

# Epigenetic Regulations of GABAergic Neurotransmission Disorders and Epigenetic Therapy

Medical Epigenetics

4, 1-19

DOI: [10.1159/000444713](https://doi.org/10.1159/000444713)

Citation Report

#	ARTICLE	IF	CITATIONS
1	FURTHER STUDY OF SOMA, DENDRITE, AND AXON EXCITATION IN SINGLE NEURONS. Journal of General Physiology, 1955, 39, 121-153.	0.9	174
2	SYNAPTIC INHIBITION IN AN ISOLATED NERVE CELL. Journal of General Physiology, 1955, 39, 155-184.	0.9	281
3	MEASUREMENT OF IMPOSED VOLTAGE GRADIENT ADEQUATE TO MODULATE NEURONAL FIRING. Proceedings of the National Academy of Sciences of the United States of America, 1956, 42, 687-694.	3.3	216
4	Modulation of cutaneous mechanoreceptors by sympathetic stimulation. Journal of Physiology, 1956, 132, 40-60.	1.3	177
5	The site of initiation of impulses in Pacinian corpuscles. Journal of Physiology, 1956, 133, 54-67.	1.3	64
6	Effects of calcium deficiency on striated muscle of the frog. Journal of Physiology, 1956, 133, 101-117.	1.3	64
7	Excitatory and inhibitory processes acting upon individual Purkinje cells of the cerebellum in cats. Journal of Physiology, 1956, 133, 520-547.	1.3	407
9	Excitation and changes in adaptation by stretch of mechanoreceptors. Journal of Physiology, 1956, 133, 588-602.	1.3	91
10	Some properties of mammalian skeletal muscle fibres with particular reference to fibrillation potentials. Journal of Physiology, 1957, 135, 522-535.	1.3	74
11	Diverse forms of activity in the somata of spontaneous and integrating ganglion cells. Journal of Physiology, 1957, 138, 341-364.	1.3	112
13	A study of rapid mechanical events in a mechanoreceptor. Journal of Physiology, 1958, 141, 198-218.	1.3	122
14	The site of impulse initiation in a nerve cell of a crustacean stretch receptor. Journal of Physiology, 1958, 143, 138-148.	1.3	157
15	The depression of the receptor potential in Pacinian corpuscles. Journal of Physiology, 1958, 141, 117-131.	1.3	38
16	Some properties of frog skin mechanoreceptors. Journal of Physiology, 1958, 141, 305-322.	1.3	48
18	Potassium Ions and the Inhibitory Process in the Crayfish Stretch Receptor. Journal of General Physiology, 1959, 43, 315-321.	0.9	41
19	I. After-Effects of Repetitive Activity in a Nerve Ending. Journal of General Physiology, 1959, 43, 335-345.	0.9	18
20	Slow post-synaptic potentials recorded from the giant motor fibre of the crayfish. Journal of Physiology, 1959, 145, 326-335.	1.3	68
21	Zur funktionellen Organisation der motorischen Einheiten eines Muskels. Journal of Neurology, 1959, 178, 583.	1.8	5

#	ARTICLE	IF	CITATIONS
22	Initiation of impulses in visual cells of <i>Limulus</i> . Journal of Physiology, 1959, 148, 14-28.	1.3	212
23	Potential fields initiated during monosynaptic activation of frog motoneurones. Journal of Physiology, 1960, 150, 633-655.	1.3	98
24	Synaptic linkage between afferent fibres of the cat's hind limb and ascending fibres in the dorsolateral funiculus. Journal of Physiology, 1960, 153, 306-330.	1.3	39
25	Synaptic potentials, after-potentials, and slow rhythms of lateral geniculate neurones. Journal of Physiology, 1960, 154, 514-546.	1.3	35
26	Electrical and mechanical factors in the adaptation of a mammalian muscle spindle. Journal of Physiology, 1960, 153, 209-217.	1.3	71
27	The effects of $\hat{\gamma}$ -aminobutyric acid and other compounds on structures of the mammalian nervous system which are inhibited by Factor I. Journal of Physiology, 1960, 150, 306-318.	1.3	25
28	The state of Factor I in rat brain: the effects of metabolic conditions and drugs. Journal of Physiology, 1960, 153, 423-432.	1.3	61
29	The electrical activity of mammalian intrafusal fibres. Journal of Physiology, 1960, 150, 169-185.	1.3	36
30	Äœber ein Substrat atmungsrhythmischer Erregungsbildung im Rautenhirn der Katze. Pflugers Archiv European Journal of Physiology, 1960, 270, 504-528.	1.3	62
32	The motor regulation of mammalian spindle discharges. Journal of Physiology, 1960, 150, 186-200.	1.3	13
33	Studies on the Distribution of Factor I and Acetylcholine in Crustacean Peripheral Nerve. Journal of General Physiology, 1960, 43, 509-522.	0.9	50
34	Tension changes in crayfish stretch receptors. Journal of Physiology, 1961, 159, 310-325.	1.3	59
35	Pyridoxal phosphate breakdown by an alkaline-phosphatase preparation. Biochemical Journal, 1961, 80, 663-668.	2.8	39
36	Studies with artificial neurons, II: analog of the external spiral innervation of the cochlea. Biological Cybernetics, 1961, 1, 102-107.	0.6	18
37	THE FINE STRUCTURE OF INHIBITORY SYNAPSES IN THE CRAYFISH. Journal of Cell Biology, 1961, 11, 157-169.	2.3	49
38	Spike Potentials Recorded from the Insect Photoreceptor. Journal of General Physiology, 1962, 45, 663-680.	0.9	73
39	The Effects of Mechanical Stimulation on Some Electrical Properties of Axons. Journal of General Physiology, 1962, 46, 297-313.	0.9	102
40	Effect of sodium and potassium ions on the electrical activity of single cells in the lateral eye of the horseshoe crab. Journal of Physiology, 1962, 161, 319-343.	1.3	51

#	ARTICLE	IF	CITATIONS
41	The non-selective blocking action of $\hat{1}^3$ -aminobutyric acid on the sensory cerebral cortex of the rat. <i>Journal of Physiology</i> , 1962, 162, 105-120.	1.3	38
42	The effects of subliminal stimulation on the excitability of frog skin tactile receptors. <i>Journal of Physiology</i> , 1962, 164, 90-102.	1.3	7
43	Gamma-amino-beta-hydroxybutyric acid (GABOB) and brain serotonin. <i>Psychopharmacology</i> , 1963, 5, 84-86.	1.5	3
44	Post-Tetanic Repetitive Activity in the Cat Soleus Nerve. <i>Journal of General Physiology</i> , 1963, 47, 53-70.	0.9	85
45	Effects of changes in the external sodium and calcium concentrations on spontaneous electrical activity in smooth muscle of guinea pig taenia coli. <i>Journal of Physiology</i> , 1963, 166, 29-58.	1.3	236
46	Quantitative aspects of repetitive firing of mammalian motoneurons, caused by injected currents. <i>Journal of Physiology</i> , 1963, 168, 911-931.	1.3	272
47	Pharmacological studies on presynaptic inhibition. <i>Journal of Physiology</i> , 1963, 168, 500-530.	1.3	721
48	Delayed depolarization and the repetitive response to intracellular stimulation of mammalian motoneurons. <i>Journal of Physiology</i> , 1963, 168, 890-910.	1.3	170
49	THE METABOLISM OF GLUTAMATE IN HOMOGENATES AND SLICES OF BRAIN CORTEX. <i>Biochemical Journal</i> , 1963, 88, 566-578.	2.8	124
50	Localized action of gamma-aminobutyric acid on the crayfish muscle. <i>Journal of Physiology</i> , 1965, 177, 225-238.	1.3	208
51	Effects of hypoxia, hypercapnia, and pH on the chemoreceptor activity of the carotid body in vitro.. <i>Journal of Physiology</i> , 1965, 178, 385-409.	1.3	119
52	Components of receptor adaptation in a Pacinian corpuscle. <i>Journal of Physiology</i> , 1965, 177, 377-397.	1.3	174
53	Presynaptic and postsynaptic effects of inhibitory drugs on the crayfish neuromuscular junction. <i>Pflugers Archiv European Journal of Physiology</i> , 1965, 283, 104-118.	1.3	75
54	Effects of some pharmacological agents on chemoreceptor discharges.. <i>Journal of Physiology</i> , 1965, 178, 410-437.	1.3	74
55	Interspike Interval Fluctuations in the Crayfish Stretch Receptor. <i>Biophysical Journal</i> , 1966, 6, 201-215.	0.2	28
56	Mechanical transmission in a Pacinian corpuscle. An analysis and a theory. <i>Journal of Physiology</i> , 1966, 182, 346-378.	1.3	195
57	A comparison of the responses of frog skin receptors to mechanical and electrical stimulation. <i>Journal of Physiology</i> , 1966, 187, 23-33.	1.3	13
58	A visco-elastic theory of mechanoreceptor adaptation. <i>Journal of Physiology</i> , 1966, 187, 35-49.	1.3	32

#	ARTICLE	IF	CITATIONS
59	Post-tetanic hyperpolarization and electrogenic Na pump in stretch receptor neurone of crayfish. <i>Journal of Physiology</i> , 1966, 187, 105-127.	1.3	192
60	Quantitative studies on the slowly adapting stretch receptor of the crayfish. <i>Biological Cybernetics</i> , 1966, 3, 175-185.	0.6	86
61	Pharmacological properties of the postsynaptic inhibition by Purkinje cell axons and the action of $\gamma$ -aminobutyric acid on Deiters neurones. <i>Experimental Brain Research</i> , 1967, 4, 43-57.	0.7	338
62	The action of $\gamma$ -Aminobutyric acid on cortical neurones. <i>Experimental Brain Research</i> , 1967, 3, 320-336.	0.7	605
63	Gamma aminobutyric acid induced changes in the spontaneous firing rates of insect neurons. <i>Experientia</i> , 1967, 23, 284-285.	1.2	5
64	Effects of aconitine on the slowly adapting stretch receptor neurone of the crayfish. <i>Pflugers Archiv European Journal of Physiology</i> , 1968, 304, 104-117.	1.3	19
65	Inhibitory Synapses on Pacemaker Neurons in the Heart Ganglion of a Stomatopod, <i>Squilla oratoria</i> . <i>Journal of General Physiology</i> , 1968, 52, 908-924.	0.9	31
66	The Flash-Triggering Action Potential of the Luminescent Dinoflagellate <i>Noctiluca</i> . <i>Journal of General Physiology</i> , 1968, 52, 258-282.	0.9	75
67	The Ionic Permeability Changes during Acetylcholine-Induced Responses of <i>Aplysia</i> Ganglion Cells. <i>Journal of General Physiology</i> , 1968, 51, 321-345.	0.9	93
68	Effects of tetrodotoxin on the slowly adapting stretch receptor neurone of lobster. <i>Journal of Physiology</i> , 1968, 195, 141-156.	1.3	30
69	Adaptation of the generator potential in the crayfish stretch receptors under constant length and constant tension. <i>Journal of Physiology</i> , 1969, 200, 187-204.	1.3	93
70	Membrane properties of the stretch receptor neurones of crayfish with particular reference to mechanisms of sensory adaptation. <i>Journal of Physiology</i> , 1969, 200, 161-185.	1.3	126
71	Inhibitory Miniature Potentials in the Stretch Receptor Neurons of Crayfish. <i>Journal of General Physiology</i> , 1969, 53, 666-682.	0.9	26
72	The structure and function of a slowly adapting touch corpuscle in hairy skin. <i>Journal of Physiology</i> , 1969, 200, 763-796.	1.3	687
73	Oscillation in the stretch reflex arc and the origin of the rhythmical, 8-12 c/s component of physiological tremor. <i>Journal of Physiology</i> , 1970, 206, 359-382.	1.3	269
74	Repetitive impulses generated in fast and slow pyramidal tract cells by intracellularly applied current steps. <i>Experimental Brain Research</i> , 1970, 11, 263-281.	0.7	67
75	Subthreshold Behavior and Phenomenological Impedance of the Squid Giant Axon. <i>Journal of General Physiology</i> , 1970, 55, 497-523.	0.9	290
76	Desensitization of Gamma Aminobutyric Acid (GABA) Receptors in Muscle Fibers of the Crab <i>Cancer borealis</i> . <i>Journal of General Physiology</i> , 1970, 56, 33-45.	0.9	45

#	ARTICLE	IF	CITATIONS
77	Competitive interaction of $\hat{\text{I}}^2$ -guanidino propionic acid and $\hat{\text{I}}^3$ -aminobutyric acid on the muscle fibre of the crayfish. <i>Journal of Physiology</i> , 1971, 216, 391-401.	1.3	77
78	Systems analysis of biological receptors. <i>Biological Cybernetics</i> , 1971, 9, 85-95.	0.6	31
79	A device permitting distension of the crayfish stretch receptor muscle without dislocation of the receptor neurone. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1971, 268, 122-124.	1.4	3
80	Electrophysiological Properties of Cells in the Median Ocellus of <i>Limulus</i> . <i>Journal of General Physiology</i> , 1972, 59, 167-185.	0.9	52
81	Hodgkin-Huxley Axon. <i>Biophysical Journal</i> , 1972, 12, 1145-1158.	0.2	25
82	Correlation between RNA synthesis and electrogenesis in the sensory neuron of the crayfish stretch receptor. <i>Neuroscience and Behavioral Physiology</i> , 1972, 5, 319-324.	0.2	0
83	The diffusion and metabolic differences between soma and axon of a neuron. <i>Bulletin of Mathematical Biology</i> , 1973, 35, 421-429.	0.9	3
84	Hair Cell Generator Potentials. <i>Journal of General Physiology</i> , 1973, 61, 619-637.	0.9	55
85	Depolarization of sensory nerve endings and impulse initiation in common carotid baroreceptors. <i>Journal of Physiology</i> , 1973, 235, 31-56.	1.3	12
86	Electrical Response to Vibration of a Lipid Bilayer Membrane. <i>Biophysical Journal</i> , 1974, 14, 473-489.	0.2	31
87	Evidence for $\text{Ca}^{2+}$ control of the transducer mechanism in crayfish stretch receptor. <i>Journal of Membrane Biology</i> , 1975, 21, 335-351.	1.0	9
88	Ion conductance changes associated with spike adaptation in the rapidly adapting stretch receptor of the crayfish. <i>Pflugers Archiv European Journal of Physiology</i> , 1975, 354, 367-377.	1.3	6
89	Effects of deuterium oxide on mechano-sensory receptor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 4703-4705.	3.3	3
90	The distribution of GABA sensitivity on crayfish muscle receptor organs.. <i>Journal of Physiology</i> , 1976, 263, 405-415.	1.3	18
91	A Classification of Sociomedical Health Indicators: Perspectives for Health Administrators and Health Planners. <i>International Journal of Health Services</i> , 1976, 6, 521-538.	1.2	14
92	Relation between trains of action potentials across an inhibitory synapse. Influence of presynaptic irregularity. <i>Biological Cybernetics</i> , 1976, 24, 169-179.	0.6	54
93	Repetitive firing: quantitative analysis of encoder behavior of slowly adapting stretch receptor of crayfish and eccentric cell of <i>Limulus</i> .. <i>Journal of General Physiology</i> , 1977, 69, 849-877.	0.9	29
94	Responses of atrial mechano-receptors to pulsation of atrial volume. <i>Journal of Physiology</i> , 1977, 273, 1-21.	1.3	14

#	ARTICLE	IF	CITATIONS
95	Non-synaptic chemical neurotransmission. <i>Experientia</i> , 1977, 33, 1342-1344.	1.2	3
96	Vertebrate GABA receptors. <i>Neurochemical Research</i> , 1978, 3, 263-280.	1.6	11
97	Crayfish stretch-receptor organs: Effects of length-steps with and without perturbations. <i>Biological Cybernetics</i> , 1978, 31, 99-110.	0.6	23
98	Nonlinear systems analysis of repetitive firing behavior in the crayfish stretch receptor. <i>Biological Cybernetics</i> , 1978, 29, 105-113.	0.6	8
99	Conductance increases produced by glycine and gamma-aminobutyric acid in lamprey interneurons.. <i>Journal of Physiology</i> , 1978, 279, 231-252.	1.3	95
100	A common origin of voltage noise and generator potentials in statocyst hair cells.. <i>Journal of General Physiology</i> , 1979, 73, 23-48.	0.9	27
101	Slowly adapting stretch-receptor organs: Periodic stimulation with and without perturbations. <i>Biological Cybernetics</i> , 1979, 33, 81-95.	0.6	17
102	A theoretical study of neural adaptation and transient responses due to inhibitory feedback. <i>The Bulletin of Mathematical Biophysics</i> , 1979, 41, 257-282.	0.5	8
103	Avermectin B1a irreversibly blocks postsynaptic potentials at the lobster neuromuscular junction by reducing muscle membrane resistance.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979, 76, 2062-2066.	3.3	186
104	Net uptake of gamma-aminobutyric acid by a high-affinity system of rat brain synaptosomes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981, 78, 1242-1244.	3.3	23
105	Comparison between (RS)-nipecotic acid and GABA transport in cultured astrocytes: Coupling with two sodium ions. <i>Neurochemical Research</i> , 1981, 6, 257-266.	1.6	11
106	Responses of single receptor units of the rat mammary gland parenchyma to tactile stimulation. <i>Neuroscience and Behavioral Physiology</i> , 1981, 11, 482-487.	0.2	0
107	Dendritic analysis of lobster stretch receptor neurons: Electrotonic properties with single and distributed inputs. <i>Cellular and Molecular Neurobiology</i> , 1981, 1, 189-207.	1.7	9
108	Subthreshold and near-threshold membrane currents in lobster stretch receptor neurones.. <i>Journal of Physiology</i> , 1981, 310, 191-203.	1.3	26
109	The appearance and development of chemosensitivity in Rohon-Beard neurones of the <i>Xenopus</i> spinal cord. <i>Journal of Physiology</i> , 1982, 330, 513-536.	1.3	52
110	Electrical responses to mechanical stimulation of the membrane of squid giant axons. <i>Pflugers Archiv European Journal of Physiology</i> , 1982, 395, 59-64.	1.3	13
111	Characterization of L-glutamate uptake into and release from astrocytes and neurons cultured from different brain regions. <i>Experimental Brain Research</i> , 1982, 47, 259-69.	0.7	289
112	Pervasive locking, saturation, asymmetric rate sensitivity and double-valuedness in crayfish stretch receptors. <i>Biological Cybernetics</i> , 1983, 49, 33-43.	0.6	31

#	ARTICLE	IF	CITATIONS
113	Interaction of penicillin and pentobarbital with inhibitory synaptic mechanisms in neocortex. <i>Cellular and Molecular Neurobiology</i> , 1984, 4, 301-317.	1.7	30
114	The Saga of K.A.C. Elliott and GABA. <i>Neurochemical Research</i> , 1984, 9, 449-460.	1.6	12
115	Post-tetanic hyperpolarization evoked by depolarizing pulses in crayfish stretch receptor neurones in tetrodotoxin.. <i>Journal of Physiology</i> , 1984, 350, 343-360.	1.3	9
116	White noise analysis of pace-maker-response interactions and non-linearities in slowly adapting crayfish stretch receptor.. <i>Journal of Physiology</i> , 1984, 350, 55-80.	1.3	17
117	Alteration of putative amino acid levels and morphological findings in neural tissues of methylmercury-intoxicated mice. <i>Archives of Toxicology</i> , 1985, 57, 35-40.	1.9	8
118	Dynamic and static hysteresis in crayfish stretch receptors. <i>Biological Cybernetics</i> , 1985, 52, 291-296.	0.6	24
119	Modulation of gamma-aminobutyric acid-mediated inhibitory synaptic currents in dissociated cortical cell cultures.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 9269-9273.	3.3	59
120	Effect of l-homocysteine and derivatives on the high-affinity uptake of taurine and GABA into synaptosomes and cultured neurons and astrocytes. <i>Neurochemical Research</i> , 1986, 11, 1487-1496.	1.6	13
121	Analysis of gated membrane currents and mechanisms of firing control in the rapidly adapting lobster stretch receptor neurone.. <i>Journal of Physiology</i> , 1987, 384, 649-669.	1.3	38
122	Spontaneous neuronal firing patterns in fetal rat cortical networks during development in vitro: a quantitative analysis. <i>Experimental Brain Research</i> , 1987, 69, 43-52.	0.7	84
123	Two inhibitory postsynaptic potentials, and GABAA and GABAB receptor-mediated responses in neocortex of rat and cat.. <i>Journal of Physiology</i> , 1988, 406, 443-468.	1.3	483
124	Cerebellar GABAA receptor binding and function in vitro in two rat lines developed for high and low alcohol sensitivity. <i>Neurochemical Research</i> , 1989, 14, 733-739.	1.6	37
125	Experimental studies of the influence of vigabatrin on the GABA system.. <i>British Journal of Clinical Pharmacology</i> , 1989, 27, 13S-17S.	1.1	51
126	Amino acid neurotransmitter alterations in three sublines of Rb mice differing by their susceptibility to audiogenic seizures. <i>Neurochemical Research</i> , 1990, 15, 687-693.	1.6	12
127	Development in the absence of spontaneous bioelectric activity results in increased stereotyped burst firing in cultures of dissociated cerebral cortex. <i>Experimental Brain Research</i> , 1990, 79, 157-66.	0.7	96
128	Electrophysiological characterization of potent agonists and antagonists at pre- and postsynaptic GABA <sub>B</sub> receptors on neurones in rat brain slices. <i>British Journal of Pharmacology</i> , 1990, 101, 949-957.	2.7	148
129	Paroxysmal inhibitory potentials mediated by GABAB receptors in partially disinhibited rat hippocampal slice cultures.. <i>Journal of Physiology</i> , 1991, 444, 375-396.	1.3	46
130	GABA synthesis in brain slices is dependent on glutamine produced in astrocytes. <i>Neurochemical Research</i> , 1991, 16, 151-156.	1.6	61

#	ARTICLE	IF	CITATIONS
131	The structural and functional heterogeneity of glutamic acid decarboxylase: A review. <i>Neurochemical Research</i> , 1991, 16, 215-226.	1.6	429
132	Electrophysiology of GABA-mediated synaptic transmission and possible roles in epilepsy. <i>Neurochemical Research</i> , 1991, 16, 251-262.	1.6	76
133	Effects of potassium on the anion and cation contents of primary cultures of mouse astrocytes and neurons. <i>Neurochemical Research</i> , 1991, 16, 1275-1283.	1.6	16
134	Trends in the pathophysiology and pharmacotherapy of spasticity. <i>Journal of Neurology</i> , 1991, 238, 131-139.	1.8	75
135	Afterpotentials following penicillin-induced paroxysmal depolarizations in rat hippocampal CA1 pyramidal cells in vitro. <i>Pflügers Archiv European Journal of Physiology</i> , 1991, 417, 469-478.	1.3	18
136	Inward current caused by sodium-dependent uptake of GABA in the crayfish stretch receptor neurone.. <i>Journal of Physiology</i> , 1992, 453, 627-645.	1.3	33
137	Focal seizures and non-ketotic hyperglycaemia.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1992, 55, 195-197.	0.9	97
138	Intracellular electrophysiological study of suprachiasmatic nucleus neurons in rodents: inhibitory synaptic mechanisms.. <i>Journal of Physiology</i> , 1992, 458, 247-260.	1.3	117
139	Enhancement of gamma-aminobutyric acid-activated Cl <sup>-</sup> currents in cultured rat hippocampal neurones by three volatile anaesthetics.. <i>Journal of Physiology</i> , 1992, 449, 279-293.	1.3	177
140	GABA-gated anion channels in intact crayfish opener muscle fibres and stretch-receptor neurons are neither activated nor desensitized by glutamate. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1992, 170, 521-4.	0.7	3
141	The functional role of GABA and glycine in monaural and binaural processing in the inferior colliculus of horseshoe bats. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1992, 171, 541-53.	0.7	141
142	Signal transduction and nonlinearities revealed by white noise inputs in the fast adapting crayfish stretch receptor. <i>Experimental Brain Research</i> , 1992, 88, 303-312.	0.7	7
143	Receptor subtypes involved in callosally-induced postsynaptic potentials in rat frontal agranular cortex in vitro. <i>Experimental Brain Research</i> , 1992, 88, 33-40.	0.7	130
144	On the origin of the postexcitatory inhibition seen after transcranial magnetic brain stimulation in awake human subjects. <i>Experimental Brain Research</i> , 1993, 94, 489-498.	0.7	280
145	Involvement of both GABAA and GABAB receptors in tonic inhibitory control of blood pressure at the rostral ventrolateral medulla of the rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993, 348, 146-153.	1.4	56
146	Neurotransmitter regulation of somatostatin secretion by fetal rat cerebral cortical cells in culture. <i>Journal of Endocrinological Investigation</i> , 1993, 16, 661-668.	1.8	11
147	Localized 1H NMR measurements of gamma-aminobutyric acid in human brain in vivo.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 5662-5666.	3.3	495
148	Transducer properties of the rapidly adapting stretch receptor neurone in the crayfish ( <i>Pacifastacus</i> ) Tj ETQq1 1 0.784314 rgBT /Over 1.3 26		

#	ARTICLE	IF	CITATIONS
149	Separate activation of fast and slow inhibitory postsynaptic potentials in rat neocortex in vitro.. Journal of Physiology, 1994, 476, 203-215.	1.3	95
150	Distribution of GABA-containing neurons in human frontal cortex: a quantitative immunocytochemical study. Anatomy and Embryology, 1994, 189, 139-45.	1.5	41
151	Inhibitory actions of motor cortex following unilateral brain lesions as studied by magnetic brain stimulation. Experimental Brain Research, 1994, 99, 84-96.	0.7	135
152	Elevated brain GABA correlates with systemic dysfunctions in paroxysmal chick. Metabolic Brain Disease, 1994, 9, 361-368.	1.4	1
153	Trichloroethanol potentiation of $\gamma$ -aminobutyric acid-activated chloride current in mouse hippocampal neurones. British Journal of Pharmacology, 1994, 113, 555-563.	2.7	46
154	Immunocytochemistry of a novel GABA receptor subunit Rdl in <i>Drosophila melanogaster</i> . Invertebrate Neuroscience, 1995, 1, 25-31.	1.8	49
155	Different specific binding sites of $[^3H]$ glycine and $[^3H]$ strychnine in synaptosomal membranes isolated from frog retina. Neurochemical Research, 1995, 20, 915-922.	1.6	7
156	Inhibitory mechanisms in epileptiform activity induced by low magnesium. Pflugers Archiv European Journal of Physiology, 1995, 430, 238-245.	1.3	16
157	Erosion of inhibition contributes to the progression of low magnesium bursts in rat hippocampal slices.. Journal of Physiology, 1995, 486, 723-734.	1.3	89
158	Spontaneous motoneuronal activity mediated by glycine and GABA in the spinal cord of rat fetuses in vitro.. Journal of Physiology, 1996, 497, 131-143.	1.3	123
159	Laminar origins of inhibitory synaptic inputs to pyramidal neurons of the rat neocortex.. Journal of Physiology, 1996, 497, 109-117.	1.3	23
160	Long-term modifications of synaptic efficacy in the human inferior and middle temporal cortex.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8011-8015.	3.3	118
161	The rate of turnover of cortical GABA from $[1-^{13}C]$ glucose is reduced in rats treated with the GABA-transaminase inhibitor vigabatrin ( $^3$ -vinyl GABA). Neurochemical Research, 1996, 21, 1031-1041.	1.6	61
162	Effects of diazepam, baclofen and thiopental on the silent period evoked by transcranial magnetic stimulation in humans. Experimental Brain Research, 1996, 109, 467-72.	0.7	192
163	Mechanisms of long-lasting hyperpolarizations underlying slow sleep oscillations in cat corticothalamic networks.. Journal of Physiology, 1996, 494, 251-264.	1.3	286
164	GABAergic disinhibition changes the recovery cycle of bat inferior collicular neurons. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1997, 181, 331-341.	0.7	48
165	A Developmental Shift from GABAergic to Glycinergic Transmission in the Central Auditory System. Journal of Neuroscience, 1998, 18, 4646-4655.	1.7	225
166	Low Resting Potential and Postnatal Upregulation of NMDA Receptors May Cause Cajal-Retzius Cell Death. Journal of Neuroscience, 1999, 19, 1636-1646.	1.7	76

#	ARTICLE	IF	CITATIONS
167	Peripheral Synapses at Identified Mechanosensory Neurons in Spiders: Three-Dimensional Reconstruction and GABA Immunocytochemistry. <i>Journal of Neuroscience</i> , 1999, 19, 298-310.	1.7	43
168	Interaural Intensity Difference Processing in Auditory Midbrain Neurons: Effects of a Transient Early Inhibitory Input. <i>Journal of Neuroscience</i> , 1999, 19, 1149-1163.	1.7	12
169	General anaesthetic actions on ligand-gated ion channels. <i>Cellular and Molecular Life Sciences</i> , 1999, 55, 1278-1303.	2.4	369
170	The soma and neurites of primary afferent neurons in the guinea pig intestine respond differentially to deformation. <i>Journal of Physiology</i> , 2000, 526, 375-385.	1.3	98
171	New neurochemical markers for psychosis: a working hypothesis of their operation. <i>Neurochemical Research</i> , 2000, 25, 1207-1218.	1.6	39
172	GABAergic Inhibition Suppresses Paroxysmal Network Activity in the Neonatal Rodent Hippocampus and Neocortex. <i>Journal of Neuroscience</i> , 2000, 20, 8822-8830.	1.7	67
173	Slow Death of Postnatal Hippocampal Neurons by GABA <sub>A</sub> Receptor Overactivation. <i>Journal of Neuroscience</i> , 2000, 20, 3147-3156.	1.7	45
174	An initiator element mediates autologous downregulation of the human type A gamma-aminobutyric acid receptor beta 1 subunit gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 8600-8605.	3.3	46
175	Functional switching of GABAergic synapses by ryanodine receptor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12300-12305.	3.3	16
176	Expression of reelin in adult mammalian blood, liver, pituitary pars intermedia, and adrenal chromaffin cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1281-1286.	3.3	140
177	Reelin secretion from glutamatergic neurons in culture is independent from neurotransmitter regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3556-3561.	3.3	90
178	Insulin-Like Growth Factor 1 and a Cytosolic Tyrosine Kinase Activate Chloride Outward Transport during Maturation of Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2001, 21, 8339-8347.	1.7	134
179	Region-Specific Developmental Specialization of GABA-Glycine Cosynapses in Laminas II of the Rat Spinal Dorsal Horn. <i>Journal of Neuroscience</i> , 2001, 21, 7871-7880.	1.7	206
180	Coincident Spiking Activity Induces Long-Term Changes in Inhibition of Neocortical Pyramidal Cells. <i>Journal of Neuroscience</i> , 2001, 21, 8270-8277.	1.7	136
181	The role of early neural activity in the maturation of turtle retinal function. <i>Journal of Anatomy</i> , 2001, 199, 375-383.	0.9	30
182	Interactions between two different inhibitory systems in the human motor cortex. <i>Journal of Physiology</i> , 2001, 530, 307-317.	1.3	459
183	GABA-mediated Ca <sup>2+</sup> signalling in developing rat cerebellar Purkinje neurones. <i>Journal of Physiology</i> , 2001, 536, 429-437.	1.3	82
184	Identification of Epilepsy Genes in Human and Mouse. <i>Annual Review of Genetics</i> , 2001, 35, 567-588.	3.2	130

#	ARTICLE	IF	CITATIONS
185	Down-regulation of dendritic spine and glutamic acid decarboxylase 67 expressions in the reelin haploinsufficient heterozygous reeler mouse. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3477-3482.	3.3	211
186	Altered kinetics and benzodiazepine sensitivity of a GABAA receptor subunit mutation [ $\Delta$ (R43Q)] found in human epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15170-15175.	3.3	104
187	Reelin function in neural stem cell biology. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4020-4025.	3.3	77
188	Nonlinear partial differential equations and applications: Disrupted synaptic development in the hypoxic newborn brain. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15729-15734.	3.3	107
189	Expression of human epileptic temporal lobe neurotransmitter receptors in <i>Xenopus</i> oocytes: An innovative approach to study epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15078-15083.	3.3	40
190	Could Stress Cause Psychosis in Individuals Vulnerable to Schizophrenia?. CNS Spectrums, 2002, 7, 33-42.	0.7	39
191	Truncation of the GABAA-Receptor $\beta$ 2 Subunit in a Family with Generalized Epilepsy with Febrile Seizures Plus. American Journal of Human Genetics, 2002, 70, 530-536.	2.6	425
192	Expression of p73 and Reelin in the Developing Human Cortex. Journal of Neuroscience, 2002, 22, 4973-4986.	1.7	191
193	Basis of Changes in Left-Right Coordination of Rhythmic Motor Activity during Development in the Rat Spinal Cord. Journal of Neuroscience, 2002, 22, 10388-10398.	1.7	90
194	Energy Integration Describes Sound-Intensity Coding in an Insect Auditory System. Journal of Neuroscience, 2002, 22, 10434-10448.	1.7	40
195	The Coding of Spatial Location by Single Units in the Lateral Superior Olive of the Cat. I. Spatial Receptive Fields in Azimuth. Journal of Neuroscience, 2002, 22, 1454-1467.	1.7	74
196	Nicotinic $\alpha$ 7 Receptor Clusters on Hippocampal GABAergic Neurons: Regulation by Synaptic Activity and Neurotrophins. Journal of Neuroscience, 2002, 22, 7903-7912.	1.7	133
197	Activity of Thalamic Reticular Neurons during Spontaneous Genetically Determined Spike and Wave Discharges. Journal of Neuroscience, 2002, 22, 2323-2334.	1.7	134
198	Two Different Mechanisms of Disinhibition Produced by GABA <sub>A</sub> Receptor Mutations Linked to Epilepsy in Humans. Journal of Neuroscience, 2002, 22, 5321-5327.	1.7	139
199	Motivational Responses to Natural and Drug Rewards in Rats with Neonatal Ventral Hippocampal Lesions An Animal Model of Dual Diagnosis Schizophrenia. Neuropsychopharmacology, 2002, 27, 889-905.	2.8	99
200	Hippocampal neurons in schizophrenia. Journal of Neural Transmission, 2002, 109, 891-905.	1.4	214
201	Four New Families with Autosomal Dominant Partial Epilepsy with Auditory Features: Clinical Description and Linkage to Chromosome 10q24. Epilepsia, 2002, 43, 60-67.	2.6	59
202	A Gene for JME at Last: The alpha1 GABA Receptor Subunit. Epilepsy Currents, 2002, 2, 131-132.	0.4	2

#	ARTICLE	IF	CITATIONS
203	Control of intracellular chloride concentration and GABA response polarity in rat retinal ON bipolar cells. <i>Journal of Physiology</i> , 2002, 545, 183-198.	1.3	64
204	Molecular modelling of the interactions of carbamazepine and a nicotinic receptor involved in the autosomal dominant nocturnal frontal lobe epilepsy. <i>British Journal of Pharmacology</i> , 2002, 136, 883-895.	2.7	14
205	Inhibitory deficit in schizophrenia is not necessarily a GABAergic deficit. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 239-247.	1.7	21
206	Neurodevelopmental liabilities in schizophrenia and affective disorders. <i>Neurotoxicity Research</i> , 2002, 4, 397-408.	1.3	15
207	Mechanisms of GABA <sub>A</sub> Receptor Assembly and Trafficking: Implications for the Modulation of Inhibitory Neurotransmission. <i>Molecular Neurobiology</i> , 2002, 26, 251-268.	1.9	78
208	Exploring the cerebellum with a new tool: neonatal Borna disease virus (BDV) infection of the rat's brain. <i>Cerebellum</i> , 2003, 2, 62-70.	1.4	21
209	The genetics of sensory gating deficits in schizophrenia. <i>Current Psychiatry Reports</i> , 2003, 5, 155-161.	2.1	143
210	Effect of antipsychotics on cortical inhibition using transcranial magnetic stimulation. <i>Psychopharmacology</i> , 2003, 170, 255-262.	1.5	43
211	NMDA receptor antagonist effects, cortical glutamatergic function, and schizophrenia: toward a paradigm shift in medication development. <i>Psychopharmacology</i> , 2003, 169, 215-233.	1.5	477
212	"In vivo" monitoring of neuronal network activity in zebrafish by two-photon Ca <sup>2+</sup> imaging. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 446, 766-773.	1.3	110
213	Molecular aspects of glutamate dysregulation: implications for schizophrenia and its treatment. , 2003, 97, 153-179.		291
214	Model of autism: increased ratio of excitation/inhibition in key neural systems. <i>Genes, Brain and Behavior</i> , 2003, 2, 255-267.	1.1	2,198
215	Evidence for Distinct Genetic Influences on Generalized and Localization-related Epilepsy. <i>Epilepsia</i> , 2003, 44, 1176-1182.	2.6	29
216	Epileptogenesis Beyond the Hippocampus. <i>Epilepsy Currents</i> , 2003, 3, 66-67.	0.4	8
217	Hyperpolarizing Inhibition Develops without Trophic support by GABA in Cultured Rat Midbrain Neurons. <i>Journal of Physiology</i> , 2003, 550, 719-730.	1.3	61
218	Enhanced GABA A Receptor-Mediated Activity Following Activation of NMDA Receptors in Cajal-Retzius Cells in the Developing Mouse Neocortex. <i>Journal of Physiology</i> , 2003, 550, 103-111.	1.3	16
219	GABA Depolarizes Neuronal Progenitors of the Postnatal Subventricular Zone Via GABA A Receptor Activation. <i>Journal of Physiology</i> , 2003, 550, 785-800.	1.3	173
220	GABA: Exciting Again in Its Own Right. <i>Journal of Physiology</i> , 2003, 550, 665-665.	1.3	5

#	ARTICLE	IF	CITATIONS
221	Effect of transcranial magnetic stimulation on single-unit activity in the cat primary visual cortex. <i>Journal of Physiology</i> , 2003, 553, 665-679.	1.3	207
222	Unraveling Monogenic Channelopathies and Their Implications for Complex Polygenic Disease. <i>American Journal of Human Genetics</i> , 2003, 72, 785-803.	2.6	64
223	BRD2 (RING3) Is a Probable Major Susceptibility Gene for Common Juvenile Myoclonic Epilepsy. <i>American Journal of Human Genetics</i> , 2003, 73, 261-270.	2.6	184
224	FAK Deficiency in Cells Contributing to the Basal Lamina Results in Cortical Abnormalities Resembling Congenital Muscular Dystrophies. <i>Neuron</i> , 2003, 40, 501-514.	3.8	277
225	A reelin-integrin receptor interaction regulates Arc mRNA translation in synaptoneurosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5479-5484.	3.3	107
226	Subpallial origin of a population of projecting pioneer neurons during corticogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12468-12473.	3.3	67
227	Brain-derived neurotrophic factor-dependent unmasking of "silent" synapses in the developing mouse barrel cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13069-13074.	3.3	98
228	Epilepsy-Associated Dysfunction in the Voltage-Gated Neuronal Sodium Channel SCN1A. <i>Journal of Neuroscience</i> , 2003, 23, 11289-11295.	1.7	196
229	The Prefrontal Cortex Regulates Lateral Amygdala Neuronal Plasticity and Responses to Previously Conditioned Stimuli. <i>Journal of Neuroscience</i> , 2003, 23, 11054-11064.	1.7	297
230	Maturation of Long-Term Potentiation Induction Rules in Rodent Hippocampus: Role of GABAergic Inhibition. <i>Journal of Neuroscience</i> , 2003, 23, 11142-11146.	1.7	142
231	Aberrant Patterning of Neuromuscular Synapses in Choline Acetyltransferase-Deficient Mice. <i>Journal of Neuroscience</i> , 2003, 23, 539-549.	1.7	156
232	Degeneration of the Amygdala/Piriform Cortex and Enhanced Fear/Anxiety Behaviors in Sodium Pump $\alpha 2$ Subunit ( <i>Atp1a2</i> )-Deficient Mice. <i>Journal of Neuroscience</i> , 2003, 23, 4667-4676.	1.7	114
233	Electrophysiological Differentiation of New Neurons in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2003, 23, 10411-10418.	1.7	264
234	Deafness Disrupts Chloride Transporter Function and Inhibitory Synaptic Transmission. <i>Journal of Neuroscience</i> , 2003, 23, 7516-7524.	1.7	79
235	Developmental Modulation of Retinal Wave Dynamics: Shedding Light on the GABA Saga. <i>Journal of Neuroscience</i> , 2003, 23, 7621-7629.	1.7	87
236	Frequency Modulation of Synchronized $Ca^{2+}$ Spikes in Cultured Hippocampal Networks through G-Protein-Coupled Receptors. <i>Journal of Neuroscience</i> , 2003, 23, 4156-4163.	1.7	62
237	Characterization of the Circuits That Generate Spontaneous Episodes of Activity in the Early Embryonic Mouse Spinal Cord. <i>Journal of Neuroscience</i> , 2003, 23, 587-600.	1.7	263
238	Genetic Disruption of Cortical Interneuron Development Causes Region- and GABA Cell Type-Specific Deficits, Epilepsy, and Behavioral Dysfunction. <i>Journal of Neuroscience</i> , 2003, 23, 622-631.	1.7	319

#	ARTICLE	IF	CITATIONS
239	The RAS Effector RIN1 Modulates the Formation of Aversive Memories. <i>Journal of Neuroscience</i> , 2003, 23, 748-757.	1.7	68
240	Segregation and Coactivation of Developing Neocortical Layer 1 Neurons. <i>Journal of Neuroscience</i> , 2003, 23, 6272-6279.	1.7	85
241	Expression and Function of Chloride Transporters during Development of Inhibitory Neurotransmission in the Auditory Brainstem. <i>Journal of Neuroscience</i> , 2003, 23, 4134-4145.	1.7	173
242	Plasticity of the GABAergic Phenotype of the "Glutamatergic" Granule Cells of the Rat Dentate Gyrus. <i>Journal of Neuroscience</i> , 2003, 23, 5594-5598.	1.7	119
243	Reelin and Cyclin-Dependent Kinase 5-Dependent Signals Cooperate in Regulating Neuronal Migration and Synaptic Transmission. <i>Journal of Neuroscience</i> , 2004, 24, 1897-1906.	1.7	107
244	Origins of Cortical Interneuron Subtypes. <i>Journal of Neuroscience</i> , 2004, 24, 2612-2622.	1.7	576
245	A balance between excitatory and inhibitory synapses is controlled by PSD-95 and neuroligin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13915-13920.	3.3	323
246	Developmental Roles of p73 in Cajal-Retzius Cells and Cortical Patterning. <i>Journal of Neuroscience</i> , 2004, 24, 9878-9887.	1.7	122
247	Malfunction of Respiratory-Related Neuronal Activity in Na <sup>+</sup> , K <sup>+</sup> -ATPase $\alpha$ 2 Subunit-Deficient Mice Is Attributable to Abnormal Cl <sup>-</sup> Homeostasis in Brainstem Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 10693-10701.	1.7	105
248	The Central Fragment of Reelin, Generated by Proteolytic Processing In Vivo, Is Critical to Its Function during Cortical Plate Development. <i>Journal of Neuroscience</i> , 2004, 24, 514-521.	1.7	183
249	A Nonsense Mutation of the Sodium Channel Gene SCN2A in a Patient with Intractable Epilepsy and Mental Decline. <i>Journal of Neuroscience</i> , 2004, 24, 2690-2698.	1.7	182
250	Mechanism of Activity-Dependent Downregulation of the Neuron-Specific K-Cl Cotransporter KCC2. <i>Journal of Neuroscience</i> , 2004, 24, 4683-4691.	1.7	446
251	Development of GABAergic and Glycinergic Transmission in the Neonatal Rat Dorsal Horn. <i>Journal of Neuroscience</i> , 2004, 24, 4749-4757.	1.7	152
252	Angiotensin-1 modulates endothelial cell function and gene expression via the transcription factor FKHR (FOXO1). <i>Genes and Development</i> , 2004, 18, 1060-1071.	2.7	262
253	Sequential Release of GABA by Exocytosis and Reversed Uptake Leads to Neuronal Swelling in Simulated Ischemia of Hippocampal Slices. <i>Journal of Neuroscience</i> , 2004, 24, 3837-3849.	1.7	109
254	Noninactivating voltage-gated sodium channels in severe myoclonic epilepsy of infancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11147-11152.	3.3	160
255	Behavioral and regulatory abnormalities in mice deficient in the NPAS1 and NPAS3 transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13648-13653.	3.3	155
256	Cell Adhesion Molecules in Synapse Formation. <i>Journal of Neuroscience</i> , 2004, 24, 9244-9249.	1.7	164

#	ARTICLE	IF	CITATIONS
257	Generation of Reelin-Positive Marginal Zone Cells from the Caudomedial Wall of Telencephalic Vesicles. <i>Journal of Neuroscience</i> , 2004, 24, 2286-2295.	1.7	217
258	GABA Uptake via GABA Transporter-1 Modulates GABAergic Transmission in the Immature Hippocampus. <i>Journal of Neuroscience</i> , 2004, 24, 5877-5880.	1.7	42
259	Nonvesicular release of acetylcholine is required for axon targeting in the <i>Drosophila</i> visual system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15213-15218.	3.3	27
260	From The Cover: GABA-mediated giant depolarizing potentials as coincidence detectors for enhancing synaptic efficacy in the developing hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3967-3972.	3.3	158
261	Postsynaptic TrkB-Mediated Signaling Modulates Excitatory and Inhibitory Neurotransmitter Receptor Clustering at Hippocampal Synapses. <i>Journal of Neuroscience</i> , 2004, 24, 2380-2393.	1.7	106
262	Inherited Channelopathies Associated with Epilepsy. <i>Epilepsy Currents</i> , 2004, 4, 65-70.	0.4	69
263	Cortical dysplasia resembling human type 2 lissencephaly in mice lacking all three APP family members. <i>EMBO Journal</i> , 2004, 23, 4106-4115.	3.5	291
264	Cl <sup>-</sup> uptake promoting depolarizing GABA actions in immature rat neocortical neurones is mediated by NKCC1. <i>Journal of Physiology</i> , 2004, 557, 829-841.	1.3	476
265	Stage-dependent dynamics and modulation of spontaneous waves in the developing rabbit retina. <i>Journal of Physiology</i> , 2004, 560, 533-549.	1.3	114
266	Postnatal maturation of mossy fibre excitatory transmission in mouse CA3 pyramidal cells: a potential role for kainate receptors. <i>Journal of Physiology</i> , 2004, 561, 27-37.	1.3	91
267	Etomidate elevates intracellular calcium levels and promotes catecholamine secretion in bovine chromaffin cells. <i>Journal of Physiology</i> , 2004, 560, 677-690.	1.3	10
268	Functional and molecular clues reveal precursor-like cells and immature neurones in the turtle spinal cord. <i>Journal of Physiology</i> , 2004, 560, 831-838.	1.3	32
269	Analysis of oligonucleotide array experiments with repeated measures using mixed models. <i>BMC Bioinformatics</i> , 2004, 5, 209.	1.2	22
270	Chloride equilibrium potential in salamander cones. <i>BMC Neuroscience</i> , 2004, 5, 53.	0.8	35
271	Pathogenesis of peroxisomal deficiency disorders (Zellweger syndrome) may be mediated by misregulation of the GABAergic system via the diazepam binding inhibitor. <i>BMC Pediatrics</i> , 2004, 4, 5.	0.7	12
272	Neuronal Migration and the Role of Reelin During Early Development of the Cerebral Cortex. <i>Molecular Neurobiology</i> , 2004, 30, 225-252.	1.9	57
273	Electroneutral Cation-Chloride Cotransporters in the Central Nervous System. <i>Neurochemical Research</i> , 2004, 29, 17-25.	1.6	68
274	Taurine as a Modulator of Excitatory and Inhibitory Neurotransmission. <i>Neurochemical Research</i> , 2004, 29, 189-197.	1.6	129

#	ARTICLE	IF	CITATIONS
275	Metabotropic Glutamate Receptors Modulate Ischemia-Induced GABA Release in Mouse Hippocampal Slices. <i>Neurochemical Research</i> , 2004, 29, 1511-1518.	1.6	9
276	Molecular physiology of cation-coupled Cl <sup>-</sup> cotransport: the SLC12 family. <i>Pflugers Archiv European Journal of Physiology</i> , 2004, 447, 580-593.	1.3	237
277	Autosomal dominant nocturnal frontal lobe epilepsy. <i>Journal of Neurology</i> , 2004, 251, 923-34.	1.8	123
278	The root-specific glutamate decarboxylase (GAD1) is essential for sustaining GABA levels in Arabidopsis. <i>Plant Molecular Biology</i> , 2004, 55, 315-325.	2.0	107
279	The in vitro neonatal rat spinal cord preparation: a new insight into mammalian locomotor mechanisms. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2004, 190, 343-357.	0.7	46
280	Baclofen reverses the reduction in prepulse inhibition of the acoustic startle response induced by dizocilpine, but not by apomorphine. <i>Psychopharmacology</i> , 2004, 171, 322-330.	1.5	37
281	Selective alterations in prefrontal cortical GABA neurotransmission in schizophrenia: a novel target for the treatment of working memory dysfunction. <i>Psychopharmacology</i> , 2004, 174, 143-50.	1.5	224
282	Interactions between inhibitory and excitatory circuits in the human motor cortex. <i>Experimental Brain Research</i> , 2004, 154, 1-10.	0.7	407
283	Regulation of K-Cl Cotransport: from Function to Genes. <i>Journal of Membrane Biology</i> , 2004, 201, 109-137.	1.0	183
284	Enhancement of GABA-related signalling is associated with increase of functional connectivity in human cortex. <i>Human Brain Mapping</i> , 2004, 22, 27-39.	1.9	47
285	Dopamine Partial Agonists. <i>CNS Drugs</i> , 2004, 18, 251-267.	2.7	285
286	Autism and Abnormal Development of Brain Connectivity. <i>Journal of Neuroscience</i> , 2004, 24, 9228-9231.	1.7	1,061
287	Early Serotonergic Projections to Cajal-Retzius Cells: Relevance for Cortical Development. <i>Journal of Neuroscience</i> , 2004, 24, 1652-1659.	1.7	137
288	Stimulation of TM3 Leydig cell proliferation via GABA(A) receptors: a new role for testicular GABA. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 13.	1.4	35
289	Mini Review. <i>Growth Factors</i> , 2004, 22, 123-131.	0.5	1,106
290	Theoretical Investigation of the Neuronal Na <sup>+</sup> Channel SCN1A: Abnormal Gating and Epilepsy. <i>Biophysical Journal</i> , 2004, 86, 2606-2614.	0.2	20
291	Filopodia formation and Disabled degradation downstream of Reelin. <i>Biochemical Journal</i> , 2004, 384, e1-2.	1.7	2
292	Similarities and Differences Between the Wnt and Reelin Pathways in the Forming Brain. <i>Molecular Neurobiology</i> , 2005, 31, 117-134.	1.9	8

#	ARTICLE	IF	CITATIONS
293	Neuronal activity regulates viral replication of herpes simplex virus type 1 in the nervous system. <i>Journal of NeuroVirology</i> , 2005, 11, 256-264.	1.0	18
294	Formation of GABAergic synapses in the cerebellum. <i>Cerebellum</i> , 2005, 4, 171-177.	1.4	26
295	Analysis of Genetically Complex Epilepsies. <i>Epilepsia</i> , 2005, 46, 7-14.	2.6	78
296	GABAA Receptors as Broadcasters of Sexually Differentiating Signals in the Brain. <i>Epilepsia</i> , 2005, 46, 107-112.	2.6	43
297	KCC2 expression in immature rat cortical neurons is sufficient to switch the polarity of GABA responses. <i>European Journal of Neuroscience</i> , 2005, 21, 2593-2599.	1.2	109
298	Synchronized network activity in developing rat hippocampus involves regional hyperpolarization-activated cyclic nucleotide-gated (HCN) channel function. <i>European Journal of Neuroscience</i> , 2005, 22, 2669-2674.	1.2	43
299	Cortical gray matter differences identified by structural magnetic resonance imaging in pediatric bipolar disorder. <i>Bipolar Disorders</i> , 2005, 7, 555-569.	1.1	113
300	The ontogeny of mammalian sleep: a response to Frank and Heller (2003). <i>Journal of Sleep Research</i> , 2005, 14, 91-98.	1.7	35
301	Nonsynaptic GABA signaling in postnatal subventricular zone controls proliferation of GFAP-expressing progenitors. <i>Nature Neuroscience</i> , 2005, 8, 1179-1187.	7.1	395
302	Glutamate suppresses GABA release via presynaptic metabotropic glutamate receptors at baroreceptor neurones in rats. <i>Journal of Physiology</i> , 2005, 562, 535-551.	1.3	60
303	Two developmental switches in GABAergic signalling: the K <sup>+</sup> -Cl <sup>-</sup> cotransporter KCC2 and carbonic anhydrase CAVII. <i>Journal of Physiology</i> , 2005, 562, 27-36.	1.3	357
304	Time-matched pre- and postsynaptic changes of GABAergic synaptic transmission in the developing mouse superior colliculus. <i>Journal of Physiology</i> , 2005, 563, 795-807.	1.3	22
305	Developmental changes in expression of GABA <sub>A</sub> receptor-channels in rat intrinsic cardiac ganglion neurones. <i>Journal of Physiology</i> , 2005, 564, 465-474.	1.3	8
306	A transitional period of Ca <sup>2+</sup> -dependent spike afterdepolarization and bursting in developing rat CA1 pyramidal cells. <i>Journal of Physiology</i> , 2005, 567, 79-93.	1.3	44
307	ATP contributes to the generation of network-driven giant depolarizing potentials in the neonatal rat hippocampus. <i>Journal of Physiology</i> , 2005, 565, 981-992.	1.3	24
308	Midline serotonergic neurones contribute to widespread synchronized activity in embryonic mouse hindbrain. <i>Journal of Physiology</i> , 2005, 566, 807-819.	1.3	40
309	Early expression of KCC2 in rat hippocampal cultures augments expression of functional GABA synapses. <i>Journal of Physiology</i> , 2005, 566, 671-679.	1.3	126
310	From "soup physiology"™ to normal brain science. <i>Journal of Physiology</i> , 2005, 569, 1-2.	1.3	2

#	ARTICLE	IF	CITATIONS
311	The neurotransmitters glycine and GABA stimulate glucagon-like peptide-1 release from the GLUTag cell line. <i>Journal of Physiology</i> , 2005, 569, 761-772.	1.3	93
312	Postnatal phenotype and localization of spinal cord V1 derived interneurons. <i>Journal of Comparative Neurology</i> , 2005, 493, 177-192.	0.9	204
313	Acetylcholine, GABA and glutamate induce ionic currents in cultured antennal lobe neurons of the honeybee, <i>Apis mellifera</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2005, 191, 823-836.	0.7	96
314	GABAergic dysfunction in schizophrenia: new treatment strategies on the horizon. <i>Psychopharmacology</i> , 2005, 180, 191-205.	1.5	237
315	Facilitatory effects of 1;1/2Hz rTMS in motor cortex of patients affected by migraine with aura. <i>Experimental Brain Research</i> , 2005, 161, 34-38.	0.7	97
316	AtGLR3.4, a glutamate receptor channel-like gene is sensitive to touch and cold. <i>Planta</i> , 2005, 222, 418-427.	1.6	156
317	Expression of GABAA and GABAB receptors in rat growth plate chondrocytes: Activation of the GABA receptors promotes proliferation of mouse chondrogenic ATDC5 cells. <i>Molecular and Cellular Biochemistry</i> , 2005, 273, 117-126.	1.4	36
318	Neurochemical Changes in LPA1 Receptor Deficient Mice – A Putative Model of Schizophrenia. <i>Neurochemical Research</i> , 2005, 30, 371-377.	1.6	60
319	Determination of the GABA analogue succinic semialdehyde in urine and cerebrospinal fluid by dinitrophenylhydrazine derivatization and liquid chromatography-tandem mass spectrometry: Application to SSADH deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2005, 28, 913-920.	1.7	28
320	Consequences of the Evolution of the GABAA Receptor Gene Family. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 607-624.	1.7	56
321	Analysis of four DLX homeobox genes in autistic probands. <i>BMC Genetics</i> , 2005, 6, 52.	2.7	63
322	Intercellular communication, NO and the biology of Chinese medicine. <i>Cell Communication and Signaling</i> , 2005, 3, 8.	2.7	13
323	Regulation of synaptic plasticity in a schizophrenia model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13301-13306.	3.3	76
324	Familial clustering of seizure types within the idiopathic generalized epilepsies. <i>Neurology</i> , 2005, 65, 523-528.	1.5	50
325	Modeling Spontaneous Activity in the Developing Spinal Cord Using Activity-Dependent Variations of Intracellular Chloride. <i>Journal of Neuroscience</i> , 2005, 25, 3601-3612.	1.7	42
326	Integrin-Linked Kinase Deletion from Mouse Cortex Results in Cortical Lamination Defects Resembling Cobblestone Lissencephaly. <i>Journal of Neuroscience</i> , 2005, 25, 7022-7031.	1.7	110
327	Reelin and glutamic acid decarboxylase67 promoter remodeling in an epigenetic methionine-induced mouse model of schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12578-12583.	3.3	188
328	A schizophrenia-related sensorimotor deficit links $\beta$ 3-containing GABAA receptors to a dopamine hyperfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17154-17159.	3.3	176

#	ARTICLE	IF	CITATIONS
329	Dysfunction of Synaptic Inhibition in Epilepsy Associated with Focal Cortical Dysplasia. <i>Journal of Neuroscience</i> , 2005, 25, 9649-9657.	1.7	165
330	Abrupt Maturation of a Spike-Synchronizing Mechanism in Neocortex. <i>Journal of Neuroscience</i> , 2005, 25, 7309-7316.	1.7	78
331	Zebrafish bandoneon mutants display behavioral defects due to a mutation in the glycine receptor $\hat{A}$ -subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8345-8350.	3.3	95
332	Reelin promoter hypermethylation in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9341-9346.	3.3	515
333	Structural Determinants of Benzodiazepine Allosteric Regulation of GABA <sub>A</sub> Receptor Currents. <i>Journal of Neuroscience</i> , 2005, 25, 8056-8065.	1.7	30
334	Ontogenic Changes of the Spinal GABAergic Cell Population Are Controlled by the Serotonin (5-HT) System: Implication of 5-HT <sub>1</sub> Receptor Family. <i>Journal of Neuroscience</i> , 2005, 25, 8714-8724.	1.7	27
335	Glycinergic and GABAergic Synaptic Activity Differentially Regulate Motoneuron Survival and Skeletal Muscle Innervation. <i>Journal of Neuroscience</i> , 2005, 25, 1249-1259.	1.7	54
336	Reelin Modulates NMDA Receptor Activity in Cortical Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 8209-8216.	1.7	254
337	A Strict Correlation between Dendritic and Somatic Plateau Depolarizations in the Rat Prefrontal Cortex Pyramidal Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 3940-3951.	1.7	72
338	GABA Type-A Activity Controls Its Own Developmental Polarity Switch in the Maturing Retina. <i>Journal of Neuroscience</i> , 2005, 25, 4801-4805.	1.7	66
339	A Noncanonical Release of GABA and Glutamate Modulates Neuronal Migration. <i>Journal of Neuroscience</i> , 2005, 25, 4755-4765.	1.7	192
340	Neurological channelopathies. <i>Postgraduate Medical Journal</i> , 2005, 81, 20-32.	0.9	50
341	Kinetics and Spontaneous Open Probability Conferred by the $\hat{A}$ Subunit of the GABA <sub>A</sub> Receptor. <i>Journal of Neuroscience</i> , 2005, 25, 10462-10468.	1.7	40
342	DNA Methylation Status of SOX10 Correlates with Its Downregulation and Oligodendrocyte Dysfunction in Schizophrenia. <i>Journal of Neuroscience</i> , 2005, 25, 5376-5381.	1.7	222
343	Differential Maturation of GABA Action and Anion Reversal Potential in Spinal Lamina I Neurons: Impact of Chloride Extrusion Capacity. <i>Journal of Neuroscience</i> , 2005, 25, 9613-9623.	1.7	103
344	Neurosteroid-Induced Plasticity of Immature Synapses via Retrograde Modulation of Presynaptic NMDA Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 2285-2294.	1.7	104
345	Sequential Development of Electrical and Chemical Synaptic Connections Generates a Specific Behavioral Circuit in the Leech. <i>Journal of Neuroscience</i> , 2005, 25, 2478-2489.	1.7	32
346	Depolarizing GABA Acts on Intrinsically Bursting Pyramidal Neurons to Drive Giant Depolarizing Potentials in the Immature Hippocampus. <i>Journal of Neuroscience</i> , 2005, 25, 5280-5289.	1.7	165

#	ARTICLE	IF	CITATIONS
347	Critical period for sensory experience-dependent survival of newly generated granule cells in the adult mouse olfactory bulb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9697-9702.	3.3	248
348	Altering cannabinoid signaling during development disrupts neuronal activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9388-9393.	3.3	126
349	Maternal disruption of Ube3a leads to increased expression of Ube3a-ATS in trans. <i>Nucleic Acids Research</i> , 2005, 33, 3976-3984.	6.5	74
350	The dosage of the neuroD2 transcription factor regulates amygdala development and emotional learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14877-14882.	3.3	42
351	Malic Enzyme 2 May Underlie Susceptibility to Adolescent-Onset Idiopathic Generalized Epilepsy. <i>American Journal of Human Genetics</i> , 2005, 76, 139-146.	2.6	92
352	Homozygous Deletion of the Very Low Density Lipoprotein Receptor Gene Causes Autosomal Recessive Cerebellar Hypoplasia with Cerebral Gyral Simplification. <i>American Journal of Human Genetics</i> , 2005, 77, 477-483.	2.6	192
353	Comparative Analyses of Fundamental Differences in Membrane Transport Capabilities in Prokaryotes and Eukaryotes. <i>PLoS Computational Biology</i> , 2005, 1, e27.	1.5	141
354	DNA methyltransferase 1 regulates reelin mRNA expression in mouse primary cortical cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1749-1754.	3.3	124
355	In psychosis, cortical interneurons overexpress DNA-methyltransferase 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2152-2157.	3.3	249
356	Systemic prenatal insults disrupt telencephalon development: Implications for potential interventions. <i>Epilepsy and Behavior</i> , 2005, 7, 345-363.	0.9	33
357	Developmental refinement of inhibitory sound-localization circuits. <i>Trends in Neurosciences</i> , 2005, 28, 290-296.	4.2	95
358	Mechanism of the Excitatory Cl <sup>-</sup> Response in Mouse Olfactory Receptor Neurons. <i>Neuron</i> , 2005, 45, 553-561.	3.8	164
359	Neonatal maturation of the hypercapnic ventilatory response and central neural CO <sub>2</sub> chemosensitivity. <i>Respiratory Physiology and Neurobiology</i> , 2005, 149, 165-179.	0.7	92
360	A procedure for localisation and electrophysiological characterisation of ion channels heterologously expressed in a plant context. <i>Plant Methods</i> , 2005, 1, 14.	1.9	30
361	Homology Model of the GABA <sub>A</sub> Receptor Examined Using Brownian Dynamics. <i>Biophysical Journal</i> , 2005, 88, 3286-3299.	0.2	58
362	Neuronal Differentiation in the Adult Hippocampus Recapitulates Embryonic Development. <i>Journal of Neuroscience</i> , 2005, 25, 10074-10086.	1.7	574
363	New Players Tip the Scales in the Balance between Excitatory and Inhibitory Synapses. <i>Molecular Pain</i> , 2005, 1, 1744-8069-1-12.	1.0	31
364	A Specific Role for NR2A-Containing NMDA Receptors in the Maintenance of Parvalbumin and GAD67 Immunoreactivity in Cultured Interneurons. <i>Journal of Neuroscience</i> , 2006, 26, 1604-1615.	1.7	298

#	ARTICLE	IF	CITATIONS
365	From The Cover: The benzamide MS-275 is a potent, long-lasting brain region-selective inhibitor of histone deacetylases. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1587-1592.	3.3	210
366	Potential of Levetiracetam in Mood Disorders. CNS Drugs, 2006, 20, 969-979.	2.7	27
367	Neurogenesis as a potential therapeutic strategy for neurodegenerative diseases. Expert Opinion on Biological Therapy, 2006, 6, 879-890.	1.4	30
368	Integration of New Neurons into Functional Neural Networks. Journal of Neuroscience, 2006, 26, 12237-12241.	1.7	278
369	GABAergic Signaling at Mossy Fiber Synapses in Neonatal Rat Hippocampus. Journal of Neuroscience, 2006, 26, 597-608.	1.7	81
370	Why Does Fever Trigger Febrile Seizures? GABA <sub>A</sub> Receptor $\alpha 2$ Subunit Mutations Associated with Idiopathic Generalized Epilepsies Have Temperature-Dependent Trafficking Deficiencies. Journal of Neuroscience, 2006, 26, 2590-2597.	1.7	146
371	Long-Term Potentiation Enhances Neurogenesis in the Adult Dentate Gyrus. Journal of Neuroscience, 2006, 26, 5888-5893.	1.7	254
372	Epigenetics and human disease: translating basic biology into clinical applications. Cmaj, 2006, 174, 341-348.	0.9	371
373	Delayed Development of Adult-Generated Granule Cells in Dentate Gyrus. Journal of Neuroscience, 2006, 26, 2326-2334.	1.7	157
374	Dopamine Modulation of Prefrontal Cortical Interneurons Changes during Adolescence. Cerebral Cortex, 2006, 17, 1235-1240.	1.6	294
375	Postnatal expression of $\alpha 2$ nicotinic acetylcholine receptor subunit mRNA in developing cortex and hippocampus. Journal of Chemical Neuroanatomy, 2006, 32, 179-190.	1.0	40
376	Unilateral cochlear ablation before hearing onset disrupts the maintenance of dorsal nucleus of the lateral lemniscus projection patterns in the rat inferior colliculus. Neuroscience, 2006, 143, 105-115.	1.1	21
377	Regulated expression of HCN channels and cAMP levels shape the properties of the h current in developing rat hippocampus. European Journal of Neuroscience, 2006, 24, 94-104.	1.2	75
378	Endocannabinoids: A Critical Regulator of Activity in the Developing Brain. Epilepsy Currents, 2006, 6, 18-19.	0.4	1
379	Wrong-Way Chloride Transport: Is it a Treatable Cause of Some Intractable Seizures?. Epilepsy Currents, 2006, 6, 124-127.	0.4	40
380	Neonatal Seizures: Is a Novel, Mechanism-Based Treatment Finally on the Horizon?. Epilepsy Currents, 2006, 6, 130-132.	0.4	6
381	Exploiting the Other Inhibitory Ion: KCNQ Potassium Channels and Regulation of Excitability in Developing and Mature Brain. Epilepsy Currents, 2006, 6, 133-135.	0.4	0
382	When is Hot Not So Hot? Fever Reduces Brain Inhibition. Epilepsy Currents, 2006, 6, 167-169.	0.4	0

#	ARTICLE	IF	CITATIONS
383	Ethical, Legal, and Social Dimensions of Epilepsy Genetics. <i>Epilepsia</i> , 2006, 47, 1595-1602.	2.6	39
385	Neurotransmitter receptor expression and activity during neuronal differentiation of embryonal carcinoma and stem cells: from basic research towards clinical applications. <i>Cell Proliferation</i> , 2006, 39, 281-300.	2.4	52
386	Structure of a signaling-competent reelin fragment revealed by X-ray crystallography and electron tomography. <i>EMBO Journal</i> , 2006, 25, 3675-3683.	3.5	38
387	PSD-95 is a negative regulator of the tyrosine kinase Src in the NMDA receptor complex. <i>EMBO Journal</i> , 2006, 25, 4971-4982.	3.5	56
388	Modes and models of GABA <sub>A</sub> receptor gating. <i>Journal of Physiology</i> , 2006, 572, 183-200.	1.3	57
389	Downregulation of tonic GABA currents following epileptogenic stimulation of rat hippocampal cultures. <i>Journal of Physiology</i> , 2006, 577, 579-590.	1.3	23
390	Transcriptional regulation of neuronal phenotype in mammals. <i>Journal of Physiology</i> , 2006, 575, 379-387.	1.3	49
391	Regional variations in the glial influence on synapse development in the mouse CNS. <i>Journal of Physiology</i> , 2006, 577, 249-261.	1.3	47
392	The self-regulating nature of spontaneous synchronized activity in developing mouse cortical neurones. <i>Journal of Physiology</i> , 2006, 577, 155-167.	1.3	52
393	Immature hippocampal neuronal networks do not develop tolerance to the excitatory actions of ethanol. <i>Alcohol</i> , 2006, 40, 111-118.	0.8	25
394	Possible Mechanisms of Neurodegeneration in Schizophrenia. <i>Neurochemical Research</i> , 2006, 31, 1279-1294.	1.6	85
395	From clusters to stripes: The developmental origins of adult cerebellar compartmentation. <i>Cerebellum</i> , 2006, 5, 77-88.	1.4	92
396	What Is the Biological Significance of BDNF mRNA Targeting in the Dendrites?: Clues From Epilepsy and Cortical Development. <i>Molecular Neurobiology</i> , 2006, 33, 017-032.	1.9	50
397	Channeling Studies in Yeast: Yeast as a Model for Channelopathies?. <i>NeuroMolecular Medicine</i> , 2006, 8, 279-306.	1.8	15
398	The Molecular Pathology of Rett Syndrome: Synopsis and Update. <i>NeuroMolecular Medicine</i> , 2006, 8, 485-494.	1.8	17
399	Lissencephaly 1 Linking to Multiple Diseases: Mental Retardation, Neurodegeneration, Schizophrenia, Male Sterility, and More. <i>NeuroMolecular Medicine</i> , 2006, 8, 547-566.	1.8	37
400	Glutamate and Schizophrenia: Beyond the Dopamine Hypothesis. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 363-382.	1.7	782
401	Lowered DNA methyltransferase (DNMT-3b) mRNA expression is associated with genomic DNA hypermethylation in patients with chronic alcoholism. <i>Journal of Neural Transmission</i> , 2006, 113, 1299-1304.	1.4	141

#	ARTICLE	IF	CITATIONS
402	The enhancement of HCN channel instantaneous current facilitated by slow deactivation is regulated by intracellular chloride concentration. <i>Pflugers Archiv European Journal of Physiology</i> , 2006, 452, 718-727.	1.3	23
403	Genome-wide linkage of febrile seizures and epilepsy to the FEB4 locus at 5q14.3-q23.1 and no MASS1 mutation. <i>Human Genetics</i> , 2006, 118, 618-625.	1.8	19
404	Molecular cloning and differential expression of an $\hat{1}^3$ -aminobutyrate transaminase gene, OsGABA-T, in rice ( <i>Oryza sativa</i> ) leaves infected with blast fungus. <i>Journal of Plant Research</i> , 2006, 119, 663-669.	1.2	24
405	Neonatal neurosteroid administration results in development-specific alterations in prepulse inhibition and locomotor activity. <i>Psychopharmacology</i> , 2006, 186, 334-342.	1.5	27
406	Paradoxical effects of prenatal acetylcholinesterase blockade on neuro-behavioral development and drug-induced stereotypies in reeler mutant mice. <i>Psychopharmacology</i> , 2006, 187, 331-344.	1.5	63
407	Assessment of cognitive function in the heterozygous reeler mouse. <i>Psychopharmacology</i> , 2006, 189, 95-104.	1.5	88
408	Increased density of GABAA receptors in the superior temporal gyrus in schizophrenia. <i>Experimental Brain Research</i> , 2006, 168, 587-590.	0.7	60
409	The role of GABAB receptors in intracortical inhibition in the human motor cortex. <i>Experimental Brain Research</i> , 2006, 173, 86-93.	0.7	472
410	Modulating inhibitory ligand-gated ion channels. <i>AAPS Journal</i> , 2006, 8, E353-E361.	2.2	22
411	Substance use disorders and schizophrenia: A question of shared glutamatergic mechanisms. <i>Neurotoxicity Research</i> , 2006, 10, 221-233.	1.3	68
412	X-linked mental retardation and epigenetics. <i>Journal of Cellular and Molecular Medicine</i> , 2006, 10, 808-825.	1.6	15
413	Effects of chloride flux modulators in an in vitro model of brain edema formation. <i>Brain Research</i> , 2006, 1122, 222-229.	1.1	19
414	Isoflurane depresses hippocampal CA1 glutamate nerve terminals without inhibiting fiber volleys. <i>BMC Neuroscience</i> , 2006, 7, 5.	0.8	45
415	Variability of doublecortin-associated dendrite maturation in adult hippocampal neurogenesis is independent of the regulation of precursor cell proliferation. <i>BMC Neuroscience</i> , 2006, 7, 77.	0.8	319
416	Development of $\hat{1}^3$ -aminobutyric acidergic synapses in cultured hippocampal neurons. <i>Journal of Comparative Neurology</i> , 2006, 495, 497-510.	0.9	44
417	On the co-occurrence of startles and hippocampal sharp waves in newborn rats. <i>Hippocampus</i> , 2006, 16, 959-965.	0.9	44
418	Linkage disequilibrium, haplotype and association studies of a chromosome 4 GABA receptor gene cluster: Candidate gene variants for addictions. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 854-860.	1.1	73
419	Dynamic Changes in Histone H3 Lysine 9 Acetylation Localization Patterns During Neuronal Maturation Require MeCP2. <i>Epigenetics</i> , 2006, 1, 25-32.	1.3	37

#	ARTICLE	IF	CITATIONS
420	GABAergic Input onto CA3 Hippocampal Interneurons Remains Shunting throughout Development. <i>Journal of Neuroscience</i> , 2006, 26, 11720-11725.	1.7	123
421	GABAergic Excitation in the Basolateral Amygdala. <i>Journal of Neuroscience</i> , 2006, 26, 11881-11887.	1.7	72
422	Gene Expression Analysis Exposes Mitochondrial Abnormalities in a Mouse Model of Rett Syndrome. <i>Molecular and Cellular Biology</i> , 2006, 26, 5033-5042.	1.1	182
423	Neonatal loss of $\gamma$ -aminobutyric acid pathway expression after human perinatal brain injury. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 104, 396-408.	0.8	104
424	Ancestral reconstruction of the ligand-binding pocket of Family C G protein-coupled receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14050-14055.	3.3	44
425	Functional Convergence of Neurons Generated in the Developing and Adult Hippocampus. <i>PLoS Biology</i> , 2006, 4, e409.	2.6	317
426	The CHARGE Study: An Epidemiologic Investigation of Genetic and Environmental Factors Contributing to Autism. <i>Environmental Health Perspectives</i> , 2006, 114, 1119-1125.	2.8	352
427	Presynaptic Terminals Independently Regulate Synaptic Clustering and Autophagy of GABA <sub>A</sub> Receptors in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2006, 26, 1711-1720.	1.7	146
428	Genomic imprinting and the social brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 2229-2237.	1.8	103
429	Integrins Control Dendritic Spine Plasticity in Hippocampal Neurons through NMDA Receptor and Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase II-Mediated Actin Reorganization. <i>Journal of Neuroscience</i> , 2006, 26, 1813-1822.	1.7	180
430	Stromal-Derived Factor-1 (CXCL12) Regulates Lamina Position of Cajal-Retzius Cells in Normal and Dysplastic Brains. <i>Journal of Neuroscience</i> , 2006, 26, 9404-9412.	1.7	121
431	Reelin expression and glycosylation patterns are altered in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5573-5578.	3.3	196
432	Immunity and behavior: Antibodies alter emotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 678-683.	3.3	264
433	Reduced MeCP2 Expression is Frequent in Autism Frontal Cortex and Correlates with Aberrant MECP2 Promoter Methylation. <i>Epigenetics</i> , 2006, 1, 172-182.	1.3	306
434	Functional Dissection of Reelin Signaling by Site-Directed Disruption of Disabled-1 Adaptor Binding to Apolipoprotein E Receptor 2: Distinct Roles in Development and Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2006, 26, 2041-2052.	1.7	105
435	Single-Cell Characterization of Retrograde Signaling by Brain-Derived Neurotrophic Factor. <i>Journal of Neuroscience</i> , 2006, 26, 13531-13536.	1.7	62
436	Impaired Volume Regulation is the Mechanism of Excitotoxic Sensitization to Complement. <i>Journal of Neuroscience</i> , 2006, 26, 10177-10187.	1.7	7
437	Developmental Plasticity of Inhibitory Circuitry. <i>Journal of Neuroscience</i> , 2006, 26, 10358-10361.	1.7	16

#	ARTICLE	IF	CITATIONS
438	Control of the DNA Methylation System Component MBD2 by Protein Arginine Methylation. <i>Molecular and Cellular Biology</i> , 2006, 26, 7224-7235.	1.1	59
439	Characterization of brain neurons that express enzymes mediating neurosteroid biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14602-14607.	3.3	335
440	What makes humanity humane. <i>Journal of Biomedical Discovery and Collaboration</i> , 2006, 1, 15.	2.0	1
441	Anomalous levels of Cl <sup>-</sup> transporters in the hippocampal subiculum from temporal lobe epilepsy patients make GABA excitatory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8465-8468.	3.3	262
442	Mouse Disabled 1 Regulates the Nuclear Position of Neurons in a Drosophila Eye Model. <i>Molecular and Cellular Biology</i> , 2006, 26, 1510-1517.	1.1	21
443	Mutations in the K <sup>+</sup> /Cl <sup>-</sup> Cotransporter Gene <i>kazachoc</i> ( <i>kcc</i> ) Increase Seizure Susceptibility in Drosophila. <i>Journal of Neuroscience</i> , 2006, 26, 8943-8954.	1.7	83
444	Activity-Dependent Bidirectional Modification of Inhibitory Synaptic Transmission in Rat Subthalamic Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 7321-7327.	1.7	37
445	Å Subunit Susceptibility Variants E177A and R220H Associated with Complex Epilepsy Alter Channel Gating and Surface Expression of Å4beta2Å GABA <sub>A</sub> Receptors. <i>Journal of Neuroscience</i> , 2006, 26, 1499-1506.	1.7	81
446	An Epilepsy Mutation in the Sodium Channel SCN1A That Decreases Channel Excitability. <i>Journal of Neuroscience</i> , 2006, 26, 2714-2723.	1.7	82
447	Transcriptional Profiling of the Developing Rat Brain Reveals That the Most Dramatic Regional Differentiation in Gene Expression Occurs Postpartum. <i>Journal of Neuroscience</i> , 2006, 26, 345-353.	1.7	95
448	GABA Regulates Dendritic Growth by Stabilizing Lamellipodia in Newly Generated Interneurons of the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2006, 26, 12956-12966.	1.7	81
449	Indispensability of the glutamate transporters GLAST and GLT1 to brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12161-12166.	3.3	111
450	Extracellular Î <sup>3</sup> -Aminobutyrate Mediates Communication between Plants and Other Organisms. <i>Plant Physiology</i> , 2006, 142, 1350-1352.	2.3	108
451	Can Autism Speak to Neuroscience?. <i>Journal of Neuroscience</i> , 2006, 26, 6893-6896.	1.7	37
452	Seizure-Associated, Aberrant Neurogenesis in Adult Rats Characterized with Retrovirus-Mediated Cell Labeling. <i>Journal of Neuroscience</i> , 2007, 27, 9400-9407.	1.7	328
453	GABAergic Neurons Immunoreactive for Calcium Binding Proteins are Reduced in the Prefrontal Cortex in Major Depression. <i>Neuropsychopharmacology</i> , 2007, 32, 471-482.	2.8	354
454	ApoE2/VLDL receptor and Dab1 in the rostral migratory stream function in postnatal neuronal migration independently of Reelin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8508-8513.	3.3	54
455	Heterosynaptic Scaling of Developing GABAergic Synapses: Dependence on Glutamatergic Input and Developmental Stage. <i>Journal of Neuroscience</i> , 2007, 27, 5301-5312.	1.7	66

#	ARTICLE	IF	CITATIONS
456	Removal of GABA within Adult Modulatory Systems Alters Electrical Coupling and Allows Expression of an Embryonic-Like Network. <i>Journal of Neuroscience</i> , 2007, 27, 3626-3638.	1.7	10
457	NKCC1 Phosphorylation Stimulates Neurite Growth of Injured Adult Sensory Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 6751-6759.	1.7	79
458	K <sup>+</sup> Channel Facilitation of Exocytosis by Dynamic Interaction with Syntaxin. <i>Journal of Neuroscience</i> , 2007, 27, 1651-1658.	1.7	53
459	Excitatory GABA Action Is Essential for Morphological Maturation of Cortical Neurons In Vivo. <i>Journal of Neuroscience</i> , 2007, 27, 5224-5235.	1.7	349
460	Synaptic Integration of Adult-Generated Olfactory Bulb Granule Cells: Basal Axodendritic Centrifugal Input Precedes Apical Dendrodendritic Local Circuits. <i>Journal of Neuroscience</i> , 2007, 27, 9951-9961.	1.7	142
461	GABAergic Interneurons Facilitate Mossy Fiber Excitability in the Developing Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 1365-1373.	1.7	32
462	Rethinking Tuning: <i>In Vivo</i> Whole-Cell Recordings of the Inferior Colliculus in Awake Bats. <i>Journal of Neuroscience</i> , 2007, 27, 9469-9481.	1.7	78
463	Differential Synaptic Integration of Interneurons in the Outer and Inner Molecular Layers of the Developing Dentate Gyrus. <i>Journal of Neuroscience</i> , 2007, 27, 8219-8225.	1.7	10
464	Kinetic Properties of Cl <sup>-</sup> Uptake Mediated by Na <sup>+</sup> -Dependent K <sup>+</sup> -2Cl <sup>-</sup> Cotransport in Immature Rat Neocortical Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 8616-8627.	1.7	150
465	Early Changes in KCC2 Phosphorylation in Response to Neuronal Stress Result in Functional Downregulation. <i>Journal of Neuroscience</i> , 2007, 27, 1642-1650.	1.7	162
466	Thousands of human mobile element fragments undergo strong purifying selection near developmental genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8005-8010.	3.3	219
467	A Critical Function for $\beta$ -Amyloid Precursor Protein in Neuronal Migration Revealed by <i>In Utero</i> RNA Interference. <i>Journal of Neuroscience</i> , 2007, 27, 14459-14469.	1.7	314
468	Modafinil enhances thalamocortical activity by increasing neuronal electrotonic coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12554-12559.	3.3	121
469	GABAA Receptor-Mediated Signaling Alters the Structure of Spontaneous Activity in the Developing Retina. <i>Journal of Neuroscience</i> , 2007, 27, 9130-9140.	1.7	52
470	Structure of a receptor-binding fragment of reelin and mutational analysis reveal a recognition mechanism similar to endocytic receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9988-9993.	3.3	79
471	Are Anticorrelated Networks in the Brain Relevant to Schizophrenia?. <i>Schizophrenia Bulletin</i> , 2007, 33, 994-1003.	2.3	113
472	Alzheimer's-Type Amyloidosis in Transgenic Mice Impairs Survival of Newborn Neurons Derived from Adult Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2007, 27, 6771-6780.	1.7	203
473	Perinatal exposure to a noncoplanar polychlorinated biphenyl alters tonotopy, receptive fields, and plasticity in rat primary auditory cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7646-7651.	3.3	91

#	ARTICLE	IF	CITATIONS
474	Localization of HCN1 Channels to Presynaptic Compartments: Novel Plasticity That May Contribute to Hippocampal Maturation. <i>Journal of Neuroscience</i> , 2007, 27, 4697-4706.	1.7	65
475	ERG Conductance Expression Modulates the Excitability of Ventral Horn GABAergic Interneurons That Control Rhythmic Oscillations in the Developing Mouse Spinal Cord. <i>Journal of Neuroscience</i> , 2007, 27, 919-928.	1.7	57
476	Postsynaptic Secretion of BDNF and NT-3 from Hippocampal Neurons Depends on Calcium-Dependent Calmodulin Kinase II Signaling and Proceeds via Delayed Fusion Pore Opening. <i>Journal of Neuroscience</i> , 2007, 27, 10350-10364.	1.7	181
477	Dopamine Receptor Activation Modulates GABA Neuron Migration from the Basal Forebrain to the Cerebral Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 3813-3822.	1.7	113
478	A Critical Time for New Neurons in the Adult Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 5845-5846.	1.7	4
479	GABAergic Control of Adult Hippocampal Neurogenesis in Relation to Behavior Indicative of Trait Anxiety and Depression States. <i>Journal of Neuroscience</i> , 2007, 27, 3845-3854.	1.7	186
480	Reelin Depletion in the Entorhinal Cortex of Human Amyloid Precursor Protein Transgenic Mice and Humans with Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2007, 27, 2727-2733.	1.7	160
481	Evidence against GABA Release from Glutamatergic Mossy Fiber Terminals in the Developing Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 8088-8100.	1.7	49
482	Correlated network activity enhances synaptic efficacy via BDNF and the ERK pathway at immature CA3-CA1 connections in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13176-13181.	3.3	91
483	Roles of Volume-Sensitive Chloride Channel in Excitotoxic Neuronal Injury. <i>Journal of Neuroscience</i> , 2007, 27, 1445-1455.	1.7	77
484	Histone hyperacetylation induces demethylation of reelin and 67-kDa glutamic acid decarboxylase promoters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4676-4681.	3.3	170
485	Regulation of the GABA cell phenotype in hippocampus of schizophrenics and bipolars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10164-10169.	3.3	445
486	A Developmental Switch to GABAergic Inhibition Dependent on Increases in Kv1-Type K <sup>+</sup> Currents. <i>Journal of Neuroscience</i> , 2007, 27, 2112-2123.	1.7	54
487	NF- $\kappa$ B activity in distinct neural subtypes of the rat hippocampus: Influence of time and GABA antagonism in acute slice preparations. <i>Learning and Memory</i> , 2007, 14, 525-532.	0.5	12
488	Unique Requirement for Rb/E2F3 in Neuronal Migration: Evidence for Cell Cycle-Independent Functions. <i>Molecular and Cellular Biology</i> , 2007, 27, 4825-4843.	1.1	80
489	Reelin Regulates Neuronal Progenitor Migration in Intact and Epileptic Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 1803-1811.	1.7	202
490	Editing modifies the GABAA receptor subunit $\beta$ 3. <i>Rna</i> , 2007, 13, 698-703.	1.6	184
491	Partial rescue of MeCP2 deficiency by postnatal activation of MeCP2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1931-1936.	3.3	247

#	ARTICLE	IF	CITATIONS
492	MEGF9: a novel transmembrane protein with a strong and developmentally regulated expression in the nervous system. <i>Biochemical Journal</i> , 2007, 401, 447-457.	1.7	19
493	Novel roles for APC family members and Wingless/Wnt signaling during Drosophila brain development. <i>Developmental Biology</i> , 2007, 305, 358-376.	0.9	38
494	A Critical Period for Enhanced Synaptic Plasticity in Newly Generated Neurons of the Adult Brain. <i>Neuron</i> , 2007, 54, 559-566.	3.8	813
495	GAD67-Mediated GABA Synthesis and Signaling Regulate Inhibitory Synaptic Innervation in the Visual Cortex. <i>Neuron</i> , 2007, 54, 889-903.	3.8	277
496	The reelin receptors VLDLR and ApoER2 regulate sensorimotor gating in mice. <i>Neuropharmacology</i> , 2007, 52, 1114-1123.	2.0	23
497	Single unit and population responses during inhibitory gating of striatal activity in freely moving rats. <i>Neuroscience</i> , 2007, 146, 69-85.	1.1	29
498	Reorganization of receptive fields following hearing loss in inferior colliculus neurons. <i>Neuroscience</i> , 2007, 147, 532-545.	1.1	24
499	Disrupted-In-Schizophrenia 1 Regulates Integration of Newly Generated Neurons in the Adult Brain. <i>Cell</i> , 2007, 130, 1146-1158.	13.5	576
500	15q11-13 GABAA receptor genes are normally biallelically expressed in brain yet are subject to epigenetic dysregulation in autism-spectrum disorders. <i>Human Molecular Genetics</i> , 2007, 16, 691-703.	1.4	218
501	Hierarchical Disabled-1 Tyrosine Phosphorylation in Src family Kinase Activation and Neurite Formation. <i>Journal of Molecular Biology</i> , 2007, 368, 349-364.	2.0	11
502	Smoking during pregnancy: Postnatal effects on arousal and attentional brain systems. <i>NeuroToxicology</i> , 2007, 28, 915-923.	1.4	24
503	Neuroanatomical phenotypes in the Reeler mouse. <i>NeuroImage</i> , 2007, 34, 1363-1374.	2.1	60
504	DLX5 and DLX6 Expression Is Biallelic and Not Modulated by MeCP2 Deficiency. <i>American Journal of Human Genetics</i> , 2007, 81, 492-506.	2.6	48
505	The intense world syndrome "an alternative hypothesis for autism. <i>Frontiers in Neuroscience</i> , 2007, 1, 77-96.	1.4	278
506	Two pools of Triton X-100-insoluble GABA receptors are present in the brain, one associated to lipid rafts and another one to the post-synaptic GABAergic complex. <i>Journal of Neurochemistry</i> , 2007, 102, 1329-1345.	2.1	51
507	Processing of Reelin by Embryonic Neurons Is Important for Function in Tissue But Not in Dissociated Cultured Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 4243-4252.	1.7	132
508	NMDA Receptor Activation Potentiates Inhibitory Transmission through GABA Receptor-Associated Protein-Dependent Exocytosis of GABA <sub>A</sub> Receptors. <i>Journal of Neuroscience</i> , 2007, 27, 14326-14337.	1.7	162
509	Various Pharmacogenetic Aspects of Antiepileptic Drug Therapy. <i>CNS Drugs</i> , 2007, 21, 143-164.	2.7	40

#	ARTICLE	IF	CITATIONS
510	Reelin Signals through Phosphatidylinositol 3-Kinase and Akt To Control Cortical Development and through mTor To Regulate Dendritic Growth. <i>Molecular and Cellular Biology</i> , 2007, 27, 7113-7124.	1.1	210
511	Epigenetic mechanisms expressed in basal ganglia GABAergic neurons differentiate schizophrenia from bipolar disorder. <i>Schizophrenia Research</i> , 2007, 91, 51-61.	1.1	137
512	DNA fragmentation is increased in non-GABAergic neurons in bipolar disorder but not in schizophrenia. <i>Schizophrenia Research</i> , 2007, 93, 33-41.	1.1	65
513	Differential alterations of kainate receptor subunits in inhibitory interneurons in the anterior cingulate cortex in schizophrenia and bipolar disorder. <i>Schizophrenia Research</i> , 2007, 96, 46-61.	1.1	55
514	Photophysics of Clomeleon by FLIM: Discriminating Excited State Reactions along Neuronal Development. <i>Biophysical Journal</i> , 2007, 92, 2237-2254.	0.2	51
515	Concise Review: Prospects of Stem Cell Therapy for Temporal Lobe Epilepsy. <i>Stem Cells</i> , 2007, 25, 2396-2407.	1.4	86
516	Parvalbumin Neurons in the Entorhinal Cortex of Subjects Diagnosed With Bipolar Disorder or Schizophrenia. <i>Biological Psychiatry</i> , 2007, 61, 640-652.	0.7	72
517	Early Pharmacological Treatment of Autism: A Rationale for Developmental Treatment. <i>Biological Psychiatry</i> , 2007, 61, 521-537.	0.7	45
518	Neocortical Gray Matter Volume in First-Episode Schizophrenia and First-Episode Affective Psychosis: A Cross-Sectional and Longitudinal MRI Study. <i>Biological Psychiatry</i> , 2007, 62, 773-783.	0.7	148
519	Spatial Learning Depends on Both the Addition and Removal of New Hippocampal Neurons. <i>PLoS Biology</i> , 2007, 5, e214.	2.6	337
520	The Pafah1b Complex Interacts with the Reelin Receptor VLDLR. <i>PLoS ONE</i> , 2007, 2, e252.	1.1	57
521	Sp1 Expression Is Disrupted in Schizophrenia; A Possible Mechanism for the Abnormal Expression of Mitochondrial Complex I Genes, NDUFV1 and NDUFV2. <i>PLoS ONE</i> , 2007, 2, e817.	1.1	72
522	Parallel Driving and Modulatory Pathways Link the Prefrontal Cortex and Thalamus. <i>PLoS ONE</i> , 2007, 2, e848.	1.1	99
523	Ontogenetic Alterations in Molecular and Structural Correlates of Dendritic Growth after Developmental Exposure to Polychlorinated Biphenyls. <i>Environmental Health Perspectives</i> , 2007, 115, 556-563.	2.8	72
524	Evidence for an extended duration of GABA <sub>A</sub> -mediated excitation in the developing male versus female hippocampus. <i>Developmental Neurobiology</i> , 2007, 67, 1879-1890.	1.5	93
525	Power calculations for likelihood ratio tests for offspring genotype risks, maternal effects, and parent-of-origin (POO) effects in the presence of missing parental genotypes when unaffected siblings are available. <i>Genetic Epidemiology</i> , 2007, 31, 18-30.	0.6	39
526	Synaptic reorganization in subiculum and CA3 after early-life status epilepticus in the kainic acid rat model. <i>Epilepsy Research</i> , 2007, 73, 156-165.	0.8	38
527	Functional gene expression differences between inbred alcohol-preferring and "non-preferring rats in five brain regions. <i>Alcohol</i> , 2007, 41, 95-132.	0.8	107

#	ARTICLE	IF	CITATIONS
528	A scale-free systems theory of motivation and addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2007, 31, 1017-1045.	2.9	79
529	Channelopathies in idiopathic epilepsy. <i>Neurotherapeutics</i> , 2007, 4, 295-304.	2.1	101
530	A practical guide to robust detection of GABA in human brain by J-difference spectroscopy at 3 T using a standard volume coil. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1032-1038.	1.0	110
531	Cerebellar gene expression profiles of mouse models for Rett syndrome reveal novel MeCP2 targets. <i>BMC Medical Genetics</i> , 2007, 8, 36.	2.1	112
532	ApoER2 expression increases A $\beta$ production while decreasing Amyloid Precursor Protein (APP) endocytosis: Possible role in the partitioning of APP into lipid rafts and in the regulation of $\beta$ -secretase activity. <i>Molecular Neurodegeneration</i> , 2007, 2, 14.	4.4	66
533	Breathing dysfunctions associated with impaired control of postinspiratory activity in <i>Mecp2</i> <sup>-/-</sup> knockout mice. <i>Journal of Physiology</i> , 2007, 579, 863-876.	1.3	143
534	Presynaptic GABA <sub>A</sub> receptors facilitate GABAergic transmission to dopaminergic neurons in the ventral tegmental area of young rats. <i>Journal of Physiology</i> , 2007, 580, 731-743.	1.3	36
535	In the developing rat hippocampus a tonic GABA <sub>A</sub> -mediated conductance selectively enhances the glutamatergic drive of principal cells. <i>Journal of Physiology</i> , 2007, 581, 515-528.	1.3	44
536	Rat $\alpha$ 6 $\beta$ 2 $\gamma$ GABA <sub>A</sub> receptors exhibit two distinct and separable agonist affinities. <i>Journal of Physiology</i> , 2007, 581, 1001-1018.	1.3	54
537	The effects induced by the sulphonylurea glibenclamide on the neonatal rat spinal cord indicate a novel mechanism to control neuronal excitability and inhibitory neurotransmission. <i>British Journal of Pharmacology</i> , 2007, 150, 47-57.	2.7	19
538	The Dual Roles of GABA in Seizures and Epilepsy Generate More Excitement. <i>Epilepsy Currents</i> , 2007, 7, 28-30.	0.4	21
539	Role of endogenous nicotinic signaling in guiding neuronal development. <i>Biochemical Pharmacology</i> , 2007, 74, 1112-1119.	2.0	39
540	Regulation of synaptic transmission and plasticity by neuronal nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2007, 74, 1120-1133.	2.0	141
541	Vibrotactile adaptation fails to enhance spatial localization in adults with autism. <i>Brain Research</i> , 2007, 1154, 116-123.	1.1	94
542	Ethanol sensitization in a neurodevelopmental lesion model of Schizophrenia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 386-394.	1.3	40
543	<i>Mecp2</i> deficiency leads to delayed maturation and altered gene expression in hippocampal neurons. <i>Neurobiology of Disease</i> , 2007, 27, 77-89.	2.1	196
544	From anxiety to autism: spectrum of abnormal social behaviors modeled by progressive disruption of inhibitory neuronal function in the basolateral amygdala in Wistar rats. <i>Psychopharmacology</i> , 2007, 191, 107-118.	1.5	64
545	Activation of GABA <sub>B</sub> receptors reverses spontaneous gating deficits in juvenile DBA/2J mice. <i>Psychopharmacology</i> , 2007, 194, 361-369.	1.5	43

#	ARTICLE	IF	CITATIONS
546	Use of chromosome substitution strains to identify seizure susceptibility loci in mice. <i>Mammalian Genome</i> , 2007, 18, 23-31.	1.0	22
547	GABA and glutamate specifically induce contractions in the sponge <i>Tethya wilhelma</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2007, 193, 1-11.	0.7	65
548	Regulation of pancreatic islet cell survival and replication by $\hat{I}^3$ -aminobutyric acid. <i>Diabetologia</i> , 2007, 50, 764-773.	2.9	39
549	The solution structure of the core of mesoderm development (MESD), a chaperone for members of the LDLR-family. <i>Journal of Structural and Functional Genomics</i> , 2007, 7, 131-138.	1.2	7
550	Genetic Program of Neuronal Differentiation and Growth Induced by Specific Activation of NMDA Receptors. <i>Neurochemical Research</i> , 2007, 32, 363-376.	1.6	18
551	GABA and glutamate signaling: homeostatic control of adult forebrain neurogenesis. <i>Journal of Molecular Histology</i> , 2007, 38, 303-311.	1.0	44
552	Factor Analysis of the Aberrant Behavior Checklist in Individuals with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2007, 37, 1949-1959.	1.7	92
553	Inhibition of anion channels derived from mitochondrial membranes of the rat heart by stilbene disulfonateâ€™DIDS. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 301-311.	1.0	16
554	Cytoskeleton as a potential target in the neuropathology of maple syrup urine disease: Insight from animal studies. <i>Journal of Inherited Metabolic Disease</i> , 2007, 30, 664-672.	1.7	17
555	The Relevance of Neuroactive Steroids in Schizophrenia, Depression, and Anxiety Disorders. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 541-574.	1.7	49
556	Hippocampal CA1 Pyramidal Cell Size is Reduced in Bipolar Disorder. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 351-358.	1.7	43
557	Alteration in the GABAergic network of the prefrontal cortex in a potential animal model of psychosis. <i>Journal of Neural Transmission</i> , 2007, 114, 539-547.	1.4	22
558	Which perspectives can endophenotypes and biological markers offer in the early recognition of schizophrenia?. <i>Journal of Neural Transmission</i> , 2007, 114, 1199-1215.	1.4	33
559	A novel genetic locus for juvenile myoclonic epilepsy at chromosome 5q12â€™q14. <i>Human Genetics</i> , 2007, 121, 655-662.	1.8	12
560	Evaluation of autism traits in Angelman syndrome: a resource to unfold autism genes. <i>Neurogenetics</i> , 2007, 8, 169-178.	0.7	81
561	The state of the art in the genetic analysis of the epilepsies. <i>Current Neurology and Neuroscience Reports</i> , 2007, 7, 320-328.	2.0	47
562	Autistic-like symptomatology in Prader-Willi syndrome: A review of recent findings. <i>Current Psychiatry Reports</i> , 2007, 9, 159-164.	2.1	107
563	Molecular targets for antiepileptic drug development. <i>Neurotherapeutics</i> , 2007, 4, 18-61.	2.1	427

#	ARTICLE	IF	CITATIONS
564	Possible differences between the time courses of presynaptic and postsynaptic GABA <sub>B</sub> mediated inhibition in the human motor cortex. <i>Experimental Brain Research</i> , 2008, 184, 571-577.	0.7	40
565	Neurotrophic Factors in Autonomic Nervous System Plasticity and Dysfunction. <i>NeuroMolecular Medicine</i> , 2008, 10, 157-168.	1.8	19
566	Individualized preventive psychiatry: syndrome and vulnerability diagnostics. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 92-97.	1.8	10
567	The diagnosis of autism in a female: could it be Rett syndrome?. <i>European Journal of Pediatrics</i> , 2008, 167, 661-669.	1.3	58
568	Generation of <i>Frizzled10</i> -Cre transgenic mouse line: A useful tool for the study of dorsal telencephalic development. <i>Genesis</i> , 2008, 46, 523-529.	0.8	3
569	Developmental impact of a familial GABA <sub>A</sub> receptor epilepsy mutation. <i>Annals of Neurology</i> , 2008, 64, 284-293.	2.8	55
570	Thrombospondin-1 binds to ApoER2 and VLDL receptor and functions in postnatal neuronal migration. <i>EMBO Journal</i> , 2008, 27, 3069-3080.	3.5	90
571	Activity-dependent regulation of inhibitory synapse development by <i>Npas4</i> . <i>Nature</i> , 2008, 455, 1198-1204.	13.7	518
572	The molecular neurobiology of depression. <i>Nature</i> , 2008, 455, 894-902.	13.7	2,355
573	Neurexins and neuroligins link synaptic function to cognitive disease. <i>Nature</i> , 2008, 455, 903-911.	13.7	1,577
574	GABAergic synapse maturation: evidence of the instructive role of activity-dependent BDNF release. <i>Journal of Physiology</i> , 2008, 586, 5041-5041.	1.3	1
575	Regulation of neural progenitor cell development in the nervous system. <i>Journal of Neurochemistry</i> , 2008, 106, 2272-2287.	2.1	116
576	GABA Regulates Stem Cell Proliferation before Nervous System Formation. <i>Epilepsy Currents</i> , 2008, 8, 137-139.	0.4	19
577	A mirror up to nature. <i>Current Biology</i> , 2008, 18, R13-R18.	1.8	220
578	beta1-integrin mediates myelin-associated glycoprotein signaling in neuronal growth cones. <i>Molecular Brain</i> , 2008, 1, 10.	1.3	66
579	MEGF10 Association with Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 441-448.	0.7	16
580	Developmental Regulation of Neuromodulator Function in the Stomatogastric Ganglion of the Lobster, <i>Homarus americanus</i> . <i>Journal of Neuroscience</i> , 2008, 28, 9828-9839.	1.7	30
581	Disruption of Neurexin 1 Associated with Autism Spectrum Disorder. <i>American Journal of Human Genetics</i> , 2008, 82, 199-207.	2.6	545

#	ARTICLE	IF	CITATIONS
582	Dendritic NMDA Receptors Activate Axonal Calcium Channels. <i>Neuron</i> , 2008, 60, 298-307.	3.8	76
583	Interaction between Reelin and Notch Signaling Regulates Neuronal Migration in the Cerebral Cortex. <i>Neuron</i> , 2008, 60, 273-284.	3.8	197
584	Acute nicotine activates c-fos and activity-regulated cytoskeletal associated protein mRNA expression in limbic brain areas involved in the central stress-response in rat pups during a period of hypo-responsiveness to stress. <i>Neuroscience</i> , 2008, 157, 349-359.	1.1	9
585	Dopaminergic innervation of interneurons in the rat basolateral amygdala. <i>Neuroscience</i> , 2008, 157, 850-863.	1.1	62
586	Hyperpolarization activated cyclic-nucleotide gated (HCN) channels in developing neuronal networks. <i>Progress in Neurobiology</i> , 2008, 86, 129-140.	2.8	68
587	Epigenetic principles and mechanisms underlying nervous system functions in health and disease. <i>Progress in Neurobiology</i> , 2008, 86, 305-341.	2.8	252
588	A spatial bias for the origins of interneuron subgroups within the medial ganglionic eminence. <i>Developmental Biology</i> , 2008, 314, 127-136.	0.9	193
589	Epigenetic Regulation of <i>bdnf</i> Gene Transcription in the Consolidation of Fear Memory. <i>Journal of Neuroscience</i> , 2008, 28, 10576-10586.	1.7	717
590	Antipsychotic Drugs: Comparison in Animal Models of Efficacy, Neurotransmitter Regulation, and Neuroprotection. <i>Pharmacological Reviews</i> , 2008, 60, 358-403.	7.1	213
591	Loss of Inhibitory Neuron AMPA Receptors Contributes to Ataxia and Epilepsy in <i>Stargazer</i> Mice. <i>Journal of Neuroscience</i> , 2008, 28, 10599-10603.	1.7	80
592	Brain micro-ecologies: neural stem cell niches in the adult mammalian brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 123-137.	1.8	242
593	The changing impact of genes and environment on brain development during childhood and adolescence: Initial findings from a neuroimaging study of pediatric twins. <i>Development and Psychopathology</i> , 2008, 20, 1161-1175.	1.4	105
594	Glutamate Receptor Subtypes Evidenced by Differences in Desensitization and Dependence on the <i>GLR3.3</i> and <i>GLR3.4</i> Genes. <i>Plant Physiology</i> , 2008, 146, 323-324.	2.3	103
595	Cdk5 Regulates the Phosphorylation of Tyrosine 1472 NR2B and the Surface Expression of NMDA Receptors. <i>Journal of Neuroscience</i> , 2008, 28, 415-424.	1.7	148
596	The Reelin Signaling Pathway Promotes Dendritic Spine Development in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 10339-10348.	1.7	246
597	Chromosome 15q11-13 duplication syndrome brain reveals epigenetic alterations in gene expression not predicted from copy number. <i>Journal of Medical Genetics</i> , 2008, 46, 86-93.	1.5	116
598	MECP2 genomic structure and function: insights from ENCODE. <i>Nucleic Acids Research</i> , 2008, 36, 6035-6047.	6.5	51
599	Combined Neuroimaging, Neurocognitive and Psychiatric Factors to Predict Alcohol Consumption Following Treatment for Alcohol Dependence. <i>Alcohol and Alcoholism</i> , 2008, 43, 683-691.	0.9	74

#	ARTICLE	IF	CITATIONS
600	An Autonomous Circadian Clock in the Inner Mouse Retina Regulated by Dopamine and GABA. <i>PLoS Biology</i> , 2008, 6, e249.	2.6	133
601	Deletion of TrkB in adult progenitors alters newborn neuron integration into hippocampal circuits and increases anxiety-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15570-15575.	3.3	350
602	The <i>Drosophila</i> homologue of the Angelman syndrome ubiquitin ligase regulates the formation of terminal dendritic branches. <i>Human Molecular Genetics</i> , 2008, 18, 454-462.	1.4	90
603	Imbalance of Neocortical Excitation and Inhibition and Altered UP States Reflect Network Hyperexcitability in the Mouse Model of Fragile X Syndrome. <i>Journal of Neurophysiology</i> , 2008, 100, 2615-2626.	0.9	453
604	Kalirin-7 Is an Essential Component of both Shaft and Spine Excitatory Synapses in Hippocampal Interneurons. <i>Journal of Neuroscience</i> , 2008, 28, 711-724.	1.7	86
605	Potassium Dynamics in the Epileptic Cortex: New Insights on an Old Topic. <i>Neuroscientist</i> , 2008, 14, 422-433.	2.6	167
606	The Non-Benzodiazepine Hypnotic Zolpidem Impairs Sleep-Dependent Cortical Plasticity. <i>Sleep</i> , 2008, , .	0.6	14
607	Variation in the Large-Scale Organization of Gene Expression Levels in the Hippocampus Relates to Stable Epigenetic Variability in Behavior. <i>PLoS ONE</i> , 2008, 3, e3344.	1.1	28
608	Mutants of GABA Transaminase (POP2) Suppress the Severe Phenotype of succinic semialdehyde dehydrogenase (ssadh) Mutants in Arabidopsis. <i>PLoS ONE</i> , 2008, 3, e3383.	1.1	74
609	Excitation control: balancing PSD-95 function at the synapse. <i>Frontiers in Molecular Neuroscience</i> , 2008, 1, 4.	1.4	156
610	E/I balance and GABA <sub>A</sub> receptor plasticity. <i>Frontiers in Molecular Neuroscience</i> , 2008, 1, 5.	1.4	233
611	GABA <sub>A</sub> receptor dynamics and constructing GABAergic synapses. <i>Frontiers in Molecular Neuroscience</i> , 2008, 1, 7.	1.4	58
612	Photorelease of GABA with visible light using an inorganic caging group. <i>Frontiers in Neural Circuits</i> , 2008, 2, 2.	1.4	98
613	Multiple distinct subtypes of GABAergic neurons in mouse visual cortex identified by triple immunostaining. <i>Frontiers in Neuroanatomy</i> , 2008, 1, 3.	0.9	308
614	Subplate neurons: crucial regulators of cortical development and plasticity. <i>Frontiers in Neuroanatomy</i> , 2009, 3, 16.	0.9	73
615	Neural synchrony in cortical networks: history, concept and current status. <i>Frontiers in Integrative Neuroscience</i> , 2009, 3, 17.	1.0	571
616	Detection of Parent-of-Origin Effects Based on Complete and Incomplete Nuclear Families with Multiple Affected Children. <i>Human Heredity</i> , 2009, 67, 1-12.	0.4	20
617	Dual Functions of Dab1 during Brain Development. <i>Molecular and Cellular Biology</i> , 2009, 29, 324-332.	1.1	54

#	ARTICLE	IF	CITATIONS
618	Dysregulation of Histone Acetylation in the APP/PS1 Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 131-139.	1.2	255
619	A Neuroligin-4 Missense Mutation Associated with Autism Impairs Neuroligin-4 Folding and Endoplasmic Reticulum Export. <i>Journal of Neuroscience</i> , 2009, 29, 10843-10854.	1.7	162
620	Mapping of partially overlapping de novo deletions across an autism susceptibility region (<i>AUTS5</i>) in two unrelated individuals affected by developmental delays with communication impairment. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 588-597.	0.7	21
621	Plasmalemmal and vesicular Î³-aminobutyric acid transporter expression in the developing mouse retina. <i>Journal of Comparative Neurology</i> , 2009, 512, 6-26.	0.9	50
622	Dietary supplementation with cholesterol and docosahexaenoic acid affects concentrations of amino acids in tissues of young pigs. <i>Amino Acids</i> , 2009, 37, 709-716.	1.2	57
623	GABAA Receptor Downregulation in Brains of Subjects with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2009, 39, 223-230.	1.7	385
624	Interaction Between Gustatory Depolarizing Receptor Potential and Efferent-Induced Slow Depolarizing Synaptic Potential in Frog Taste Cell. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 243-252.	1.7	2
625	A comparative approach to the principal mechanisms of different memory systems. <i>Die Naturwissenschaften</i> , 2009, 96, 1373-1384.	0.6	13
626	Penelope's web: using Î±-latrotoxin to untangle the mysteries of exocytosis. <i>Journal of Neurochemistry</i> , 2009, 111, 275-290.	2.1	60
627	Desperately driven and no brakes: Developmental stress exposure and subsequent risk for substance abuse. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 516-524.	2.9	287
628	NMDA receptor subunit expression in GABAergic interneurons in the prefrontal cortex: Application of laser microdissection technique. <i>Journal of Neuroscience Methods</i> , 2009, 176, 172-181.	1.3	59
629	Neuropeptides in depression: Role of VGF. <i>Behavioural Brain Research</i> , 2009, 197, 262-278.	1.2	85
630	DNA methylation impacts on learning and memory in aging. <i>Neurobiology of Aging</i> , 2009, 30, 549-560.	1.5	125
631	LRRTM2 Functions as a Neurexin Ligand in Promoting Excitatory Synapse Formation. <i>Neuron</i> , 2009, 64, 791-798.	3.8	315
632	Does schizophrenia arise from oxidative dysregulation of parvalbumin-interneurons in the developing cortex?. <i>Neuropharmacology</i> , 2009, 57, 193-200.	2.0	145
633	Chapter 3 The Developmental Integration of Cortical Interneurons into a Functional Network. <i>Current Topics in Developmental Biology</i> , 2009, 87, 81-118.	1.0	191
634	The comorbidity of autism with the genomic disorders of chromosome 15q11.2-q13. <i>Neurobiology of Disease</i> , 2010, 38, 181-191.	2.1	241
635	Depression research: where are we now?. <i>Molecular Brain</i> , 2010, 3, 8.	1.3	121

#	ARTICLE	IF	CITATIONS
636	Guinea pig horizontal cells express GABA, the GABA-synthesizing enzyme GAD <sub>65</sub> , and the GABA vesicular transporter. <i>Journal of Comparative Neurology</i> , 2010, 518, 1647-1669.	0.9	40
637	The K <sup>+</sup> -Cl <sup>-</sup> cotransporter KCC2 promotes GABAergic excitation in the mature rat hippocampus. <i>Journal of Physiology</i> , 2010, 588, 1527-1540.	1.3	170
638	Dnmt1 and Dnmt3a maintain DNA methylation and regulate synaptic function in adult forebrain neurons. <i>Nature Neuroscience</i> , 2010, 13, 423-430.	7.1	892
639	Total folate and folic acid intakes from foods and dietary supplements of US children aged 1-13 y. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 353-358.	2.2	54
640	Reduced level of glutamic acid decarboxylase-67 kDa in the prefrontal cortex in major depression. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 411.	1.0	154
641	Genetic Fate Mapping Reveals That the Caudal Ganglionic Eminence Produces a Large and Diverse Population of Superficial Cortical Interneurons. <i>Journal of Neuroscience</i> , 2010, 30, 1582-1594.	1.7	478
642	Necdin Promotes Tangential Migration of Neocortical Interneurons from Basal Forebrain. <i>Journal of Neuroscience</i> , 2010, 30, 3709-3714.	1.7	24
643	Molecules and Mechanisms Involved in the Generation and Migration of Cortical Interneurons. <i>ASN Neuro</i> , 2010, 2, AN20090053.	1.5	82
644	Cerebrovascular Accidents in Elderly People Treated with Antipsychotic Drugs. <i>Drug Safety</i> , 2010, 33, 273-288.	1.4	86
645	Phosphoregulation of the Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> and K <sup>+</sup> -Cl <sup>-</sup> cotransporters by the WNK kinases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 1150-1158.	1.8	161
646	Histone Methylation Regulates Memory Formation. <i>Journal of Neuroscience</i> , 2010, 30, 3589-3599.	1.7	495
647	Acupuncture for autism spectrum disorders (ASD). <i>The Cochrane Library</i> , 2013, 2013, CD007849.	1.5	54
648	Selective Inhibitors of Histone Methyltransferase DOT1L: Design, Synthesis, and Crystallographic Studies. <i>Journal of the American Chemical Society</i> , 2011, 133, 16746-16749.	6.6	144
649	Mechanisms of Inhibition within the Telencephalon: "Where the Wild Things Are". <i>Annual Review of Neuroscience</i> , 2011, 34, 535-567.	5.0	205
650	The role of the cerebellum in schizophrenia: from cognition to molecular pathways. <i>Clinics</i> , 2011, 66, 71-77.	0.6	91
651	Development of Cortical GABAergic Innervation. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 14.	1.8	14
652	Gene induction and repression during terminal erythropoiesis are mediated by distinct epigenetic changes. <i>Blood</i> , 2011, 118, e128-e138.	0.6	103
653	A scan statistic to extract causal gene clusters from case-control genome-wide rare CNV data. <i>BMC Bioinformatics</i> , 2011, 12, 205.	1.2	6

#	ARTICLE	IF	CITATIONS
654	The clinical implications of mouse models of enhanced anxiety. <i>Future Neurology</i> , 2011, 6, 531-571.	0.9	68
655	Epigenetic Therapy for Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4465-4476.	1.8	36
656	Assortment of GABAergic Plasticity in the Cortical Interneuron Melting Pot. <i>Neural Plasticity</i> , 2011, 2011, 1-14.	1.0	40
657	Multi-Parametric Profiling Network Based on Gene Expression and Phenotype Data: A Novel Approach to Developmental Neurotoxicity Testing. <i>International Journal of Molecular Sciences</i> , 2012, 13, 187-207.	1.8	13
658	Kalirin, a Key Player in Synapse Formation, Is Implicated in Human Diseases. <i>Neural Plasticity</i> , 2012, 2012, 1-9.	1.0	51
659	Dynamic Changes in Interneuron Morphophysiological Properties Mark the Maturation of Hippocampal Network Activity. <i>Journal of Neuroscience</i> , 2012, 32, 6688-6698.	1.7	32
660	Coloured Filters Enhance the Visual Perception of Social Cues in Children with Autism Spectrum Disorders. <i>ISRN Neurology</i> , 2012, 2012, 1-6.	1.5	17
661	Linking Epigenetics to Human Disease and Rett Syndrome: The Emerging Novel and Challenging Concepts in MeCP2 Research. <i>Neural Plasticity</i> , 2012, 2012, 1-10.	1.0	72
662	Mouse Models of Down Syndrome as a Tool to Unravel the Causes of Mental Disabilities. <i>Neural Plasticity</i> , 2012, 2012, 1-26.	1.0	151
663	Cortical GABAergic Interneurons in Cross-Modal Plasticity following Early Blindness. <i>Neural Plasticity</i> , 2012, 2012, 1-20.	1.0	29
664	Activity-Dependent Callosal Axon Projections in Neonatal Mouse Cerebral Cortex. <i>Neural Plasticity</i> , 2012, 2012, 1-10.	1.0	12
665	GABA Metabolism and Transport: Effects on Synaptic Efficacy. <i>Neural Plasticity</i> , 2012, 2012, 1-12.	1.0	102
666	GABA through the Ages: Regulation of Cortical Function and Plasticity by Inhibitory Interneurons. <i>Neural Plasticity</i> , 2012, 2012, 1-11.	1.0	75
667	GABAergic Neuron Specification in the Spinal Cord, the Cerebellum, and the Cochlear Nucleus. <i>Neural Plasticity</i> , 2012, 2012, 1-11.	1.0	23
668	Inhalation Anesthesia-Induced Neuronal Damage and Gene Expression Changes in Developing Rat Brain. <i>Systems Pharmacology</i> , 2012, 1, 1-9.	1.0	6
669	Fast Synaptic Inhibition in Spinal Sensory Processing and Pain Control. <i>Physiological Reviews</i> , 2012, 92, 193-235.	13.1	312
670	GABA system dysfunction in autism and related disorders: From synapse to symptoms. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2044-2055.	2.9	346
671	Extrasynaptic GABAA Receptors: Their Function in the CNS and Implications for Disease. <i>Neuron</i> , 2012, 73, 23-34.	3.8	568

#	ARTICLE	IF	CITATIONS
672	Targeting Synaptic Dysfunction in Alzheimer's Disease Therapy. <i>Molecular Neurobiology</i> , 2012, 46, 572-587.	1.9	80
673	DNA methylation profiling in the clinic: applications and challenges. <i>Nature Reviews Genetics</i> , 2012, 13, 679-692.	7.7	675
674	Folate and DNA Methylation: A Review of Molecular Mechanisms and the Evidence for Folate's Role. <i>Advances in Nutrition</i> , 2012, 3, 21-38.	2.9	749
675	Maternal immune activation yields offspring displaying mouse versions of the three core symptoms of autism. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 607-616.	2.0	550
676	Crosstalk among Epigenetic Pathways Regulates Neurogenesis. <i>Frontiers in Neuroscience</i> , 2012, 6, 59.	1.4	105
677	Epigenetic modifications and diabetic nephropathy. <i>Kidney Research and Clinical Practice</i> , 2012, 31, 139-150.	0.9	11
678	Itga2b Regulation at the Onset of Definitive Hematopoiesis and Commitment to Differentiation. <i>PLoS ONE</i> , 2012, 7, e43300.	1.1	23
679	The Genetic and Epigenetic Journey of Embryonic Stem Cells into Mature Neural Cells. <i>Frontiers in Genetics</i> , 2012, 3, 81.	1.1	49
680	Refuting the challenges of the developmental shift of polarity of GABA actions: GABA more exciting than ever!. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 35.	1.8	139
681	New Neurons in Aging Brains: Molecular Control by Small Non-Coding RNAs. <i>Frontiers in Neuroscience</i> , 2012, 6, 25.	1.4	61
682	Identifying Context-Specific Gene Profiles of Social, Reproductive, and Mate Preference Behavior in a Fish Species with Female Mate Choice. <i>Frontiers in Neuroscience</i> , 2012, 6, 62.	1.4	22
683	Transcript Diversification in the Nervous System: A to I RNA Editing in CNS Function and Disease Development. <i>Frontiers in Neuroscience</i> , 2012, 6, 99.	1.4	67
684	A connectionist model of category learning by individuals with high-functioning autism spectrum disorder. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 371-389.	1.0	18
685	Adeno-associated virus (AAV) gene therapy for neurological disease. <i>Neuropharmacology</i> , 2013, 69, 82-88.	2.0	118
686	Prenatal and Early-Life Exposure to High-Level Diesel Exhaust Particles Leads to Increased Locomotor Activity and Repetitive Behaviors in Mice. <i>Autism Research</i> , 2013, 6, 248-257.	2.1	40
687	A Modular Gain-of-Function Approach to Generate Cortical Interneuron Subtypes from ES Cells. <i>Neuron</i> , 2013, 80, 1145-1158.	3.8	40
688	SHANK3 overexpression causes manic-like behaviour with unique pharmacogenetic properties. <i>Nature</i> , 2013, 503, 72-77.	13.7	323
689	Potential for pharmacological manipulation of human embryonic stem cells. <i>British Journal of Pharmacology</i> , 2013, 169, 269-289.	2.7	11

#	ARTICLE	IF	CITATIONS
690	Convergent functional genomics in addiction research - a translational approach to study candidate genes and gene networks. <i>In Silico Pharmacology</i> , 2013, 1, 18.	1.8	15
691	Disruption of the non-canonical Wnt gene PRICKLE2 leads to autism-like behaviors with evidence for hippocampal synaptic dysfunction. <i>Molecular Psychiatry</i> , 2013, 18, 1077-1089.	4.1	74
692	Histone acetylation: molecular mnemonics on the chromatin. <i>Nature Reviews Neuroscience</i> , 2013, 14, 97-111.	4.9	512
693	Modulation of Epigenetic Targets for Anticancer Therapy: Clinicopathological Relevance, Structural Data and Drug Discovery Perspectives. <i>Current Pharmaceutical Design</i> , 2013, 19, 578-613.	0.9	69
694	Genetic and Epigenetic Regulation in Age-Related Macular Degeneration. <i>Asia-Pacific Journal of Ophthalmology</i> , 2013, 2, 269-274.	1.3	5
695	Epigenetic Effect of Chronic Stress on Dopamine Signaling and Depression. <i>Genetics &amp; Epigenetics</i> , 2013, 5, GEC.S11016.	2.5	21
696	Effects of Prenatal Testosterone Exposure on Sexually Dimorphic Gene Expression in the Neonatal Mouse Cortex and Hippocampus. <i>Journal of Steroids &amp; Hormonal Science</i> , 2013, 05, .	0.1	3
697	Valerian Inhibits Rat Hepatocarcinogenesis by Activating GABA(A) Receptor-Mediated Signaling. <i>PLoS ONE</i> , 2014, 9, e113610.	1.1	11
698	Exome Sequencing Identifies Three Novel Candidate Genes Implicated in Intellectual Disability. <i>PLoS ONE</i> , 2014, 9, e112687.	1.1	23
699	Late-Onset of Spinal Neurodegeneration in Knock-In Mice Expressing a Mutant BiP. <i>PLoS ONE</i> , 2014, 9, e112837.	1.1	34
700	Characterization of the MeCP2R168X Knockin Mouse Model for Rett Syndrome. <i>PLoS ONE</i> , 2014, 9, e115444.	1.1	32
701	MeCP2-Related Diseases and Animal Models. <i>Diseases (Basel, Switzerland)</i> , 2014, 2, 45-70.	1.0	49
702	Altered Actions of Memantine and NMDA-Induced Currents in a New Grid2-Deleted Mouse Line. <i>Genes</i> , 2014, 5, 1095-1114.	1.0	9
703	Activity-dependent expression of neuronal PAS domain-containing protein 4 (npas4a) in the developing zebrafish brain. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 148.	0.9	15
704	Diffusion dynamics of synaptic molecules during inhibitory postsynaptic plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 300.	1.8	50
705	Shaping inhibition: activity dependent structural plasticity of GABAergic synapses. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 327.	1.8	52
706	Functional and structural specific roles of activity-driven BDNF within circuits formed by single spiny stellate neurons of the barrel cortex. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 372.	1.8	5
707	De-regulation of gene expression and alternative splicing affects distinct cellular pathways in the aging hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 373.	1.8	101

#	ARTICLE	IF	CITATIONS
708	Convergence of circuit dysfunction in ASD: a common bridge between diverse genetic and environmental risk factors and common clinical electrophysiology. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 414.	1.8	31
709	Gene regulatory network analysis reveals differences in site-specific cell fate determination in mammalian brain. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 437.	1.8	28
710	The role of GABA in the regulation of GnRH neurons. <i>Frontiers in Neuroscience</i> , 2014, 8, 387.	1.4	98
711	Age-related decreased inhibitory vs. excitatory gene expression in the adult autistic brain. <i>Frontiers in Neuroscience</i> , 2014, 8, 394.	1.4	20
712	What you Seize is What you Get: Do We Yet Understand Epilepsy in Rett Syndrome?. <i>Epilepsy Currents</i> , 2014, 14, 283-285.	0.4	2
713	An Investigation of the Late Excitatory Potentials in the Hand following Transcranial Magnetic Stimulation in Early Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 457-464.	0.6	3
714	Characterizing heterogeneity in leukemic cells using single-cell gene expression analysis. <i>Genome Biology</i> , 2014, 15, 525.	3.8	54
715	SUV39H1/H3K9me3 attenuates sulforaphane-induced apoptotic signaling in PC3 prostate cancer cells. <i>Oncogenesis</i> , 2014, 3, e131-e131.	2.1	25
716	Molecular and genetic basis of depression. <i>Journal of Genetics</i> , 2014, 93, 879-892.	0.4	22
717	Reciprocal signaling between translational control pathways and synaptic proteins in autism spectrum disorders. <i>Science Signaling</i> , 2014, 7, re10.	1.6	91
718	Positron Emission Tomography with [18F]FLT Revealed Sevoflurane-Induced Inhibition of Neural Progenitor Cell Expansion in vivo. <i>Frontiers in Neurology</i> , 2014, 5, 234.	1.1	11
719	Benzodiazepines and the potential trophic effect of antidepressants on dentate gyrus cells in mood disorders. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1923-1933.	1.0	46
720	Predictive value of epigenetic alterations in head and neck squamous cell carcinoma. <i>Molecular and Cellular Oncology</i> , 2014, 1, e954827.	0.3	15
721	Expression Quantitative Trait Loci and Receptor Pharmacology Implicate Arg1 and the GABA-A Receptor as Therapeutic Targets in Neuroblastoma. <i>Cell Reports</i> , 2014, 9, 1034-1046.	2.9	28
722	The roles of Jumonji-type oxygenases in human disease. <i>Epigenomics</i> , 2014, 6, 89-120.	1.0	141
723	Characterization of Np95 expression in mouse brain from embryo to adult: A novel marker for proliferating neural stem/precursor cells. <i>Neurogenesis (Austin, Tex )</i> , 2014, 1, e976026.	1.5	18
724	Modeling the Molecular Epigenetic Profile of Psychosis in Prenatally Stressed Mice. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 128, 89-101.	0.9	20
725	GABA and glutamate in schizophrenia: A 7ÂT 1H-MRS study. <i>NeuroImage: Clinical</i> , 2014, 6, 398-407.	1.4	129

#	ARTICLE	IF	CITATIONS
726	Neurobiology of <i>Caenorhabditis elegans</i> Locomotion: Where Do We Stand?. <i>BioScience</i> , 2014, 64, 476-486.	2.2	96
727	Adult hippocampal neurogenesis and its role in cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2014, 5, 573-587.	1.4	73
728	ECM receptors in neuronal structure, synaptic plasticity, and behavior. <i>Progress in Brain Research</i> , 2014, 214, 101-131.	0.9	72
729	AF10 Regulates Progressive H3K79 Methylation and HOX Gene Expression in Diverse AML Subtypes. <i>Cancer Cell</i> , 2014, 26, 896-908.	7.7	153
730	NPAS1 Represses the Generation of Specific Subtypes of Cortical Interneurons. <i>Neuron</i> , 2014, 84, 940-953.	3.8	60
731	Selective synaptic targeting of the excitatory and inhibitory presynaptic organizers, FGF22 and FGF7. <i>Journal of Cell Science</i> , 2015, 128, 281-92.	1.2	24
732	GABA-A Receptor Inhibition of Local Calcium Signaling in Spines and Dendrites. <i>Journal of Neuroscience</i> , 2014, 34, 15898-15911.	1.7	75
733	GABA $\text{\AA}$ receptor $\text{\AA}$ dependent mechanisms prevent excessive spine elimination during postnatal maturation of the mouse cortex <i>in vivo</i> . <i>FEBS Letters</i> , 2014, 588, 4551-4560.	1.3	4
734	MET Receptor Tyrosine Kinase Controls Dendritic Complexity, Spine Morphogenesis, and Glutamatergic Synapse Maturation in the Hippocampus. <i>Journal of Neuroscience</i> , 2014, 34, 16166-16179.	1.7	57
735	The Future of Neuroepigenetics in the Human Brain. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 128, 199-228.	0.9	14
736	Epigenetics in the hematologic malignancies. <i>Haematologica</i> , 2014, 99, 1772-1783.	1.7	60
737	Can genome engineering be used to target cancer-associated enhancers?. <i>Epigenomics</i> , 2014, 6, 493-501.	1.0	7
738	Evolution and expression analysis of the soybean glutamate decarboxylase gene family. <i>Journal of Biosciences</i> , 2014, 39, 899-907.	0.5	10
739	GABAergic/glutamatergic imbalance relative to excessive neuroinflammation in autism spectrum disorders. <i>Journal of Neuroinflammation</i> , 2014, 11, 189.	3.1	168
740	Scrutinizing the epigenetics revolution. <i>BioSocieties</i> , 2014, 9, 431-456.	0.8	168
741	Fragile X spectrum disorders. <i>Intractable and Rare Diseases Research</i> , 2014, 3, 134-146.	0.3	150
742	Modulation of GABAergic transmission in development and neurodevelopmental disorders: investigating physiology and pathology to gain therapeutic perspectives. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 119.	1.8	151
743	Local Application of Sodium Salicylate Enhances Auditory Responses in the Rat's Dorsal Cortex of the Inferior Colliculus. <i>Frontiers in Neurology</i> , 2014, 5, 235.	1.1	14

#	ARTICLE	IF	CITATIONS
744	Allopregnanolone as regenerative therapeutic for Alzheimer's disease: Translational development and clinical promise. <i>Progress in Neurobiology</i> , 2014, 113, 40-55.	2.8	86
745	Cntnap4 differentially contributes to GABAergic and dopaminergic synaptic transmission. <i>Nature</i> , 2014, 511, 236-240.	13.7	158
746	hPSC-Derived Maturing GABAergic Interneurons Ameliorate Seizures and Abnormal Behavior in Epileptic Mice. <i>Cell Stem Cell</i> , 2014, 15, 559-573.	5.2	171
747	Impaired Action Potential Initiation in GABAergic Interneurons Causes Hyperexcitable Networks in an Epileptic Mouse Model Carrying a Human Na <sup>v</sup> 1.1 Mutation. <i>Journal of Neuroscience</i> , 2014, 34, 14874-14889.	1.7	138
748	Extracellular matrix assembly: a multiscale deconstruction. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 771-785.	16.1	1,061
749	Parvalbumin and GAD65 Interneuron Inhibition in the Ventral Hippocampus Induces Distinct Behavioral Deficits Relevant to Schizophrenia. <i>Journal of Neuroscience</i> , 2014, 34, 14948-14960.	1.7	78
750	Pharmacologic inhibition of histone demethylation as a therapy for pediatric brainstem glioma. <i>Nature Medicine</i> , 2014, 20, 1394-1396.	15.2	411
751	Structure-activity relationship studies of SETD8 inhibitors. <i>MedChemComm</i> , 2014, 5, 1892-1898.	3.5	28
752	Histone-Mediated Epigenetics in Addiction. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 128, 51-87.	0.9	17
753	FMRP regulates multipolar to bipolar transition affecting neuronal migration and cortical circuitry. <i>Nature Neuroscience</i> , 2014, 17, 1693-1700.	7.1	117
754	Chemical Cryptology of Cancer's Histone Code. <i>Chemistry and Biology</i> , 2014, 21, 1419-1421.	6.2	0
755	PICK1 Mediates Synaptic Recruitment of AMPA Receptors at Neurexin-Induced Postsynaptic Sites. <i>Journal of Neuroscience</i> , 2014, 34, 15415-15424.	1.7	11
756	Efficient Modulation of Î³-Aminobutyric Acid Type A Receptors by Piperine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5602-5619.	2.9	54
757	From early markers to neuro-developmental mechanisms of autism. <i>Developmental Review</i> , 2014, 34, 189-207.	2.6	109
758	Ubiquitin-proteasome dependent degradation of GABAÎ±1 in autism spectrum disorder. <i>Molecular Autism</i> , 2014, 5, 45.	2.6	42
759	Modeling possible effects of atypical cerebellar processing on eyeblink conditioning in autism. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 1142-1164.	1.0	3
760	Neurotrophin signaling and visceral hypersensitivity. <i>Frontiers in Biology</i> , 2014, 9, 216-224.	0.7	10
761	NMDA receptor- and ERK-dependent histone methylation changes in the lateral amygdala bidirectionally regulate fear memory formation. <i>Learning and Memory</i> , 2014, 21, 351-362.	0.5	51

#	ARTICLE	IF	CITATIONS
762	Targeting histone lysine demethylases â€” Progress, challenges, and the future. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1416-1432.	0.9	170
763	Equalizing excitationâ€“inhibition ratios across visual cortical neurons. <i>Nature</i> , 2014, 511, 596-600.	13.7	626
764	Metabolic mapping of deep brain structures and associations with symptomatology in autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 44-51.	0.8	37
765	Neurogenesis in the embryonic and adult brain: same regulators, different roles. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 396.	1.8	390
766	New insight in expression, transport, and secretion of brain-derived neurotrophic factor: Implications in brain-related diseases. <i>World Journal of Biological Chemistry</i> , 2014, 5, 409.	1.7	132
767	Site-specific methylation changes in the glucocorticoid receptor exon 1F promoter in relation to life adversity: systematic review of contributing factors. <i>Frontiers in Neuroscience</i> , 2014, 8, 369.	1.4	84
768	Pharmacologic down-regulation of EZH2 suppresses bladder cancer <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2014, 5, 10342-10355.	0.8	35
769	Use of Epigenetic Drugs in Disease: An Overview. <i>Genetics &amp; Epigenetics</i> , 2014, 6, GEG.S12270.	2.5	260

770

#	ARTICLE	IF	CITATIONS
780	Epigenome-modifying tools in asthma. <i>Epigenomics</i> , 2015, 7, 1017-1032.	1.0	49
781	An Integrated Prognostic Classifier for Stage I Lung Adenocarcinoma Based on mRNA, microRNA, and DNA Methylation Biomarkers. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1037-1048.	0.5	103
782	Theoretical cross-comparative analysis on dynamics of small intestine and colon crypts during cancer initiation. <i>IET Systems Biology</i> , 2015, 9, 259-267.	0.8	1
783	Diazepam effect during early neonatal development correlates with neuronal Cl <sup>+</sup> . <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 1055-1070.	1.7	17
784	Genome-Wide Mapping of DNA Hydroxymethylation in Osteoarthritic Chondrocytes. <i>Arthritis and Rheumatology</i> , 2015, 67, 2129-2140.	2.9	37
785	Altered resting perfusion and functional connectivity of default mode network in youth with autism spectrum disorder. <i>Brain and Behavior</i> , 2015, 5, e00358.	1.0	77
786	Hippocampal neuron populations are reduced in vervet monkeys with fetal alcohol exposure. <i>Developmental Psychobiology</i> , 2015, 57, 470-485.	0.9	18
787	Reactive astrocytes as neural stem or progenitor cells: In vivo lineage, In vitro potential, and Genome-wide expression analysis. <i>Glia</i> , 2015, 63, 1452-1468.	2.5	215
788	Stretching the imagination beyond muscle spindles – stretch-sensitive mechanisms in arthropods. <i>Journal of Anatomy</i> , 2015, 227, 237-242.	0.9	5
789	Exposure to 50ÂHz magnetic field modulates GABA <sub>A</sub> currents in cerebellar granule neurons through an EP receptor-mediated PKC pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2413-2422.	1.6	5
790	Blocking the GABA transporter GAT-1 ameliorates spinal GABAergic disinhibition and neuropathic pain induced by paclitaxel. <i>Journal of Neurochemistry</i> , 2015, 133, 857-869.	2.1	39
791	EZH2 is highly expressed in pituitary adenomas and associated with proliferation. <i>Scientific Reports</i> , 2015, 5, 16965.	1.6	11
792	Histone demethylase JMJD3 is required for osteoblast differentiation in mice. <i>Scientific Reports</i> , 2015, 5, 13418.	1.6	31
793	Presynaptic hyperpolarization induces a fast analogue modulation of spike-evoked transmission mediated by axonal sodium channels. <i>Nature Communications</i> , 2015, 6, 10163.	5.8	58
794	EZH2 promotes progression of small cell lung cancer by suppressing the TGF-Î²-Smad-ASCL1 pathway. <i>Cell Discovery</i> , 2015, 1, 15026.	3.1	75
795	Selective inhibition of EZH2 and EZH1 enzymatic activity by a small molecule suppresses MLL-rearranged leukemia. <i>Blood</i> , 2015, 125, 346-357.	0.6	188
796	Enduring deficits in memory and neuronal pathology after blast-induced traumatic brain injury. <i>Scientific Reports</i> , 2015, 5, 15075.	1.6	48
797	Ezh2 is involved in radial neuronal migration through regulating Reelin expression in cerebral cortex. <i>Scientific Reports</i> , 2015, 5, 15484.	1.6	30

#	ARTICLE	IF	CITATIONS
798	The interplay of histone modifications “writers that read. <i>EMBO Reports</i> , 2015, 16, 1467-1481.	2.0	604
799	AF9 promotes hESC neural differentiation through recruiting TET2 to neurodevelopmental gene loci for methylcytosine hydroxylation. <i>Cell Discovery</i> , 2015, 1, 15017.	3.1	20
800	Molecular and evolutionary insights into the structural organization of cation chloride cotransporters. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 470.	1.8	43
801	Distinct behavioral consequences of short-term and prolonged GABAergic depletion in prefrontal cortex and dorsal hippocampus. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 452.	1.0	22
802	Characterizing synaptic protein development in human visual cortex enables alignment of synaptic age with rat visual cortex. <i>Frontiers in Neural Circuits</i> , 2015, 9, 3.	1.4	35
803	PRC2 inhibition counteracts the culture-associated loss of engraftment potential of human cord blood-derived hematopoietic stem and progenitor cells. <i>Scientific Reports</i> , 2015, 5, 12319.	1.6	5
804	Sequence Analysis and Evolutionary Studies of Reelin Proteins. <i>Bioinformatics and Biology Insights</i> , 2015, 9, BBI.S26530.	1.0	10
805	The p53 co-activator Zac1 neither induces cell cycle arrest nor apoptosis in chicken Lim1 horizontal progenitor cells. <i>Cell Death Discovery</i> , 2015, 1, 15023.	2.0	7
806	Running Improves Pattern Separation during Novel Object Recognition. <i>Brain Plasticity</i> , 2015, 1, 129-141.	1.9	66
807	Relationship between somatostatin and death receptor expression in the orbital frontal cortex in schizophrenia: a postmortem brain mRNA study. <i>NPJ Schizophrenia</i> , 2015, 1, 14004.	2.0	25
808	PACAP modulation of calcium ion activity in developing granule cells of the neonatal mouse olfactory bulb. <i>Journal of Neurophysiology</i> , 2015, 113, 1234-1248.	0.9	7
809	Apical versus Basal Neurogenesis Directs Cortical Interneuron Subclass Fate. <i>Cell Reports</i> , 2015, 13, 1090-1095.	2.9	78
810	Bioinformatics analysis of thousands of TCGA tumors to determine the involvement of epigenetic regulators in human cancer. <i>BMC Genomics</i> , 2015, 16, S5.	1.2	29
811	Epigenetic effects of casein-derived opioid peptides in SH-SY5Y human neuroblastoma cells. <i>Nutrition and Metabolism</i> , 2015, 12, 54.	1.3	26
812	GABAergic inhibition is weakened or converted into excitation in the oxytocin and vasopressin neurons of the lactating rat. <i>Molecular Brain</i> , 2015, 8, 34.	1.3	32
813	Pharmacologically relevant doses of valproate upregulate CD20 expression in three diffuse large B-cell lymphoma patients in vivo. <i>Experimental Hematology and Oncology</i> , 2015, 4, 4.	2.0	18
814	Altered modulation of gamma oscillation frequency by speed of visual motion in children with autism spectrum disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 21.	1.5	25
815	Characterizing 5-hydroxymethylcytosine in human prefrontal cortex at single base resolution. <i>BMC Genomics</i> , 2015, 16, 672.	1.2	38

#	ARTICLE	IF	CITATIONS
816	Loss of Ezh2 promotes a midbrain-to-forebrain identity switch by direct gene derepression and Wnt-dependent regulation. <i>BMC Biology</i> , 2015, 13, 103.	1.7	42
817	Genes and brain malformations associated with abnormal neuron positioning. <i>Molecular Brain</i> , 2015, 8, 72.	1.3	59
818	Distinct roles of DNMT1-dependent and DNMT1-independent methylation patterns in the genome of mouse embryonic stem cells. <i>Genome Biology</i> , 2015, 16, 115.	3.8	70
819	A neuroligin-3 mutation implicated in autism causes abnormal aggression and increases repetitive behavior in mice. <i>Molecular Autism</i> , 2015, 6, 62.	2.6	66
820	Acute TrkB inhibition rescues phenobarbital-resistant seizures in a mouse model of neonatal ischemia. <i>European Journal of Neuroscience</i> , 2015, 42, 2792-2804.	1.2	25
821	Visual evoked potentials detect cortical processing deficits in Rett syndrome. <i>Annals of Neurology</i> , 2015, 78, 775-786.	2.8	96
822	<i>GABRA2</i> Alcohol Dependence Risk Allele is Associated with Reduced Expression of Chromosome 4p12 GABA <sub>A</sub> Subunit Genes in Human Neural Cultures. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 1654-1664.	1.4	44
823	Delayed <i>in vitro</i> development of Up states but normal network plasticity in Fragile X circuits. <i>European Journal of Neuroscience</i> , 2015, 42, 2312-2321.	1.2	12
824	<i>NG2</i> Glia and their functions in the central nervous system. <i>Glia</i> , 2015, 63, 1429-1451.	2.5	204
825	Polycomb Group (PcG) Proteins and Human Cancers: Multifaceted Functions and Therapeutic Implications. <i>Medicinal Research Reviews</i> , 2015, 35, 1220-1267.	5.0	93
826	Epigenetic Mechanisms in the Pathophysiology of Psychotic Disorders. <i>Harvard Review of Psychiatry</i> , 2015, 23, 212-222.	0.9	7
827	Hairy/Enhancer-of-Split MEGANE and Proneural MASH1 Factors Cooperate Synergistically in Midbrain GABAergic Neurogenesis. <i>PLoS ONE</i> , 2015, 10, e0127681.	1.1	11
828	Spotlight on decitabine for myelodysplastic syndromes in Chinese patients. <i>OncoTargets and Therapy</i> , 2015, 8, 2783.	1.0	3
829	A selective review of glutamate pharmacological therapy in obsessive&ndash;compulsive and related disorders. <i>Psychology Research and Behavior Management</i> , 2015, 8, 115.	1.3	31
830	Targeting EZH2 for Cancer Therapy: Progress and Perspective. <i>Current Protein and Peptide Science</i> , 2015, 16, 559-570.	0.7	57
831	MeCP2 in the regulation of neural activity: Rett syndrome pathophysiological perspectives. <i>Degenerative Neurological and Neuromuscular Disease</i> , 2015, 5, 103.	0.7	5
832	New Therapeutic Options for Autism Spectrum Disorder: Experimental Evidences. <i>Experimental Neurobiology</i> , 2015, 24, 301-311.	0.7	13
833	NBAT1 suppresses breast cancer metastasis by regulating DKK1 via PRC2. <i>Oncotarget</i> , 2015, 6, 32410-32425.	0.8	80

#	ARTICLE	IF	CITATIONS
834	Brain in flames &ndash; animal models of psychosis: utility and limitations. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 1313.	1.0	12
835	Increased expression of retinoic acid-induced gene 1 in the dorsolateral prefrontal cortex in schizophrenia, bipolar disorder, and major depression. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 279.	1.0	25
836	Targeting activating mutations of EZH2 leads to potent cell growth inhibition in human melanoma by derepression of tumor suppressor genes. <i>Oncotarget</i> , 2015, 6, 27023-27036.	0.8	83
837	Multifactorial Origin of Neurodevelopmental Disorders: Approaches to Understanding Complex Etiologies. <i>Toxics</i> , 2015, 3, 89-129.	1.6	65
838	Exploring the Validity of Valproic Acid Animal Model of Autism. <i>Experimental Neurobiology</i> , 2015, 24, 285-300.	0.7	165
839	Synthesis of lysine methyltransferase inhibitors. <i>Frontiers in Chemistry</i> , 2015, 3, 44.	1.8	7
840	On the Role of Glutamate in Presynaptic Development: Possible Contributions of Presynaptic NMDA Receptors. <i>Biomolecules</i> , 2015, 5, 3448-3466.	1.8	23
841	Role of Hybrid Brain Imaging in Neuropsychiatric Disorders. <i>Diagnostics</i> , 2015, 5, 577-614.	1.3	11
842	Role of Mecp2 in Experience-Dependent Epigenetic Programming. <i>Genes</i> , 2015, 6, 60-86.	1.0	40
843	Neurological and Epigenetic Implications of Nutritional Deficiencies on Psychopathology: Conceptualization and Review of Evidence. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18129-18148.	1.8	13
844	EZH2 in Bladder Cancer, a Promising Therapeutic Target. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27107-27132.	1.8	57
845	FIB/SEM technology and high-throughput 3D reconstruction of dendritic spines and synapses in GFP-labeled adult-generated neurons. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 60.	0.9	66
846	The autistic brain in the context of normal neurodevelopment. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 115.	0.9	9
847	Pre-reproductive maternal enrichment influences rat maternal care and offspring developmental trajectories: behavioral performances and neuroplasticity correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 66.	1.0	37
848	Lentiviral silencing of GSK-3 $\beta$ in adult dentate gyrus impairs contextual fear memory and synaptic plasticity. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 158.	1.0	27
849	Targeting Glia with N-Acetylcysteine Modulates Brain Glutamate and Behaviors Relevant to Neurodevelopmental Disorders in C57BL/6J Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 343.	1.0	32
850	Epigenetic Alterations in Alzheimer's Disease. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 347.	1.0	143
851	Control of cortical neuronal migration by glutamate and GABA. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 4.	1.8	119

#	ARTICLE	IF	CITATIONS
852	Targeted pharmacological treatment of autism spectrum disorders: fragile X and Rett syndromes. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 55.	1.8	24
853	Epigenetic mechanisms in neurological and neurodegenerative diseases. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 58.	1.8	120
854	Differential modulation of repetitive firing and synchronous network activity in neocortical interneurons by inhibition of A-type K <sup>+</sup> channels and Ih. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 89.	1.8	22
855	Shank3-mutant mice lacking exon 9 show altered excitation/inhibition balance, enhanced rearing, and spatial memory deficit. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 94.	1.8	148
856	Human pluripotent stem cell derived midbrain PITX3eGFP/w neurons: a versatile tool for pharmacological screening and neurodegenerative modeling. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 104.	1.8	16
857	Reduction in focal ictal activity following transplantation of MGE interneurons requires expression of the GABA <sub>A</sub> receptor $\alpha 4$ subunit. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 127.	1.8	12
858	Crosstalk between intracellular and extracellular signals regulating interneuron production, migration and integration into the cortex. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 129.	1.8	40
859	Interplay of environmental signals and progenitor diversity on fate specification of cortical GABAergic neurons. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 149.	1.8	25
860	The methyl-CpG-binding domain (MBD) is crucial for MeCP2 <sup>Δ</sup> 's dysfunction-induced defects in adult newborn neurons. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 158.	1.8	11
861	Age- and sex-dependent susceptibility to phenobarbital-resistant neonatal seizures: role of chloride co-transporters. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 173.	1.8	47
862	Autism spectrum disorders: emerging mechanisms and mechanism-based treatment. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 183.	1.8	10
863	Ontogeny of kainate-induced gamma oscillations in the rat CA3 hippocampus in vitro. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 195.	1.8	19
864	Disruption of Slc4a10 augments neuronal excitability and modulates synaptic short-term plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 223.	1.8	22
865	Impact of electromagnetic fields on stem cells: common mechanisms at the crossroad between adult neurogenesis and osteogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 228.	1.8	31
866	Anatomy and physiology of the thick-tufted layer 5 pyramidal neuron. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 233.	1.8	143
867	Interaction of electrically evoked activity with intrinsic dynamics of cultured cortical networks with and without functional fast GABAergic synaptic transmission. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 272.	1.8	6
868	An excitatory GABA loop operating in vivo. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 275.	1.8	26
869	Differential expression of metabotropic glutamate and GABA receptors at neocortical glutamatergic and GABAergic axon terminals. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 345.	1.8	12

#	ARTICLE	IF	CITATIONS
870	Prenatal Hypoxiaâ€“Ischemia Induces Abnormalities in CA3 Microstructure, Potassium Chloride Co-Transporter 2 Expression and Inhibitory Tone. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 347.	1.8	39
871	Development and regulation of chloride homeostasis in the central nervous system. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 371.	1.8	161
872	Regulatory domain or CpG site variation in SLC12A5, encoding the chloride transporter KCC2, in human autism and schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 386.	1.8	86
873	Ion dynamics during seizures. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 419.	1.8	129
874	Extracellular proteolysis in structural and functional plasticity of mossy fiber synapses in hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 427.	1.8	103
875	Advancements in the Underlying Pathogenesis of Schizophrenia: Implications of DNA Methylation in Glial Cells. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 451.	1.8	8
876	Adolescent maturation of inhibitory inputs onto cingulate cortex neurons is cell-type specific and TrkB dependent. <i>Frontiers in Neural Circuits</i> , 2015, 9, 5.	1.4	17
877	Spontaneous Up states in vitro: a single-metric index of the functional maturation and regional differentiation of the cerebral cortex. <i>Frontiers in Neural Circuits</i> , 2015, 9, 59.	1.4	19
878	Transcriptional Response of Polycomb Group Genes to Status Epilepticus in Mice is Modified by Prior Exposure to Epileptic Preconditioning. <i>Frontiers in Neurology</i> , 2015, 6, 46.	1.1	16
879	High-Intensity, Unilateral Resistance Training of a Non-Paretic Muscle Group Increases Active Range of Motion in a Severely Paretic Upper Extremity Muscle Group after Stroke. <i>Frontiers in Neurology</i> , 2015, 6, 119.	1.1	45
880	Orientation-specific surround suppression in the primary visual cortex varies as a function of autistic tendency. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1017.	1.0	21
881	Development of thalamocortical connections between the mediodorsal thalamus and the prefrontal cortex and its implication in cognition. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1027.	1.0	48
882	â€œBrain MR spectroscopy in autism spectrum disorderâ€”the GABA excitatory/inhibitory imbalance theory revisitedâ€” <i>Frontiers in Human Neuroscience</i> , 2015, 9, 365.	1.0	45
883	Redox-based epigenetic status in drug addiction: a potential contributor to gene priming and a mechanistic rationale for metabolic intervention. <i>Frontiers in Neuroscience</i> , 2014, 8, 444.	1.4	32
884	Role of MicroRNAs in innate neuroprotection mechanisms due to preconditioning of the brain. <i>Frontiers in Neuroscience</i> , 2015, 9, 118.	1.4	15
885	Regulation of hypothalamic neuropeptides gene expression in diet induced obesity resistant rats: possible targets for obesity prediction?. <i>Frontiers in Neuroscience</i> , 2015, 9, 187.	1.4	60
886	Neuronal and microglial regulators of cortical wiring: usual and novel guideposts. <i>Frontiers in Neuroscience</i> , 2015, 9, 248.	1.4	63
887	Switching modes in corticogenesis: mechanisms of neuronal subtype transitions and integration in the cerebral cortex. <i>Frontiers in Neuroscience</i> , 2015, 9, 274.	1.4	51

#	ARTICLE	IF	CITATIONS
888	A critical evaluation of the activity-regulated cytoskeleton-associated protein (Arc/Arg3.1)'s putative role in regulating dendritic plasticity, cognitive processes, and mood in animal models of depression. <i>Frontiers in Neuroscience</i> , 2015, 9, 279.	1.4	65
889	Characterizing autism spectrum disorders by key biochemical pathways. <i>Frontiers in Neuroscience</i> , 2015, 9, 313.	1.4	55
890	Brain-specific transcriptional regulator T-brain-1 controls brain wiring and neuronal activity in autism spectrum disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 406.	1.4	41
891	Autism spectrum disorders and neuropathology of the cerebellum. <i>Frontiers in Neuroscience</i> , 2015, 9, 420.	1.4	179
892	Molecular Pathways Underlying Projection Neuron Production and Migration during Cerebral Cortical Development. <i>Frontiers in Neuroscience</i> , 2015, 9, 447.	1.4	79
893	Post-Translational Modifications of Histones in Vertebrate Neurogenesis. <i>Frontiers in Neuroscience</i> , 2015, 9, 483.	1.4	19
894	Heterogeneity in perceptual category learning by high functioning children with autism spectrum disorder. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 42.	1.0	7
895	Suppression of NMDA receptor function in mice prenatally exposed to valproic acid improves social deficits and repetitive behaviors. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 17.	1.4	58
896	Repeated vapor ethanol exposure induces transient histone modifications in the brain that are modified by genotype and brain region. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 39.	1.4	34
897	Generation of Functional Inhibitory Synapses Incorporating Defined Combinations of GABA(A) or Glycine Receptor Subunits. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 80.	1.4	20
898	Properties and molecular identity of NMDA receptors at synaptic and non-synaptic inputs in cerebellar molecular layer interneurons. <i>Frontiers in Synaptic Neuroscience</i> , 2015, 7, 1.	1.3	26
899	Distinct synaptic and neurochemical changes to the granule cell-CA3 projection in Bassoon mutant mice. <i>Frontiers in Synaptic Neuroscience</i> , 2015, 7, 18.	1.3	5
900	The effect of immature adult-born dentate granule cells on hyponeophagial behavior is related to their roles in learning and memory. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 34.	1.2	14
901	DISC1-mediated dysregulation of adult hippocampal neurogenesis in rats. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 93.	1.2	14
902	Potential implications of a monosynaptic pathway from mossy cells to adult-born granule cells of the dentate gyrus. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 112.	1.2	31
903	Behavioral experience induces zif268 expression in mature granule cells but suppresses its expression in immature granule cells. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 118.	1.2	14
904	Impaired Processing in the Primary Auditory Cortex of an Animal Model of Autism. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 158.	1.2	24
905	The Effect of Antenatal Depression and Selective Serotonin Reuptake Inhibitor Treatment on Nerve Growth Factor Signaling in Human Placenta. <i>PLoS ONE</i> , 2015, 10, e0116459.	1.1	23

#	ARTICLE	IF	CITATIONS
906	Deletion of Fmr1 Alters Function and Synaptic Inputs in the Auditory Brainstem. PLoS ONE, 2015, 10, e0117266.	1.1	55
907	Inhibition of Methyltransferases Accelerates Degradation of cFLIP and Sensitizes B-Cell Lymphoma Cells to TRAIL-Induced Apoptosis. PLoS ONE, 2015, 10, e0117994.	1.1	18
908	Transcriptomics of Maternal and Fetal Membranes Can Discriminate between Gestational-Age Matched Preterm Neonates with and without Cognitive Impairment Diagnosed at 18â€“24 Months. PLoS ONE, 2015, 10, e0118573.	1.1	16
909	HDAC1 Regulates the Proliferation of Radial Glial Cells in the Developing Xenopus Tectum. PLoS ONE, 2015, 10, e0120118.	1.1	18
910	Identification of a New Genomic Hot Spot of Evolutionary Diversification of Protein Function. PLoS ONE, 2015, 10, e0125413.	1.1	6
911	Increased Cortical Inhibition in Autism-Linked Neuroligin-3R451C Mice Is Due in Part to Loss of Endocannabinoid Signaling. PLoS ONE, 2015, 10, e0140638.	1.1	38
912	A Change in the Ion Selectivity of Ligand-Gated Ion Channels Provides a Mechanism to Switch Behavior. PLoS Biology, 2015, 13, e1002238.	2.6	8
913	Remodeling and Tenacity of Inhibitory Synapses: Relationships with Network Activity and Neighboring Excitatory Synapses. PLoS Computational Biology, 2015, 11, e1004632.	1.5	28
914	Environmental Enrichment Reduces Anxiety by Differentially Activating Serotonergic and Neuropeptide Y (NPY)-Ergic System in Indian Field Mouse (Mus booduga): An Animal Model of Post-Traumatic Stress Disorder. PLoS ONE, 2015, 10, e0127945.	1.1	38
915	Long-Term Dynamical Constraints on Pharmacologically Evoked Potentiation Imply Activity Conservation within In Vitro Hippocampal Networks. PLoS ONE, 2015, 10, e0129324.	1.1	4
916	MeCP2 Affects Skeletal Muscle Growth and Morphology through Non Cell-Autonomous Mechanisms. PLoS ONE, 2015, 10, e0130183.	1.1	26
917	Chloride Accumulators NKCC1 and AE2 in Mouse GnRH Neurons: Implications for GABAA Mediated Excitation. PLoS ONE, 2015, 10, e0131076.	1.1	15
918	The Histone Methyltransferase Inhibitor A-366 Uncovers a Role for G9a/GLP in the Epigenetics of Leukemia. PLoS ONE, 2015, 10, e0131716.	1.1	65
919	Increased Blood-Reelin-Levels in First Episode Schizophrenia. PLoS ONE, 2015, 10, e0134671.	1.1	10
920	Transcriptomic Profiling and H3K27me3 Distribution Reveal Both Demethylase-Dependent and Independent Regulation of Developmental Gene Transcription in Cell Differentiation. PLoS ONE, 2015, 10, e0135276.	1.1	15
921	Whole-Exome Sequencing in a South American Cohort Links ALDH1A3, FOXN1 and Retinoic Acid Regulation Pathways to Autism Spectrum Disorders. PLoS ONE, 2015, 10, e0135927.	1.1	27
922	Exploratory Metabolomic Analyses Reveal Compounds Correlated with Lutein Concentration in Frontal Cortex, Hippocampus, and Occipital Cortex of Human Infant Brain. PLoS ONE, 2015, 10, e0136904.	1.1	56
923	Epigenetic DNA Methylation Linked to Social Dominance. PLoS ONE, 2015, 10, e0144750.	1.1	37

#	ARTICLE	IF	CITATIONS
924	Study of GABA in Healthy Volunteers: Pharmacokinetics and Pharmacodynamics. <i>Frontiers in Pharmacology</i> , 2015, 6, 260.	1.6	55
925	Commentary: GABA Depolarizes Immature Neurons and Inhibits Network Activity in the Neonatal Neocortex In vivo. <i>Frontiers in Pharmacology</i> , 2015, 6, 294.	1.6	5
926	Hippocampal Transcriptomic and Proteomic Alterations in the BTBR Mouse Model of Autism Spectrum Disorder. <i>Frontiers in Physiology</i> , 2015, 6, 324.	1.3	70
927	Closing the loop on the GABA shunt in plants: are GABA metabolism and signaling entwined?. <i>Frontiers in Plant Science</i> , 2015, 6, 419.	1.7	215
928	How and why does tomato accumulate a large amount of GABA in the fruit?. <i>Frontiers in Plant Science</i> , 2015, 6, 612.	1.7	95
929	Possible functional links among brain- and skull-related genes selected in modern humans. <i>Frontiers in Psychology</i> , 2015, 6, 794.	1.1	58
930	Prefrontal Cortex and Social Cognition in Mouse and Man. <i>Frontiers in Psychology</i> , 2015, 6, 1805.	1.1	354
931	Assessing and Stabilizing Aberrant Neuroplasticity in Autism Spectrum Disorder: The Potential Role of Transcranial Magnetic Stimulation. <i>Frontiers in Psychiatry</i> , 2015, 6, 124.	1.3	18
932	Epigenetic reprogramming by tumor-derived EZH2 gain-of-function mutations promotes aggressive 3D cell morphologies and enhances melanoma tumor growth. <i>Oncotarget</i> , 2015, 6, 2928-2938.	0.8	42
933	Genetics of Autism Spectrum Disorder: Current Status and Possible Clinical Applications. <i>Experimental Neurobiology</i> , 2015, 24, 257-272.	0.7	133
934	Targeted delivery of brain-derived neurotrophic factor for the treatment of blindness and deafness. <i>International Journal of Nanomedicine</i> , 2015, 10, 3245.	3.3	42
935	Skewed Expression of the Genes Encoding Epigenetic Modifiers in High-Risk Uveal Melanoma. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1447-1458.	3.3	34
936	Wedelolactone disrupts the interaction of EZH2-EED complex and inhibits PRC2-dependent cancer. <i>Oncotarget</i> , 2015, 6, 13049-13059.	0.8	43
937	GABA <sub>B</sub> Receptor Antagonist CGP46381 Inhibits Form-Deprivation Myopia Development in Guinea Pigs. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	14
938	Neural Mechanisms Involved in Hypersensitive Hearing: Helping Children with ASD Who Are Overly Sensitive to Sounds. <i>Autism Research &amp; Treatment</i> , 2015, 2015, 1-8.	0.1	5
939	Alkaline Phosphatase in Stem Cells. <i>Stem Cells International</i> , 2015, 2015, 1-11.	1.2	142
940	Sodium Valproate Enhances the Urethane-Induced Lung Adenomas and Suppresses Malignization of Adenomas in Ovariectomized Female Mice. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-10.	0.6	5
941	Organic Compounds Detected in Deciduous Teeth: A Replication Study from Children with Autism in Two Samples. <i>Journal of Environmental and Public Health</i> , 2015, 2015, 1-9.	0.4	11

#	ARTICLE	IF	CITATIONS
942	The Interplay between Synaptic Activity and Neuroligin Function in the CNS. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	19
943	Adverse Psychiatric Effects Associated with Herbal Weight-Loss Products. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	29
944	Hippocampal-Prefrontal Circuit and Disrupted Functional Connectivity in Psychiatric and Neurodegenerative Disorders. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	65
945	The intellectual disability gene <i>Kirrel3</i> regulates target-specific mossy fiber synapse development in the hippocampus. <i>ELife</i> , 2015, 4, e09395.	2.8	54
946	Genome-Wide Methylome Analyses Reveal Novel Epigenetic Regulation Patterns in Schizophrenia and Bipolar Disorder. <i>BioMed Research International</i> , 2015, 2015, 1-15.	0.9	22
947	Testosterone Depletion Induces Demethylation of Murine Reelin Promoter CpG Dinucleotides: A Preliminary Study. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	3
948	CDRI-08 Attenuates REST/NRSF-Mediated Expression of NMDAR1 Gene in PBDE-209-Exposed Mice Brain. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	6
949	Insights into the Molecular Pathogenesis of Activated B-Cell-like Diffuse Large B-Cell Lymphoma and Its Therapeutic Implications. <i>Cancers</i> , 2015, 7, 811-822.	1.7	26
950	Recent update of autism spectrum disorders. <i>Korean Journal of Pediatrics</i> , 2015, 58, 8.	1.9	23
951	Double Trouble: Impairment of Two Interneuron Types in a Dravet Mouse Model. <i>Epilepsy Currents</i> , 2015, 15, 47-49.	0.4	0
952	A Longitudinal Study of BDNF Promoter Methylation and Depression in Breast Cancer. <i>Psychiatry Investigation</i> , 2015, 12, 523.	0.7	34
953	Kinetically selective inhibitors of histone deacetylase 2 (HDAC2) as cognition enhancers. <i>Chemical Science</i> , 2015, 6, 804-815.	3.7	93
954	SOX2 primes the epigenetic landscape in neural precursors enabling proper gene activation during hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1936-45.	3.3	131
955	Alterations in Hippocampal Network Activity after <i>In Vitro</i> Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 1011-1019.	1.7	32
956	Antidepressant-Like Effect of Sodium Butyrate is Associated with an Increase in TET1 and in 5-Hydroxymethylation Levels in the <i>Bdnf</i> Gene. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu032-pyu032.	1.0	111
957	Hijacked in cancer: the KMT2 (MLL) family of methyltransferases. <i>Nature Reviews Cancer</i> , 2015, 15, 334-346.	12.8	486
958	Ezh2 maintains retinal progenitor proliferation, transcriptional integrity, and the timing of late differentiation. <i>Developmental Biology</i> , 2015, 403, 128-138.	0.9	54
959	Vigabatrin can enhance electroretinographic responses in pigmented and albino rats. <i>Documenta Ophthalmologica</i> , 2015, 131, 1-11.	1.0	6

#	ARTICLE	IF	CITATIONS
960	<i>EGFR</i> promoter exhibits dynamic histone modifications and binding of ASH2L and P300 in human germinal matrix and gliomas. <i>Epigenetics</i> , 2015, 10, 496-507.	1.3	15
961	Ionotropic GABA and Glutamate Receptor Mutations and Human Neurologic Diseases. <i>Molecular Pharmacology</i> , 2015, 88, 203-217.	1.0	177
962	Behavioral and Neuroanatomical Phenotypes in Mouse Models of Autism. <i>Neurotherapeutics</i> , 2015, 12, 521-533.	2.1	108
963	Emergence of sex differences in the development of substance use and abuse during adolescence. , 2015, 153, 55-78.		130
964	Altered Markers of Cortical $\hat{3}$ -Aminobutyric Acid Neuronal Activity in Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 747.	6.0	37
965	Circuit- and Diagnosis-Specific DNA Methylation Changes at $\hat{3}$ -Aminobutyric Acid-Related Genes in Postmortem Human Hippocampus in Schizophrenia and Bipolar Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 541.	6.0	97
966	Overexpression of the Type 1 Adenylyl Cyclase in the Forebrain Leads to Deficits of Behavioral Inhibition. <i>Journal of Neuroscience</i> , 2015, 35, 339-351.	1.7	19
967	Soy glyceollins regulate transcript abundance in the female mouse brain. <i>Functional and Integrative Genomics</i> , 2015, 15, 549-561.	1.4	8
968	Neurotransmitter Switching? No Surprise. <i>Neuron</i> , 2015, 86, 1131-1144.	3.8	78
969	Sex differences in GABAergic gene expression occur in the anterior cingulate cortex in schizophrenia. <i>Schizophrenia Research</i> , 2015, 167, 57-63.	1.1	29
970	Brain-Derived Neurotrophic Factor Inhibits Calcium Channel Activation, Exocytosis, and Endocytosis at a Central Nerve Terminal. <i>Journal of Neuroscience</i> , 2015, 35, 4676-4682.	1.7	28
971	Hyperactivity of Newborn Pten Knock-out Neurons Results from Increased Excitatory Synaptic Drive. <i>Journal of Neuroscience</i> , 2015, 35, 943-959.	1.7	107
972	Autocrine Action of BDNF on Dendrite Development of Adult-Born Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 8384-8393.	1.7	115
973	L-Type Ca <sup>2+</sup> Channels and SK Channels in Mouse Embryonic Stem Cells and Their Contribution to Cell Proliferation. <i>Journal of Membrane Biology</i> , 2015, 248, 671-682.	1.0	3
974	Properties of precise firing synchrony between synaptically coupled cortical interneurons depend on their mode of coupling. <i>Journal of Neurophysiology</i> , 2015, 114, 624-637.	0.9	29
975	Gene-Environment Interaction in Major Depression: Focus on Experience-Dependent Biological Systems. <i>Frontiers in Psychiatry</i> , 2015, 6, 68.	1.3	113
976	Epigenetic mechanisms in schizophrenia. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 118, 1-7.	1.4	75
977	Prospects for the development of epigenetic drugs for CNS conditions. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 461-474.	21.5	83

#	ARTICLE	IF	CITATIONS
978	Seizures and Epilepsy: An Overview for Neuroscientists. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a022426-a022426.	2.9	486
979	Epigenome Engineering in Cancer: Fairytale or a Realistic Path to the Clinic?. Frontiers in Oncology, 2015, 5, 22.	1.3	63
980	Schizophrenia and Depression Co-Morbidity: What We have Learned from Animal Models. Frontiers in Psychiatry, 2015, 6, 13.	1.3	55
981	TRIM28 Controls Genomic Imprinting through Distinct Mechanisms during and after Early Genome-wide Reprogramming. Cell Reports, 2015, 13, 1194-1205.	2.9	39
982	Induced pluripotent stem cell technology for dissecting the cancer epigenome. Cancer Science, 2015, 106, 1251-1256.	1.7	11
983	Immature spinal cord neurons are dynamic regulators of adult nociceptive sensitivity. Journal of Cellular and Molecular Medicine, 2015, 19, 2352-2364.	1.6	12
984	Afterhyperpolarization (AHP) regulates the frequency and timing of action potentials in the mitral cells of the olfactory bulb: role of olfactory experience. Physiological Reports, 2015, 3, e12344.	0.7	18
985	Mechanisms of temporal identity regulation in mouse retinal progenitor cells. Neurogenesis (Austin, Tex), 2015, 2, e1081715.	1.5	15
986	Multiple blocks of intermittent and continuous theta-burst stimulation applied via transcranial magnetic stimulation differently affect sensory responses in rat barrel cortex. Journal of Physiology, 2015, 593, 967-985.	1.3	30
987	Impaired CO <sub>2</sub> sensitivity of astrocytes in a mouse model of Rett syndrome. Journal of Physiology, 2015, 593, 3159-3168.	1.3	54
988	Inhibitors of protein methyltransferases as chemical tools. Epigenomics, 2015, 7, 1327-1338.	1.0	17
989	Rheb1 mediates DISC1-dependent regulation of new neuron development in the adult hippocampus. Neurogenesis (Austin, Tex), 2015, 2, e1081715.	1.5	9
990	Developmental Profile, Morphology, and Synaptic Connectivity of Cajal-Retzius Cells in the Postnatal Mouse Hippocampus. Cerebral Cortex, 2016, 26, bhv271.	1.6	35
991	Epilepsy and Adult Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2015, 7, a020677.	2.3	118
992	Genetic neurological channelopathies: molecular genetics and clinical phenotypes. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, jnnp-2015-311233.	0.9	71
993	Enhanced astroglial GABA uptake attenuates tonic GABA <sub>A</sub> inhibition of the presympathetic hypothalamic paraventricular nucleus neurons in heart failure. Journal of Neurophysiology, 2015, 114, 914-926.	0.9	22
994	Mutations in NONO lead to syndromic intellectual disability and inhibitory synaptic defects. Nature Neuroscience, 2015, 18, 1731-1736.	7.1	65
995	How to make striatal projection neurons. Neurogenesis (Austin, Tex), 2015, 2, e1100227.	1.5	11

#	ARTICLE	IF	CITATIONS
996	Novel drug targets for personalized precision medicine in relapsed/refractory diffuse large B-cell lymphoma: a comprehensive review. <i>Molecular Cancer</i> , 2015, 14, 207.	7.9	135
997	Pre-differentiation of human neural stem cells into GABAergic neurons prior to transplant results in greater repopulation of the damaged brain and accelerates functional recovery after transient ischemic stroke. <i>Stem Cell Research and Therapy</i> , 2015, 6, 186.	2.4	41
998	Activity Dependency and Aging in the Regulation of Adult Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a018929.	2.3	101
999	Hierarchical Classes Analysis (HICLAS): A novel data reduction method to examine associations between biallelic SNPs and perceptual organization phenotypes in schizophrenia. <i>Schizophrenia Research: Cognition</i> , 2015, 2, 56-63.	0.7	0
1000	Bidirectional Signaling of Neuregulin-2 Mediates Formation of GABAergic Synapses and Maturation of Glutamatergic Synapses in Newborn Granule Cells of Postnatal Hippocampus. <i>Journal of Neuroscience</i> , 2015, 35, 16479-16493.	1.7	20
1001	Histone methyltransferases and demethylases: regulators in balancing osteogenic and adipogenic differentiation of mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2015, 7, 197-204.	3.6	70
1002	Disrupted intricacy of histone H3K4 methylation in neurodevelopmental disorders. <i>Epigenomics</i> , 2015, 7, 503-519.	1.0	143
1003	The histone methyltransferase SDG8 mediates the epigenetic modification of light and carbon responsive genes in plants. <i>Genome Biology</i> , 2015, 16, 79.	3.8	91
1004	Maternal immune activation induces <i>GAD1</i> and <i>GAD2</i> promoter remodeling in the offspring prefrontal cortex. <i>Epigenetics</i> , 2015, 10, 1143-1155.	1.3	102
1005	A Two-Hit Model of Autism. <i>Clinical Psychological Science</i> , 2015, 3, 349-371.	2.4	155
1006	Early Adolescent Emergence of Reversal Learning Impairments in Isolation-Reared Rats. <i>Developmental Neuroscience</i> , 2015, 37, 253-262.	1.0	23
1007	Impact of single-site axonal GABAergic synaptic events on cerebellar interneuron activity. <i>Journal of General Physiology</i> , 2015, 146, 477-493.	0.9	12
1008	Role of <i>gabra2</i> , GABA <sub>A</sub> receptor alpha-2 subunit, in CNS development. <i>Biochemistry and Biophysics Reports</i> , 2015, 3, 190-201.	0.7	22
1009	Neurobeachin Is Required Postsynaptically for Electrical and Chemical Synapse Formation. <i>Current Biology</i> , 2015, 25, 16-28.	1.8	65
1010	Chromatin Landscape Defined by Repressive Histone Methylation during Oligodendrocyte Differentiation. <i>Journal of Neuroscience</i> , 2015, 35, 352-365.	1.7	103
1011	GABAergic transmission and enhanced modulation by opioids and endocannabinoids in adult rat rostral ventromedial medulla. <i>Journal of Physiology</i> , 2015, 593, 217-230.	1.3	18
1012	GABA <sub>B</sub> receptor-mediated tonic inhibition regulates the spontaneous firing of locus coeruleus neurons in developing rats and in citalopram-treated rats. <i>Journal of Physiology</i> , 2015, 593, 161-180.	1.3	18
1013	Suppression of Adult Neurogenesis Increases the Acute Effects of Kainic Acid. <i>Experimental Neurology</i> , 2015, 264, 135-149.	2.0	79

#	ARTICLE	IF	CITATIONS
1014	Delayed Coupling to Feedback Inhibition during a Critical Period for the Integration of Adult-Born Granule Cells. <i>Neuron</i> , 2015, 85, 116-130.	3.8	172
1015	Activity-dependent inhibitory synapse remodeling through gephyrin phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E65-72.	3.3	95
1016	The Epigenetic Basis of Diffuse Large B-Cell Lymphoma. <i>Seminars in Hematology</i> , 2015, 52, 86-96.	1.8	47
1017	Automated quantification of neuronal networks and single-cell calcium dynamics using calcium imaging. <i>Journal of Neuroscience Methods</i> , 2015, 243, 26-38.	1.3	145
1018	Autism-associated mutation inhibits protein kinase C-mediated neuroligin-4X enhancement of excitatory synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2551-2556.	3.3	56
1019	Etiology of distinct membrane excitability in pre- and posthearing auditory neurons relies on activity of Cl <sup>-</sup> channel TMEM16A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2575-2580.	3.3	22
1020	MmTX1 and MmTX2 from coral snake venom potently modulate GABA <sub>A</sub> receptor activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E891-900.	3.3	37
1021	Epigenetic roots of immunologic disease and new methods for examining chromatin regulatory pathways. <i>Immunology and Cell Biology</i> , 2015, 93, 261-270.	1.0	7
1022	Molecular docking and molecular dynamics study on SmHDAC1 to identify potential lead compounds against Schistosomiasis. <i>Molecular Biology Reports</i> , 2015, 42, 689-698.	1.0	16
1023	Regulation of GABAARs by Phosphorylation. <i>Advances in Pharmacology</i> , 2015, 72, 97-146.	1.2	79
1024	Dysregulation of Glutamine Transporter SNAT1 in Rett Syndrome Microglia: A Mechanism for Mitochondrial Dysfunction and Neurotoxicity. <i>Journal of Neuroscience</i> , 2015, 35, 2516-2529.	1.7	71
1025	Synaptic localization of $\beta$ 5 GABA (A) receptors via gephyrin interaction regulates dendritic outgrowth and spine maturation. <i>Developmental Neurobiology</i> , 2015, 75, 1241-1251.	1.5	51
1026	Astroglial Glutamate Transporter Deficiency Increases Synaptic Excitability and Leads to Pathological Repetitive Behaviors in Mice. <i>Neuropsychopharmacology</i> , 2015, 40, 1569-1579.	2.8	126
1027	Dendritic spine dysgenesis in autism related disorders. <i>Neuroscience Letters</i> , 2015, 601, 30-40.	1.0	146
1028	HDAC6 Inhibitors Modulate Lys49 Acetylation and Membrane Localization of $\beta$ 2-Catenin in Human iPSC-Derived Neuronal Cells. <i>ACS Chemical Biology</i> , 2015, 10, 883-890.	1.6	40
1029	Losing the sugar coating: Potential impact of perineuronal net abnormalities on interneurons in schizophrenia. <i>Schizophrenia Research</i> , 2015, 167, 18-27.	1.1	127
1030	Rett syndrome like phenotypes in the R255X <i>Mecp2</i> mutant mouse are rescued by MECP2 transgene. <i>Human Molecular Genetics</i> , 2015, 24, 2662-2672.	1.4	54
1031	Behavioral training reverses global cortical network dysfunction induced by perinatal antidepressant exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2233-2238.	3.3	25

#	ARTICLE	IF	CITATIONS
1032	Molecular mechanisms of synaptic remodeling in alcoholism. <i>Neuroscience Letters</i> , 2015, 601, 11-19.	1.0	61
1033	Epigenetic Heterogeneity in HIV-1 Latency Establishment. <i>Scientific Reports</i> , 2015, 5, 7701.	1.6	54
1034	Reduced SNAP-25 increases PSD-95 mobility and impairs spine morphogenesis. <i>Cell Death and Differentiation</i> , 2015, 22, 1425-1436.	5.0	59
1035	Synthetic lethality by targeting EZH2 methyltransferase activity in ARID1A-mutated cancers. <i>Nature Medicine</i> , 2015, 21, 231-238.	15.2	530
1036	Digging deep into "dirty" drugs' modulation of the methylation machinery. <i>Drug Metabolism Reviews</i> , 2015, 47, 252-279.	1.5	63
1037	Oncogene addiction: pathways of therapeutic response, resistance, and road maps toward a cure. <i>EMBO Reports</i> , 2015, 16, 280-296.	2.0	200
1038	Chemical Probes of Histone Lysine Methyltransferases. <i>ACS Chemical Biology</i> , 2015, 10, 40-50.	1.6	46
1039	Identification of a Fragment-like Small Molecule Ligand for the Methyl-lysine Binding Protein, 53BP1. <i>ACS Chemical Biology</i> , 2015, 10, 1072-1081.	1.6	56
1040	Differential Expression and Regulation of Brain-Derived Neurotrophic Factor (BDNF) mRNA Isoforms in Brain Cells from Mecp2308/y Mouse Model. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 758-767.	1.1	17
1041	Gene Dosage in the Dysbindin Schizophrenia Susceptibility Network Differentially Affect Synaptic Function and Plasticity. <i>Journal of Neuroscience</i> , 2015, 35, 325-338.	1.7	43
1042	EZH2 inhibition sensitizes BRG1 and EGFR mutant lung tumours to Topoll inhibitors. <i>Nature</i> , 2015, 520, 239-242.	13.7	223
1043	GABAergic Control of Depression-Related Brain States. <i>Advances in Pharmacology</i> , 2015, 73, 97-144.	1.2	107
1044	Putative adverse outcome pathways relevant to neurotoxicity. <i>Critical Reviews in Toxicology</i> , 2015, 45, 83-91.	1.9	92
1045	Somatostatin, neuronal vulnerability and behavioral emotionality. <i>Molecular Psychiatry</i> , 2015, 20, 377-387.	4.1	155
1046	Snail2/Slug cooperates with Polycomb repressive complex 2 (PRC2) to regulate neural crest development. <i>Development (Cambridge)</i> , 2015, 142, 722-31.	1.2	63
1047	Inhibition of parvalbumin-expressing interneurons results in complex behavioral changes. <i>Molecular Psychiatry</i> , 2015, 20, 1499-1507.	4.1	84
1048	Repeated Application of 4-Aminopyridine Provoke an Increase in Entorhinal Cortex Excitability and Rearrange AMPA and Kainate Receptors. <i>Neurotoxicity Research</i> , 2015, 27, 441-452.	1.3	9
1049	Chromatin signatures of cancer. <i>Genes and Development</i> , 2015, 29, 238-249.	2.7	171

#	ARTICLE	IF	CITATIONS
1050	Axon Initial Segment-associated Microglia. <i>Journal of Neuroscience</i> , 2015, 35, 2283-2292.	1.7	107
1051	An Evolutionarily Conserved Switch in Response to GABA Affects Development and Behavior of the Locomotor Circuit of <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 199, 1159-1172.	1.2	32
1052	Semiconductor-based sequencing of genome-wide DNA methylation states. <i>Epigenetics</i> , 2015, 10, 153-166.	1.3	8
1053	Critical roles of non-histone protein lysine methylation in human tumorigenesis. <i>Nature Reviews Cancer</i> , 2015, 15, 110-124.	12.8	299
1054	MicroRNA-200c Contributes to Injury From Transient Focal Cerebral Ischemia by Targeting Reelin. <i>Stroke</i> , 2015, 46, 551-556.	1.0	74
1055	Developmental Control of Polycomb Subunit Composition by GATA Factors Mediates a Switch to Non-Canonical Functions. <i>Molecular Cell</i> , 2015, 57, 304-316.	4.5	119
1056	JMJD3 promotes chondrocyte proliferation and hypertrophy during endochondral bone formation in mice. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 23-34.	1.5	66
1057	Cadherins as regulators of neuronal polarity. <i>Cell Adhesion and Migration</i> , 2015, 9, 175-182.	1.1	26
1058	Selective Inhibitors of Protein Methyltransferases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1596-1629.	2.9	112
1059	An epigenetic view of B cell disorders. <i>Immunology and Cell Biology</i> , 2015, 93, 253-260.	1.0	14
1060	GABA receptor subunit distribution and FMRP-mediated mGluR5 signaling abnormalities in the cerebellum of subjects with schizophrenia, mood disorders, and autism. <i>Schizophrenia Research</i> , 2015, 167, 42-56.	1.1	69
1061	The method of isolation of the crayfish abdominal stretch receptor maintaining a connection of the sensory neuron to the ventral nerve cord ganglion. <i>Invertebrate Neuroscience</i> , 2015, 15, 176.	1.8	11
1062	Inhibition of miR-15a Promotes BDNF Expression and Rescues Dendritic Maturation Deficits in MeCP2-Deficient Neurons. <i>Stem Cells</i> , 2015, 33, 1618-1629.	1.4	48
1063	The development of cortical circuits for motion discrimination. <i>Nature Neuroscience</i> , 2015, 18, 252-261.	7.1	62
1064	Germinal centres and B cell lymphomagenesis. <i>Nature Reviews Immunology</i> , 2015, 15, 172-184.	10.6	375
1065	Ethanol Exposure Induces Neonatal Neurodegeneration by Enhancing CB1R Exon1 Histone H4K8 Acetylation and Up-regulating CB1R Function causing Neurobehavioral Abnormalities in Adult Mice. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu028-pyu028.	1.0	54
1066	Valproate-Induced Neurodevelopmental Deficits in <i>Xenopus laevis</i> Tadpoles. <i>Journal of Neuroscience</i> , 2015, 35, 3218-3229.	1.7	42
1067	Withdrawal from Cocaine Self-administration and Yoked Cocaine Delivery Dysregulates Glutamatergic mGlu5 and NMDA Receptors in the Rat Brain. <i>Neurotoxicity Research</i> , 2015, 27, 246-258.	1.3	31

#	ARTICLE	IF	CITATIONS
1068	The marmoset monkey as a model for visual neuroscience. <i>Neuroscience Research</i> , 2015, 93, 20-46.	1.0	189
1069	Stella preserves maternal chromosome integrity by inhibiting 5hmC-induced $\text{H}^2$ accumulation. <i>EMBO Reports</i> , 2015, 16, 582-589.	2.0	28
1070	JMJD3 promotes SAHF formation in senescent WI38 cells by triggering an interplay between demethylation and phosphorylation of RB protein. <i>Cell Death and Differentiation</i> , 2015, 22, 1630-1640.	5.0	56
1071	Pathway-driven discovery of epilepsy genes. <i>Nature Neuroscience</i> , 2015, 18, 344-350.	7.1	158
1072	Age- and Sex-Related Characteristics of Tonic Gaba Currents in the Rat Substantia Nigra Pars Reticulata. <i>Neurochemical Research</i> , 2015, 40, 747-757.	1.6	7
1073	Ontogeny of biochemical, morphological and functional parameters of synaptogenesis in primary cultures of rat hippocampal and cortical neurons. <i>Molecular Brain</i> , 2015, 8, 10.	1.3	44
1074	Allosteric modulation of the glycine receptor activated by agonists differing in efficacy. <i>Brain Research</i> , 2015, 1606, 95-101.	1.1	6
1075	Rescue of Methyl-CpG Binding Protein 2 Dysfunction-induced Defects in Newborn Neurons by Pentobarbital. <i>Neurotherapeutics</i> , 2015, 12, 477-490.	2.1	17
1076	Mutations in early follicular lymphoma progenitors are associated with suppressed antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1116-25.	3.3	307
1077	Protein Kinase C-Dependent Growth-Associated Protein 43 Phosphorylation Regulates Gephyrin Aggregation at Developing GABAergic Synapses. <i>Molecular and Cellular Biology</i> , 2015, 35, 1712-1726.	1.1	21
1078	Localization of reelin signaling pathway components in murine midbrain and striatum. <i>Cell and Tissue Research</i> , 2015, 359, 393-407.	1.5	18
1079	Altered Distribution of Hippocampal Interneurons in the Murine Down Syndrome Model Ts65Dn. <i>Neurochemical Research</i> , 2015, 40, 151-164.	1.6	34
1080	GABAB Receptor Agonist R-Baclofen Reverses Social Deficits and Reduces Repetitive Behavior in Two Mouse Models of Autism. <i>Neuropsychopharmacology</i> , 2015, 40, 2228-2239.	2.8	187
1081	CACNA1A haploinsufficiency causes cognitive impairment, autism and epileptic encephalopathy with mild cerebellar symptoms. <i>European Journal of Human Genetics</i> , 2015, 23, 1505-1512.	1.4	165
1082	Enhanced production of gamma-aminobutyrate (GABA) in recombinant <i>Corynebacterium glutamicum</i> by expressing glutamate decarboxylase active in expanded pH range. <i>Microbial Cell Factories</i> , 2015, 14, 21.	1.9	95
1083	Stress and the Commensal Microbiota: Importance in Parturition and Infant Neurodevelopment. <i>Frontiers in Psychiatry</i> , 2015, 6, 5.	1.3	53
1084	The epigenetics of aging and neurodegeneration. <i>Progress in Neurobiology</i> , 2015, 131, 21-64.	2.8	334
1085	The Role of Epigenetic Change in Autism Spectrum Disorders. <i>Frontiers in Neurology</i> , 2015, 6, 107.	1.1	186

#	ARTICLE	IF	CITATIONS
1086	Histone deacetylases 1 and 2 regulate DNA replication and DNA repair: potential targets for genome stability-mechanism-based therapeutics for a subset of cancers. <i>Cell Cycle</i> , 2015, 14, 1779-1785.	1.3	36
1087	Origins, genetic landscape, and emerging therapies of small cell lung cancer. <i>Genes and Development</i> , 2015, 29, 1447-1462.	2.7	194
1088	Signaling between periglomerular cells reveals a bimodal role for GABA in modulating glomerular microcircuitry in the olfactory bulb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9478-9483.	3.3	18
1089	Adolescent olanzapine sensitization is correlated with hippocampal stem cell proliferation in a maternal immune activation rat model of schizophrenia. <i>Brain Research</i> , 2015, 1618, 122-135.	1.1	16
1090	One-pot synthesis of GABA amides via the nucleophilic addition of amines to 3,3-disubstituted cyclopropenes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8993-8995.	1.5	10
1091	Ca <sup>2+</sup> and aminoguanidine on <sup>13</sup> C-aminobutyric acid accumulation in germinating soybean under hypoxia and NaCl stress. <i>Journal of Food and Drug Analysis</i> , 2015, 23, 287-293.	0.9	24
1092	Cancer stem cells and cell size: A causal link?. <i>Seminars in Cancer Biology</i> , 2015, 35, 191-199.	4.3	69
1093	Rodent auditory perception: Critical band limitations and plasticity. <i>Neuroscience</i> , 2015, 296, 55-65.	1.1	16
1094	Long-lasting changes in neural networks to compensate for altered nicotinic input. <i>Biochemical Pharmacology</i> , 2015, 97, 418-424.	2.0	10
1095	Perinatal oxytocin increases the risk of offspring bipolar disorder and childhood cognitive impairment. <i>Journal of Affective Disorders</i> , 2015, 173, 65-72.	2.0	38
1096	Bromodomain inhibitors regulate the C9ORF72 locus in ALS. <i>Experimental Neurology</i> , 2015, 271, 241-250.	2.0	25
1097	The cellular and molecular landscape of neuroligins. <i>Trends in Neurosciences</i> , 2015, 38, 496-505.	4.2	141
1098	Schizophrenia: Evidence implicating hippocampal GluN2B protein and REST epigenetics in psychosis pathophysiology. <i>Neuroscience</i> , 2015, 309, 233-242.	1.1	23
1099	Mammalian SWI/SNF chromatin remodeling complexes and cancer: Mechanistic insights gained from human genomics. <i>Science Advances</i> , 2015, 1, e1500447.	4.7	627
1100	Viral and Transgenic Reporters and Genetic Analysis of Adult Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a018804.	2.3	44
1101	Developmental exposure to 50 parts-per-billion arsenic influences histone modifications and associated epigenetic machinery in a region- and sex-specific manner in the adult mouse brain. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 40-51.	1.3	46
1102	Reelin protects against amyloid $\beta^2$ toxicity in vivo. <i>Science Signaling</i> , 2015, 8, ra67.	1.6	78
1103	Inhibition of bromodomain and extra-terminal proteins (BET) as a potential therapeutic approach in haematological malignancies: emerging preclinical and clinical evidence. <i>Therapeutic Advances in Hematology</i> , 2015, 6, 128-141.	1.1	141

#	ARTICLE	IF	CITATIONS
1104	Neuronal developmental gene and miRNA signatures induced by histone deacetylase inhibitors in human embryonic stem cells. <i>Cell Death and Disease</i> , 2015, 6, e1756-e1756.	2.7	38
1105	Epigenetic signaling in schizophrenia. <i>Cellular Signalling</i> , 2015, 27, 2131-2136.	1.7	49
1106	The combination of lithium and l-Dopa/Carbidopa reduces MPTP-induced abnormal involuntary movements (AIMs) via calpain-1 inhibition in a mouse model: Relevance for Parkinson's disease therapy. <i>Brain Research</i> , 2015, 1622, 127-136.	1.1	21
1107	Is birth a critical period in the pathogenesis of autism spectrum disorders?. <i>Nature Reviews Neuroscience</i> , 2015, 16, 498-505.	4.9	99
1108	Epigenetics and Lymphoma: Can We Use Epigenetics to Prime or Reset Chemoresistant Lymphoma Programs?. <i>Current Oncology Reports</i> , 2015, 17, 40.	1.8	11
1109	Protection of the Crayfish Mechanoreceptor Neuron and Glial Cells from Photooxidative Injury by Modulators of Diverse Signal Transduction Pathways. <i>Molecular Neurobiology</i> , 2015, 52, 811-825.	1.9	18
1110	Induced neural stem/precursor cells for fundamental studies and potential application in neurodegenerative diseases. <i>Neuroscience Bulletin</i> , 2015, 31, 589-600.	1.5	6
1111	Disruption of Fgf13 Causes Synaptic Excitatory-Inhibitory Imbalance and Genetic Epilepsy and Febrile Seizures Plus. <i>Journal of Neuroscience</i> , 2015, 35, 8866-8881.	1.7	64
1112	Membrane-Derived Phospholipids Control Synaptic Neurotransmission and Plasticity. <i>PLoS Biology</i> , 2015, 13, e1002153.	2.6	57
1113	A computational perspective on autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9158-9165.	3.3	139
1114	Connectivity and circuitry in a dish versus in a brain. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 44.	3.0	11
1115	Neurogliaform cells in cortical circuits. <i>Nature Reviews Neuroscience</i> , 2015, 16, 458-468.	4.9	119
1116	JMJD3 as an epigenetic regulator in development and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 67, 148-157.	1.2	111
1117	Site- and allele-specific polycomb dysregulation in T-cell leukaemia. <i>Nature Communications</i> , 2015, 6, 6094.	5.8	47
1118	Frequency of gamma oscillations in humans is modulated by velocity of visual motion. <i>Journal of Neurophysiology</i> , 2015, 114, 244-255.	0.9	40
1119	<i>Evf2</i> lncRNA/BRG1/DLX1 interactions reveal RNA-dependent chromatin remodeling inhibition. <i>Development (Cambridge)</i> , 2015, 142, 2641-52.	1.2	84
1120	Autism-Associated Insertion Mutation (InsG) of Shank3 Exon 21 Causes Impaired Synaptic Transmission and Behavioral Deficits. <i>Journal of Neuroscience</i> , 2015, 35, 9648-9665.	1.7	136
1121	FOXP1-Dependent Dysregulation of GABA/Glutamate Neuron Differentiation in Autism Spectrum Disorders. <i>Cell</i> , 2015, 162, 375-390.	13.5	894

#	ARTICLE	IF	CITATIONS
1122	GABA depolarizes immature neurons and inhibits network activity in the neonatal neocortex in vivo. <i>Nature Communications</i> , 2015, 6, 7750.	5.8	187
1123	Screening for Small-Molecule Modulators of Long Noncoding RNA-Protein Interactions Using AlphaScreen. <i>Journal of Biomolecular Screening</i> , 2015, 20, 1132-1141.	2.6	83
1124	Multiple facets of histone variant H2AX: a DNA double-strand-break marker with several biological functions. <i>Nucleic Acids Research</i> , 2015, 43, 2489-2498.	6.5	287
1125	The role of nicotinic acetylcholine receptors in autosomal dominant nocturnal frontal lobe epilepsy. <i>Frontiers in Physiology</i> , 2015, 6, 22.	1.3	86
1126	Dynamic role of adult-born dentate granule cells in memory processing. <i>Current Opinion in Neurobiology</i> , 2015, 35, 21-26.	2.0	59
1127	Targeting EZH2 and PRC2 dependence as novel anticancer therapy. <i>Experimental Hematology</i> , 2015, 43, 698-712.	0.2	101
1128	Activating positive memory engrams suppresses depression-like behaviour. <i>Nature</i> , 2015, 522, 335-339.	13.7	283
1129	Rett syndrome: disruption of epigenetic control of postnatal neurological functions. <i>Human Molecular Genetics</i> , 2015, 24, R10-R16.	1.4	60
1130	Epigenetic regulation of Keap1-Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 337-349.	1.3	187
1131	Chloride transporter KCC2-dependent neuroprotection depends on the N-terminal protein domain. <i>Cell Death and Disease</i> , 2015, 6, e1776-e1776.	2.7	20
1132	microRNA Expression Profiling of Propofol-Treated Developing Rat Hippocampal Astrocytes. <i>DNA and Cell Biology</i> , 2015, 34, 511-523.	0.9	14
1133	Fluorescent knock-in mice to decipher the physiopathological role of G protein-coupled receptors. <i>Frontiers in Pharmacology</i> , 2015, 5, 289.	1.6	10
1134	Tet3 regulates synaptic transmission and homeostatic plasticity via DNA oxidation and repair. <i>Nature Neuroscience</i> , 2015, 18, 836-843.	7.1	164
1135	A selective inhibitor of PRMT5 with in vivo and in vitro potency in MCL models. <i>Nature Chemical Biology</i> , 2015, 11, 432-437.	3.9	442
1136	SOX11 identified by target gene evaluation of miRNAs differentially expressed in focal and non-focal brain tissue of therapy-resistant epilepsy patients. <i>Neurobiology of Disease</i> , 2015, 77, 127-140.	2.1	38
1137	Modeling a model: Mouse genetics, 22q11.2 Deletion Syndrome, and disorders of cortical circuit development. <i>Progress in Neurobiology</i> , 2015, 130, 1-28.	2.8	82
1138	Somatosensory cortex functional connectivity abnormalities in autism show opposite trends, depending on direction and spatial scale. <i>Brain</i> , 2015, 138, 1394-1409.	3.7	125
1139	Amyotrophic lateral sclerosis: mechanisms and therapeutics in the epigenomic era. <i>Nature Reviews Neurology</i> , 2015, 11, 266-279.	4.9	186

#	ARTICLE	IF	CITATIONS
1140	Epigenetic and transgenerational reprogramming of brain development. <i>Nature Reviews Neuroscience</i> , 2015, 16, 332-344.	4.9	398
1141	First case report of Rett syndrome in the Azeri Turkish population and brief review of the literature. <i>Epilepsy &amp; Behavior Case Reports</i> , 2015, 3, 15-19.	1.5	122
1142	Very low density lipoprotein receptor regulates dendritic spine formation in a RasGRF1/CaMKII dependent manner. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 904-917.	1.9	25
1143	GABAergic system in the endocrine pancreas: a new target for diabetes treatment. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2015, 8, 79.	1.1	47
1144	Seizure reduction through interneuron-mediated entrainment using low frequency optical stimulation. <i>Experimental Neurology</i> , 2015, 269, 120-132.	2.0	53
1145	Epigenetic Therapy in Acute Myeloid Leukemia: Current and Future Directions. <i>Seminars in Hematology</i> , 2015, 52, 172-183.	1.8	54
1146	Effects of Ethanol Exposure In Utero on Cajal-Retzius Cells in the Developing Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 853-862.	1.4	10
1147	MeCP2 in the Rostral Striatum Maintains Local Dopamine Content Critical for Psychomotor Control. <i>Journal of Neuroscience</i> , 2015, 35, 6209-6220.	1.7	36
1148	Reversing excitatory GABAAR signaling restores synaptic plasticity and memory in a mouse model of Down syndrome. <i>Nature Medicine</i> , 2015, 21, 318-326.	15.2	237
1149	Altered Basolateral Amygdala Encoding in an Animal Model of Schizophrenia. <i>Journal of Neuroscience</i> , 2015, 35, 6394-6400.	1.7	9
1150	International STakeholder NETwork (ISTNET): creating a developmental neurotoxicity (DNT) testing road map for regulatory purposes. <i>Archives of Toxicology</i> , 2015, 89, 269-287.	1.9	130
1151	Epigenetics of the failing heart. <i>Heart Failure Reviews</i> , 2015, 20, 435-459.	1.7	16
1152	Molecular Layer Interneurons of the Cerebellum: Developmental and Morphological Aspects. <i>Cerebellum</i> , 2015, 14, 534-556.	1.4	32
1153	Rett Syndrome: Reaching for Clinical Trials. <i>Neurotherapeutics</i> , 2015, 12, 631-640.	2.1	35
1154	Interneuron epigenomes during the critical period of cortical plasticity: Implications for schizophrenia. <i>Neurobiology of Learning and Memory</i> , 2015, 124, 104-110.	1.0	36
1155	Neuronal Activity Promotes Glioma Growth through Neuroligin-3 Secretion. <i>Cell</i> , 2015, 161, 803-816.	13.5	550
1156	Reelin expression in brain endothelial cells: an electron microscopy study. <i>BMC Neuroscience</i> , 2015, 16, 16.	0.8	14
1157	APOE4 enhances age-dependent decline in cognitive function by down-regulating an NMDA receptor pathway in EFAD-Tg mice. <i>Molecular Neurodegeneration</i> , 2015, 10, 7.	4.4	79

#	ARTICLE	IF	CITATIONS
1158	Polycomb-mediated silencing in neuroendocrine prostate cancer. <i>Clinical Epigenetics</i> , 2015, 7, 40.	1.8	93
1159	Somatic cancer mutations in the MLL3-SET domain alter the catalytic properties of the enzyme. <i>Clinical Epigenetics</i> , 2015, 7, 36.	1.8	36
1160	Fate determination in mesenchymal stem cells: a perspective from histone-modifying enzymes. <i>Stem Cell Research and Therapy</i> , 2015, 6, 35.	2.4	58
1161	Neuronal nucleus and cytoplasm volume deficit in children with autism and volume increase in adolescents and adults. <i>Acta Neuropathologica Communications</i> , 2015, 3, 2.	2.4	32
1162	Learning, plasticity, and atypical generalization in children with autism. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1342-1348.	1.4	40
1163	Transcriptional regulation of GAD1 GABA synthesis gene in the prefrontal cortex of subjects with schizophrenia. <i>Schizophrenia Research</i> , 2015, 167, 28-34.	1.1	50
1164	Plasticity of Cortical Excitatory-Inhibitory Balance. <i>Annual Review of Neuroscience</i> , 2015, 38, 195-219.	5.0	355
1165	Kraepelin revisited: schizophrenia from degeneration to failed regeneration. <i>Molecular Psychiatry</i> , 2015, 20, 671-676.	4.1	83
1166	A kinome-targeted RNAi-based screen links FGF signaling to H2AX phosphorylation in response to radiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3559-3573.	2.4	10
1167	Dynamic Network Communication as a Unifying Neural Basis for Cognition, Development, Aging, and Disease. <i>Biological Psychiatry</i> , 2015, 77, 1089-1097.	0.7	387
1168	Computer-aided Molecular Design of Compounds Targeting Histone Modifying Enzymes. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 358-365.	1.9	19
1169	NKCC1 Activation Is Required for Myelinated Sensory Neurons Regeneration through JNK-Dependent Pathway. <i>Journal of Neuroscience</i> , 2015, 35, 7414-7427.	1.7	18
1170	Control of Brain Development, Function, and Behavior by the Microbiome. <i>Cell Host and Microbe</i> , 2015, 17, 565-576.	5.1	815
1171	Duration of culture and sonic hedgehog signaling differentially specify PV versus SST cortical interneuron fates from embryonic stem cells. <i>Development (Cambridge)</i> , 2015, 142, 1267-1278.	1.2	38
1172	Design, synthesis, and kinetic analysis of potent protein N-terminal methyltransferase 1 inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4149-4154.	1.5	46
1173	Rare variants in neuronal excitability genes influence risk for bipolar disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3576-3581.	3.3	152
1174	Application of the Protein Semisynthesis Strategy to the Generation of Modified Chromatin. <i>Annual Review of Biochemistry</i> , 2015, 84, 265-290.	5.0	60
1175	Rett syndrome: a complex disorder with simple roots. <i>Nature Reviews Genetics</i> , 2015, 16, 261-275.	7.7	277

#	ARTICLE	IF	CITATIONS
1176	The high mobility group A2 protein epigenetically silences the Cdh1 gene during epithelial-to-mesenchymal transition. <i>Nucleic Acids Research</i> , 2015, 43, 162-178.	6.5	69
1177	Histone methylations in heart development, congenital and adult heart diseases. <i>Epigenomics</i> , 2015, 7, 321-330.	1.0	61
1178	Antidepressant action of HDAC inhibition in the prefrontal cortex. <i>Neuroscience</i> , 2015, 298, 329-335.	1.1	65
1179	Chemical profiling of the genome with anti-cancer drugs defines target specificities. <i>Nature Chemical Biology</i> , 2015, 11, 472-480.	3.9	62
1180	Patterning, specification, and differentiation in the developing hypothalamus. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2015, 4, 445-468.	5.9	85
1181	Altered $\gamma$ -aminobutyric acid neurotransmission in major depressive disorder: a critical review of the supporting evidence and the influence of $\text{5-HT}$ serotonergic antidepressants. <i>Drug Design, Development and Therapy</i> , 2015, 9, 603.	2.0	117
1182	Genome-wide gene pathway analysis of psychotic illness symptom dimensions based on a new schizophrenia-specific model of the OPCRIT. <i>Schizophrenia Research</i> , 2015, 164, 181-186.	1.1	19
1183	Role of GABA Deficit in Sensitivity to the Psychotomimetic Effects of Amphetamine. <i>Neuropsychopharmacology</i> , 2015, 40, 2822-2831.	2.8	6
1184	Viral-mediated Labeling and Transplantation of Medial Ganglionic Eminence (MGE) Cells for $\text{In Vivo}$ Studies. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	27
1185	Gain-of-function mutation of chromatin regulators as a tumorigenic mechanism and an opportunity for therapeutic intervention. <i>Current Opinion in Oncology</i> , 2015, 27, 57-63.	1.1	19
1186	The utility of rodent models of autism spectrum disorders. <i>Current Opinion in Neurology</i> , 2015, 28, 103-109.	1.8	21
1187	Novel methylation markers of the dysexecutive-psychiatric phenotype in <i>FMR1</i> premutation women. <i>Neurology</i> , 2015, 84, 1631-1638.	1.5	32
1188	Shank1 regulates excitatory synaptic transmission in mouse hippocampal parvalbumin-expressing inhibitory interneurons. <i>European Journal of Neuroscience</i> , 2015, 41, 1025-1035.	1.2	54
1189	Epigenetic Mechanisms of Serotonin Signaling. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1099-1109.	1.7	39
1190	Importance of Reelin C-Terminal Region in the Development and Maintenance of the Postnatal Cerebral Cortex and Its Regulation by Specific Proteolysis. <i>Journal of Neuroscience</i> , 2015, 35, 4776-4787.	1.7	64
1191	Clock Genes Control Cortical Critical Period Timing. <i>Neuron</i> , 2015, 86, 264-275.	3.8	93
1192	Friedreich Ataxia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 166-176.	0.9	24
1193	Analysing human neural stem cell ontogeny by consecutive isolation of Notch active neural progenitors. <i>Nature Communications</i> , 2015, 6, 6500.	5.8	73

#	ARTICLE	IF	CITATIONS
1194	GABAergic regulation of cerebellar NG2 cell development is altered in perinatal white matter injury. <i>Nature Neuroscience</i> , 2015, 18, 674-682.	7.1	167
1195	Inhibition-Based Biomarkers for Autism Spectrum Disorder. <i>Neurotherapeutics</i> , 2015, 12, 546-552.	2.1	28
1196	Genetics in child and adolescent psychiatry: methodological advances and conceptual issues. <i>European Child and Adolescent Psychiatry</i> , 2015, 24, 619-634.	2.8	9
1197	Structural insight into how the human helicase subunit MCM2 may act as a histone chaperone together with ASF1 at the replication fork. <i>Nucleic Acids Research</i> , 2015, 43, 1905-1917.	6.5	108
1198	Pharmacological Selectivity Within Class I Histone Deacetylases Predicts Effects on Synaptic Function and Memory Rescue. <i>Neuropsychopharmacology</i> , 2015, 40, 2307-2316.	2.8	79
1199	Human gephyrin is encompassed within giant functional noncoding yin-yang sequences. <i>Nature Communications</i> , 2015, 6, 6534.	5.8	15
1200	Ion Channels in Innate and Adaptive Immunity. <i>Annual Review of Immunology</i> , 2015, 33, 291-353.	9.5	541
1201	Borna Disease Virus Phosphoprotein Modulates Epigenetic Signaling in Neurons To Control Viral Replication. <i>Journal of Virology</i> , 2015, 89, 5996-6008.	1.5	22
1202	Neuronal Kmt2a/Mll1 Histone Methyltransferase Is Essential for Prefrontal Synaptic Plasticity and Working Memory. <i>Journal of Neuroscience</i> , 2015, 35, 5097-5108.	1.7	126
1203	The Use of Induced Pluripotent Stem Cell Technology to Advance Autism Research and Treatment. <i>Neurotherapeutics</i> , 2015, 12, 534-545.	2.1	24
1204	Mapping Synaptic Input Fields of Neurons with Super-Resolution Imaging. <i>Cell</i> , 2015, 163, 493-505.	13.5	119
1205	Shared Pathways Among Autism Candidate Genes Determined by Co-expression Network Analysis of the Developing Human Brain Transcriptome. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 580-594.	1.1	54
1206	A High-Resolution Imaging Approach to Investigate Chromatin Architecture in Complex Tissues. <i>Cell</i> , 2015, 163, 246-255.	13.5	67
1207	Progress in epigenetic histone modification analysis by mass spectrometry for clinical investigations. <i>Expert Review of Proteomics</i> , 2015, 12, 499-517.	1.3	51
1208	Flupirtine effectively prevents development of acute neonatal seizures in an animal model of global hypoxia. <i>Neuroscience Letters</i> , 2015, 607, 46-51.	1.0	23
1209	Converging models of schizophrenia – Network alterations of prefrontal cortex underlying cognitive impairments. <i>Progress in Neurobiology</i> , 2015, 134, 178-201.	2.8	71
1210	Loss of EZH2 results in precocious mammary gland development and activation of STAT5-dependent genes. <i>Nucleic Acids Research</i> , 2015, 43, 8774-8789.	6.5	38
1211	Transcription-Factor-Dependent Control of Adult Hippocampal Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a018879.	2.3	55

#	ARTICLE	IF	CITATIONS
1212	A GABAergic projection from the zona incerta to cortex promotes cortical neuron development. <i>Science</i> , 2015, 350, 554-558.	6.0	71
1213	MicroRNA-153 Regulates the Acquisition of Gliogenic Competence by Neural Stem Cells. <i>Stem Cell Reports</i> , 2015, 5, 365-377.	2.3	45
1214	Age-Related Changes in 1/f Neural Electrophysiological Noise. <i>Journal of Neuroscience</i> , 2015, 35, 13257-13265.	1.7	479
1215	Mechanisms of stress in the brain. <i>Nature Neuroscience</i> , 2015, 18, 1353-1363.	7.1	1,056
1216	Altered hippocampal-dependent memory and motor function in neuropilin 2-deficient mice. <i>Translational Psychiatry</i> , 2015, 5, e521-e521.	2.4	27
1217	BDNF promoter methylation and genetic variation in late-life depression. <i>Translational Psychiatry</i> , 2015, 5, e619-e619.	2.4	111
1218	Robust disruptions in electroencephalogram cortical oscillations and large-scale functional networks in autism. <i>BMC Neurology</i> , 2015, 15, 97.	0.8	32
1219	Selective Dysregulation of Hippocampal Inhibition in the Mouse Lacking Autism Candidate Gene <i>CNTNAP2</i> . <i>Journal of Neuroscience</i> , 2015, 35, 14681-14687.	1.7	61
1220	Nitrogen mineralization and geochemical characteristics of amino acids in surface sediments of a typical polluted area in the Haihe River Basin, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17975-17986.	2.7	25
1221	Instructing Perisomatic Inhibition by Direct Lineage Reprogramming of Neocortical Projection Neurons. <i>Neuron</i> , 2015, 88, 475-483.	3.8	53
1222	To go or not to go?. <i>Cell Cycle</i> , 2015, 14, 1136-1137.	1.3	0
1223	GABA and glutamate: the Yin and Yang of fragile X. <i>Cell Cycle</i> , 2015, 14, 2559-2559.	1.3	3
1224	Single-Gene Determinants of Epilepsy Comorbidity. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a022756.	2.9	33
1225	NKCC1 downregulation induces hyperpolarizing shift of GABA responsiveness at near term fetal stages in rat cultured dorsal root ganglion neurons. <i>BMC Neuroscience</i> , 2015, 16, 41.	0.8	5
1226	Short-Circuiting Gene Regulatory Networks: Origins of B Cell Lymphoma. <i>Trends in Genetics</i> , 2015, 31, 720-731.	2.9	5
1227	Epigenetic silencing of TH1-type chemokines shapes tumour immunity and immunotherapy. <i>Nature</i> , 2015, 527, 249-253.	13.7	897
1228	hVGAT-mCherry: A novel molecular tool for analysis of GABAergic neurons derived from human pluripotent stem cells. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 244-257.	1.0	22
1229	Increased abundance of translation machinery in stem cell-derived neural progenitor cells from four schizophrenia patients. <i>Translational Psychiatry</i> , 2015, 5, e662-e662.	2.4	48

#	ARTICLE	IF	CITATIONS
1230	Genome-wide disruption of 5-hydroxymethylcytosine in a mouse model of autism. <i>Human Molecular Genetics</i> , 2015, 24, ddv411.	1.4	38
1231	Monocyte enhancers are highly altered in systemic lupus erythematosus. <i>Epigenomics</i> , 2015, 7, 921-935.	1.0	27
1232	JHDM1D and HDAC1 mRNA expression levels in peripheral blood mononuclear cells of patients with systemic lupus erythematosus. <i>Zeitschrift Fur Rheumatologie</i> , 2015, 74, 902-910.	0.5	12
1233	Selective reduction of cerebral cortex GABA neurons in a late gestation model of fetal alcohol spectrum disorder. <i>Alcohol</i> , 2015, 49, 571-580.	0.8	56
1234	New Functional Signatures for Understanding Melanoma Biology from Tumor Cell Lineage-Specific Analysis. <i>Cell Reports</i> , 2015, 13, 840-853.	2.9	76
1235	Neuronal expression of CB2 cannabinoid receptor mRNAs in the mouse hippocampus. <i>Neuroscience</i> , 2015, 311, 253-267.	1.1	123
1236	Targeting epigenetic regulations in cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 97-109.	0.9	60
1237	Epigenetics and therapeutic targets mediating neuroprotection. <i>Brain Research</i> , 2015, 1628, 265-272.	1.1	10
1238	Lack of parvalbumin in mice leads to behavioral deficits relevant to all human autism core symptoms and related neural morphofunctional abnormalities. <i>Translational Psychiatry</i> , 2015, 5, e525-e525.	2.4	231
1239	Regional Specificity of GABAergic Regulation of Cross-Modal Plasticity in Mouse Visual Cortex after Unilateral Enucleation. <i>Journal of Neuroscience</i> , 2015, 35, 11174-11189.	1.7	16
1240	Acute and Chronic Efficacy of Bumetanide in an <i>in vitro</i> Model of Posttraumatic Epileptogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 173-180.	1.9	21
1241	Reelin supplementation recovers synaptic plasticity and cognitive deficits in a mouse model for Angelman syndrome. <i>European Journal of Neuroscience</i> , 2015, 41, 1372-1380.	1.2	48
1242	Polycomb group proteins are epigenetic repressors with emerging roles in melanocytes and melanoma. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 330-339.	1.5	9
1243	Decreases in mitochondrial reactive oxygen species initiate GABA <sub>A</sub> receptor-mediated electrical suppression in anoxia-tolerant turtle neurons. <i>Journal of Physiology</i> , 2015, 593, 2311-2326.	1.3	29
1244	Developmentally regulated neurosteroid synthesis enhances GABAergic neurotransmission in mouse thalamocortical neurones. <i>Journal of Physiology</i> , 2015, 593, 267-284.	1.3	18
1245	Mechanisms of Intrinsic Epileptogenesis in Human Gelastic Seizures with Hypothalamic Hamartoma. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 104-111.	1.9	26
1246	Disruption of mGluR5 in parvalbumin-positive interneurons induces core features of neurodevelopmental disorders. <i>Molecular Psychiatry</i> , 2015, 20, 1161-1172.	4.1	77
1247	<i>Fmr1</i> deficiency promotes age-dependent alterations in the cortical synaptic proteome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4697-706.	3.3	77

#	ARTICLE	IF	CITATIONS
1248	MeCP2 regulates the timing of critical period plasticity that shapes functional connectivity in primary visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4782-91.	3.3	122
1249	Inositol Hexakisphosphate Kinase-3 Regulates the Morphology and Synapse Formation of Cerebellar Purkinje Cells via Spectrin/Adducin. <i>Journal of Neuroscience</i> , 2015, 35, 11056-11067.	1.7	46
1250	Transcriptional Profiling of Hypoxic Neural Stem Cells Identifies Calcineurin-NFATc4 Signaling as a Major Regulator of Neural Stem Cell Biology. <i>Stem Cell Reports</i> , 2015, 5, 157-165.	2.3	31
1251	Mutation of chromatin modifiers; an emerging hallmark of germinal center B-cell lymphomas. <i>Blood Cancer Journal</i> , 2015, 5, e361-e361.	2.8	79
1252	Chronic mild stress and antidepressant treatment alter 5-HT1A receptor expression by modifying DNA methylation of a conserved Sp4 site. <i>Neurobiology of Disease</i> , 2015, 82, 332-341.	2.1	53
1253	Behavioral, perceptual, and neural alterations in sensory and multisensory function in autism spectrum disorder. <i>Progress in Neurobiology</i> , 2015, 134, 140-160.	2.8	265
1254	Loss of BAP1 function leads to EZH2-dependent transformation. <i>Nature Medicine</i> , 2015, 21, 1344-1349.	15.2	297
1255	Adenosine A2A receptor activation is determinant for BDNF actions upon GABA and glutamate release from rat hippocampal synaptosomes. <i>Purinergic Signalling</i> , 2015, 11, 607-612.	1.1	23
1256	A frightening thought: Neuronal activity enhances tumor growth. <i>Cell Research</i> , 2015, 25, 891-892.	5.7	6
1257	Translational potential of olfactory mucosa for the study of neuropsychiatric illness. <i>Translational Psychiatry</i> , 2015, 5, e527-e527.	2.4	56
1258	The Purkinje neuron: A central orchestrator of cerebellar neurogenesis. <i>Neurogenesis (Austin, Tex)</i> , 2015, 2, e1025940.	1.5	18
1259	Genes, circuits, and precision therapies for autism and related neurodevelopmental disorders. <i>Science</i> , 2015, 350, .	6.0	230
1260	Sun1 deficiency leads to cerebellar ataxia in mice. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 957-67.	1.2	24
1261	Increased Dosage of High-Affinity Kainate Receptor Gene <i>grik4</i> Alters Synaptic Transmission and Reproduces Autism Spectrum Disorders Features. <i>Journal of Neuroscience</i> , 2015, 35, 13619-13628.	1.7	41
1262	New Perspectives for the Rescue of Cognitive Disability in Down Syndrome. <i>Journal of Neuroscience</i> , 2015, 35, 13843-13852.	1.7	28
1263	Neurotransmission plays contrasting roles in the maturation of inhibitory synapses on axons and dendrites of retinal bipolar cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12840-12845.	3.3	34
1264	Fragile X Proteins FMRP and FXR2P Control Synaptic GluA1 Expression and Neuronal Maturation via Distinct Mechanisms. <i>Cell Reports</i> , 2015, 11, 1651-1666.	2.9	72
1265	Developing Medications Targeting Glutamatergic Dysfunction in Autism: Progress to Date. <i>CNS Drugs</i> , 2015, 29, 453-463.	2.7	24

#	ARTICLE	IF	CITATIONS
1266	Reduced gamma-aminobutyric acid concentration is associated with physical disability in progressive multiple sclerosis. <i>Brain</i> , 2015, 138, 2584-2595.	3.7	95
1267	Zic2 Controls the Migration of Specific Neuronal Populations in the Developing Forebrain. <i>Journal of Neuroscience</i> , 2015, 35, 11266-11280.	1.7	25
1268	Long-term effects of early-life caregiving experiences on brain-derived neurotrophic factor histone acetylation in the adult rat mPFC. <i>Stress</i> , 2015, 18, 607-615.	0.8	44
1269	Fructose consumption reduces hippocampal synaptic plasticity underlying cognitive performance. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2379-2390.	1.8	55
1270	Positive feedback between RNA-binding protein HuD and transcription factor SATB1 promotes neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4995-5004.	3.3	55
1271	Altered Neuronal and Circuit Excitability in Fragile X Syndrome. <i>Neuron</i> , 2015, 87, 699-715.	3.8	331
1272	Excitatory/Inhibitory Balance and Circuit Homeostasis in Autism Spectrum Disorders. <i>Neuron</i> , 2015, 87, 684-698.	3.8	858
1273	The Sorting Receptor SorCS1 Regulates Trafficking of Neurexin and AMPA Receptors. <i>Neuron</i> , 2015, 87, 764-780.	3.8	71
1274	Low-Dose Sevoflurane Promotes Hippocampal Neurogenesis and Facilitates the Development of Dentate Gyrus-Dependent Learning in Neonatal Rats. <i>ASN Neuro</i> , 2015, 7, 175909141557584.	1.5	26
1275	Experience Modulates the Effects of Histone Deacetylase Inhibitors on Gene and Protein Expression in the Hippocampus: Impaired Plasticity in Aging. <i>Journal of Neuroscience</i> , 2015, 35, 11729-11742.	1.7	20
1276	Characterization and pharmacologic targeting of EZH2, a fetal retinal protein and epigenetic regulator, in human retinoblastoma. <i>Laboratory Investigation</i> , 2015, 95, 1278-1290.	1.7	26
1277	A Meta-Analysis of Autobiographical Memory Studies in Schizophrenia Spectrum Disorder. <i>Schizophrenia Bulletin</i> , 2016, 42, sbv099.	2.3	79
1278	Neurexins Sculpt Cerebellar Purkinje-Cell Circuits by Differential Control of Distinct Classes of Synapses. <i>Neuron</i> , 2015, 87, 781-796.	3.8	128
1279	Optogenetics: 10 years of microbial opsins in neuroscience. <i>Nature Neuroscience</i> , 2015, 18, 1213-1225.	7.1	1,029
1280	DNA-Demethylating Agents Target Colorectal Cancer Cells by Inducing Viral Mimicry by Endogenous Transcripts. <i>Cell</i> , 2015, 162, 961-973.	13.5	1,075
1281	Thyroid hormone signaling: Contribution to neural function, cognition, and relationship to nicotine. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 252-263.	2.9	16
1282	Fragile X Syndrome FMRP Co-localizes with Regulatory Targets PSD-95, GABA Receptors, CaMKII $\alpha$ , and mGluR5 at Fiber Cell Membranes in the Eye Lens. <i>Neurochemical Research</i> , 2015, 40, 2167-2176.	1.6	13
1283	Vitamin D <sub>3</sub> Supplemental Treatment for Mania in Youth with Bipolar Spectrum Disorders. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2015, 25, 415-424.	0.7	37

#	ARTICLE	IF	CITATIONS
1284	Analyzing the influence of BDNF heterozygosity on spatial memory response to 17 $\beta$ -estradiol. <i>Translational Psychiatry</i> , 2015, 5, e498-e498.	2.4	32
1285	A Methionine-Induced Animal Model of Schizophrenia: Face and Predictive Validity. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv054.	1.0	27
1286	MSC Transplantation Improves Osteopenia via Epigenetic Regulation of Notch Signaling in Lupus. <i>Cell Metabolism</i> , 2015, 22, 606-618.	7.2	195
1287	Disruption of KMT2D perturbs germinal center B cell development and promotes lymphomagenesis. <i>Nature Medicine</i> , 2015, 21, 1190-1198.	15.2	372
1288	Nicotine recruits glutamate receptors to postsynaptic sites. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 340-349.	1.0	14
1289	Tip off the HATâ€“ Epigenetic control of learning and memory by <i>Drosophila</i> Tip60. <i>Fly</i> , 2015, 9, 22-28.	0.9	11
1290	Development and Use of Assay Conditions Suited to Screening for and Profiling of SET-Domain-Targeted Inhibitors of the MLL/SET1 Family of Lysine Methyltransferases. <i>Assay and Drug Development Technologies</i> , 2015, 13, 221-234.	0.6	7
1291	Modeling psychiatric disorders for developing effective treatments. <i>Nature Medicine</i> , 2015, 21, 979-988.	15.2	127
1292	Dynamics and function of distal regulatory elements during neurogenesis and neuroplasticity. <i>Genome Research</i> , 2015, 25, 1309-1324.	2.4	46
1293	Quantification of Histone H3 Lys27 Trimethylation (H3K27me3) by High-Throughput Microscopy Enables Cellular Large-Scale Screening for Small-Molecule EZH2 Inhibitors. <i>Journal of Biomolecular Screening</i> , 2015, 20, 190-201.	2.6	26
1294	<i>Prox1</i> Regulates the Subtype-Specific Development of Caudal Ganglionic Eminence-Derived GABAergic Cortical Interneurons. <i>Journal of Neuroscience</i> , 2015, 35, 12869-12889.	1.7	104
1295	Dynamic Changes from Depolarizing to Hyperpolarizing GABAergic Actions during Giant Depolarizing Potentials in the Neonatal Rat Hippocampus. <i>Journal of Neuroscience</i> , 2015, 35, 12635-12642.	1.7	73
1296	Genetic and molecular alterations across medulloblastoma subgroups. <i>Journal of Molecular Medicine</i> , 2015, 93, 1075-1084.	1.7	51
1297	Degraded neural and behavioral processing of speech sounds in a rat model of Rett syndrome. <i>Neurobiology of Disease</i> , 2015, 83, 26-34.	2.1	34
1298	Jmjd3-Mediated H3K27me3 Dynamics Orchestrate Brown Fat Development and Regulate White Fat Plasticity. <i>Developmental Cell</i> , 2015, 35, 568-583.	3.1	73
1299	Deciphering H3K4me3 broad domains associated with gene-regulatory networks and conserved epigenomic landscapes in the human brain. <i>Translational Psychiatry</i> , 2015, 5, e679-e679.	2.4	57
1300	Compromising the phosphodependent regulation of the GABA <sub>A</sub> R $\gamma$ 23 subunit reproduces the core phenotypes of autism spectrum disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14805-14810.	3.3	41
1301	Amphetamine activates calcium channels through dopamine transporter-mediated depolarization. <i>Cell Calcium</i> , 2015, 58, 457-466.	1.1	29

#	ARTICLE	IF	CITATIONS
1302	Cell-based assays to support the profiling of small molecules with histone methyltransferase and demethylase modulatory activity. <i>Drug Discovery Today: Technologies</i> , 2015, 18, 9-17.	4.0	10
1303	Homeostatic regulation of KCC2 activity by the zinc receptor mZnR/GPR39 during seizures. <i>Neurobiology of Disease</i> , 2015, 81, 4-13.	2.1	66
1304	Suppressive mechanisms in visual motion processing: From perception to intelligence. <i>Vision Research</i> , 2015, 115, 58-70.	0.7	68
1305	Interneuron Transcriptional Dysregulation Causes Frequency-Dependent Alterations in the Balance of Inhibition and Excitation in Hippocampus. <i>Journal of Neuroscience</i> , 2015, 35, 15276-15290.	1.7	41
1306	The impact of micronutrient supplementation in alcohol-exposed pregnancies on information processing skills in Ukrainian infants. <i>Alcohol</i> , 2015, 49, 647-656.	0.8	64
1307	The Parvalbumin/Somatostatin Ratio Is Increased in Pten Mutant Mice and by Human PTEN ASD Alleles. <i>Cell Reports</i> , 2015, 11, 944-956.	2.9	111
1308	Correspondence between Resting-State Activity and Brain Gene Expression. <i>Neuron</i> , 2015, 88, 659-666.	3.8	117
1309	Inferring Selective Constraint from Population Genomic Data Suggests Recent Regulatory Turnover in the Human Brain. <i>Genome Biology and Evolution</i> , 2015, 7, 3511-3528.	1.1	25
1310	Principles of connectivity among morphologically defined cell types in adult neocortex. <i>Science</i> , 2015, 350, aac9462.	6.0	736
1311	Drugging Chromatin in Cancer: Recent Advances and Novel Approaches. <i>Molecular Cell</i> , 2015, 60, 561-570.	4.5	47
1312	Increased DUX4 expression during muscle differentiation correlates with decreased SMCHD1 protein levels at D4Z4. <i>Epigenetics</i> , 2015, 10, 1133-1142.	1.3	52
1313	SWI/SNF-mutant cancers depend on catalytic and non-catalytic activity of EZH2. <i>Nature Medicine</i> , 2015, 21, 1491-1496.	15.2	334
1314	Abnormal subcellular localization of GABAA receptor subunits in schizophrenia brain. <i>Translational Psychiatry</i> , 2015, 5, e612-e612.	2.4	33
1315	Integrating phenotypic small-molecule profiling and human genetics: the next phase in drug discovery. <i>Trends in Genetics</i> , 2015, 31, 16-23.	2.9	16
1316	Evidence for inhibitory deficits in the prefrontal cortex in schizophrenia. <i>Brain</i> , 2015, 138, 483-497.	3.7	63
1317	Functional Crosstalk Between Lysine Methyltransferases on Histone Substrates: The Case of G9A/GLP and Polycomb Repressive Complex 2. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1365-1381.	2.5	26
1318	Basic Mechanisms of Epileptogenesis in Pediatric Cortical Dysplasia. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 92-103.	1.9	78
1319	Regulation of chromatin states by drugs of abuse. <i>Current Opinion in Neurobiology</i> , 2015, 30, 112-121.	2.0	80

#	ARTICLE	IF	CITATIONS
1320	Novel astrocyte targets. <i>Neuroscientist</i> , 2015, 21, 62-83.	2.6	46
1321	DNA-methyltransferase1 (DNMT1) binding to CpG rich GABAergic and BDNF promoters is increased in the brain of schizophrenia and bipolar disorder patients. <i>Schizophrenia Research</i> , 2015, 167, 35-41.	1.1	79
1322	Targeting protein-protein interactions in hematologic malignancies: still a challenge or a great opportunity for future therapies?. <i>Immunological Reviews</i> , 2015, 263, 279-301.	2.8	42
1323	Epigenetic programming of hypoxic-ischemic encephalopathy in response to fetal hypoxia. <i>Progress in Neurobiology</i> , 2015, 124, 28-48.	2.8	47
1324	5-Hydroxymethylcytosine, the "Sixth Base", during brain development and ageing. <i>Journal of Neural Transmission</i> , 2015, 122, 1035-1043.	1.4	20
1325	Genotype to phenotype relationships in autism spectrum disorders. <i>Nature Neuroscience</i> , 2015, 18, 191-198.	7.1	168
1326	Searching human brain for mechanisms of psychiatric disorders. Implications for studies on schizophrenia. <i>Schizophrenia Research</i> , 2015, 167, 91-97.	1.1	14
1327	Depolarizing GABA and Developmental Epilepsies. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 83-91.	1.9	66
1328	Nitric Oxide Synthase 1 Adaptor Protein, a Protein Implicated in Schizophrenia, Controls Radial Migration of Cortical Neurons. <i>Biological Psychiatry</i> , 2015, 77, 969-978.	0.7	30
1329	Epigenetic dysregulation of hairy and enhancer of split 4 (HES4) is associated with striatal degeneration in postmortem Huntington brains. <i>Human Molecular Genetics</i> , 2015, 24, 1441-1456.	1.4	67
1330	Molecular underpinnings of prefrontal cortex development in rodents provide insights into the etiology of neurodevelopmental disorders. <i>Molecular Psychiatry</i> , 2015, 20, 795-809.	4.1	121
1331	Neurodevelopment and the Origins of Brain Disorders. <i>Neuropsychopharmacology</i> , 2015, 40, 1-3.	2.8	58
1332	Brain-Derived Neurotrophic Factor Epigenetic Modifications Associated with Schizophrenia-like Phenotype Induced by Prenatal Stress in Mice. <i>Biological Psychiatry</i> , 2015, 77, 589-596.	0.7	139
1333	GABAergic mechanisms of hippocampal hyperactivity in schizophrenia. <i>Schizophrenia Research</i> , 2015, 167, 4-11.	1.1	211
1334	Novel Interactive Partners of Neuroligin 3: New Aspects for Pathogenesis of Autism. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 89-101.	1.1	18
1335	Polycomb-dependent repression of the potassium channel-encoding gene KCNA5 promotes cancer cell survival under conditions of stress. <i>Oncogene</i> , 2015, 34, 4591-4600.	2.6	19
1336	TGF $\beta$ 2 regulates hypothalamic Trh expression through the TGF $\beta$ 2 inducible early gene-1 (TIEG1) during fetal development. <i>Molecular and Cellular Endocrinology</i> , 2015, 400, 129-139.	1.6	7
1337	Deregulated proliferation and differentiation in brain tumors. <i>Cell and Tissue Research</i> , 2015, 359, 225-254.	1.5	28

#	ARTICLE	IF	CITATIONS
1338	Loss of Dopamine D2 Receptors Increases Parvalbumin-Positive Interneurons in the Anterior Cingulate Cortex. <i>ACS Chemical Neuroscience</i> , 2015, 6, 297-305.	1.7	12
1339	Modeling non-syndromic autism and the impact of TRPC6 disruption in human neurons. <i>Molecular Psychiatry</i> , 2015, 20, 1350-1365.	4.1	175
1340	Molecular psychiatry of zebrafish. <i>Molecular Psychiatry</i> , 2015, 20, 2-17.	4.1	174
1341	Characterization of a subpopulation of developing cortical interneurons from human iPSCs within serum-free embryoid bodies. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C209-C219.	2.1	17
1342	Dopaminergic Circuitry and Risk/Reward Decision Making: Implications for Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 9-14.	2.3	38
1343	Chronic stress shifts the GABA reversal potential in the hippocampus and increases seizure susceptibility. <i>Epilepsy Research</i> , 2015, 109, 13-27.	0.8	97
1344	In vivo magnetic resonance studies reveal neuroanatomical and neurochemical abnormalities in the serine racemase knockout mouse model of schizophrenia. <i>Neurobiology of Disease</i> , 2015, 73, 269-274.	2.1	27
1345	Neuromagnetic Oscillations Predict Evoked-Response Latency Delays and Core Language Deficits in Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 395-405.	1.7	132
1346	Clinical Research Informatics for Big Data and Precision Medicine. <i>Yearbook of Medical Informatics</i> , 2016, 25, 211-218.	0.8	24
1347	Targeting Enhancer of Zeste Homolog 2 as a promising strategy for cancer treatment. <i>World Journal of Clinical Oncology</i> , 2016, 7, 135.	0.9	23
1348	DNA Methylation of BDNF Gene in Schizophrenia. <i>Medical Science Monitor</i> , 2016, 22, 397-402.	0.5	20
1349	SAAMBE: Webserver to Predict the Charge of Binding Free Energy Caused by Amino Acids Mutations. <i>International Journal of Molecular Sciences</i> , 2016, 17, 547.	1.8	59
1350	Glutamate Decarboxylase 1 Overexpression as a Poor Prognostic Factor in Patients with Nasopharyngeal Carcinoma. <i>Journal of Cancer</i> , 2016, 7, 1716-1723.	1.2	16
1351	Spindle Bursts in Neonatal Rat Cerebral Cortex. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	49
1352	Genetics and epigenetics of myelodysplastic syndromes and response to drug therapy: new insights. <i>Oncology Reviews</i> , 2016, 10, 311.	0.8	9
1353	HEDD: the human epigenetic drug database. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw159.	1.4	44
1354	Prader-Willi Syndrome: The Disease that Opened up Epigenomic-Based Preemptive Medicine. <i>Diseases (Basel, Switzerland)</i> , 2016, 4, 15.	1.0	3
1355	Indications of success: Strategies for utilizing neuroimaging biomarkers in CNS drug discovery and development. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, pyw111.	1.0	19

#	ARTICLE	IF	CITATIONS
1356	Recapitulating the Size and Cargo of Tumor Exosomes in a Tissue-Engineered Model. <i>Theranostics</i> , 2016, 6, 1119-1130.	4.6	68
1357	Cycloid psychoses in the psychosis spectrum: evidence for biochemical differences with schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2016, Volume 12, 1927-1933.	1.0	13
1358	Hypoxia-Inducible Histone Lysine Demethylases: Impact on the Aging Process and Age-Related Diseases. , 2016, 7, 180.		63
1359	Anti-glutamic acid decarboxylase antibody positive neurological syndromes. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2016, 21, 215-222.	0.5	41
1360	Effect of Jian-Pi-Zhi-Dong Decoction on striatal glutamate and $\gamma$ -aminobutyric acid levels detected using microdialysis in a rat model of Tourette syndrome. <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 1233.	1.0	9
1361	Age-associated Cognitive Decline: Insights into Molecular Switches and Recovery Avenues. , 2016, 7, 121.		72
1362	Layer specific and general requirements for ERK/MAPK signaling in the developing neocortex. <i>ELife</i> , 2016, 5, .	2.8	54
1363	Rewiring of Developing Spinal Nociceptive Circuits by Neonatal Injury and Its Implications for Pediatric Chronic Pain. <i>Children</i> , 2016, 3, 16.	0.6	6
1364	Nurture Trumps Nature in a Model of Heritable Epilepsy: Will Bumetanide be the First Antiepileptogenic Drug?. <i>Epilepsy Currents</i> , 2016, 16, 168-169.	0.4	0
1365	Epigenetic Regulations of GABAergic Neurotransmission: Relevance for Neurological Disorders and Epigenetic Therapy. <i>Medical Epigenetics</i> , 2016, 4, 1-19.	262.3	6,201
1366	Waking up dormant tumor suppressor genes with zinc fingers, TALEs and the CRISPR/dCas9 system. <i>Oncotarget</i> , 2016, 7, 60535-60554.	0.8	61
1367	A review of Rett syndrome (RTT) with induced pluripotent stem cells. <i>Stem Cell Investigation</i> , 2016, 3, 52-52.	1.3	15
1368	Preface - Access to Knowledge Revisited. <i>Yearbook of Medical Informatics</i> , 2016, 25, S18-S20.	0.8	1
1369	Functional Profiling of Human MeCP2 by Automated Data Comparison Analysis and Computerized Expression Pathway Modeling. <i>Healthcare Informatics Research</i> , 2016, 22, 120.	1.0	4
1370	Evaluation of Bioinformatic Programmes for the Analysis of Variants within Splice Site Consensus Regions. <i>Advances in Bioinformatics</i> , 2016, 2016, 1-10.	5.7	43
1371	Spindle Activity Orchestrates Plasticity during Development and Sleep. <i>Neural Plasticity</i> , 2016, 2016, 1-14.	1.0	49
1372	Neuregulin-1 Regulates Cortical Inhibitory Neuron Dendrite and Synapse Growth through DISC1. <i>Neural Plasticity</i> , 2016, 2016, 1-15.	1.0	15
1373	Potential Role of Epigenetic Mechanism in Manganese Induced Neurotoxicity. <i>BioMed Research International</i> , 2016, 2016, 1-18.	0.9	40

#	ARTICLE	IF	CITATIONS
1374	Low Density Lipoprotein Receptor Related Proteins as Regulators of Neural Stem and Progenitor Cell Function. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	32
1375	Effect of Opioid on Adult Hippocampal Neurogenesis. <i>Scientific World Journal, The</i> , 2016, 2016, 1-7.	0.8	37
1376	Genetic and Epigenetic Mechanisms That Maintain Hematopoietic Stem Cell Function. <i>Stem Cells International</i> , 2016, 2016, 1-14.	1.2	33
1377	Plasticity of Hippocampal Excitatory-Inhibitory Balance: Missing the Synaptic Control in the Epileptic Brain. <i>Neural Plasticity</i> , 2016, 2016, 1-13.	1.0	102
1378	In Sickness and in Health: Perineuronal Nets and Synaptic Plasticity in Psychiatric Disorders. <i>Neural Plasticity</i> , 2016, 2016, 1-23.	1.0	95
1379	Functional Properties of Human Stem Cell-Derived Neurons in Health and Disease. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	27
1380	Developmental Dynamics of Rett Syndrome. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	65
1381	Spinal Plasticity and Behavior: BDNF-Induced Neuromodulation in Uninjured and Injured Spinal Cord. <i>Neural Plasticity</i> , 2016, 2016, 1-19.	1.0	86
1382	Celecoxib Adjunctive Treatment to Antipsychotics in Schizophrenia: A Review of Randomized Clinical Add-On Trials. <i>Mediators of Inflammation</i> , 2016, 2016, 1-8.	1.4	30
1383	Where Environment Meets Cognition: A Focus on Two Developmental Intellectual Disability Disorders. <i>Neural Plasticity</i> , 2016, 2016, 1-20.	1.0	18
1384	Inhibition of DNA Methylation Impairs Synaptic Plasticity during an Early Time Window in Rats. <i>Neural Plasticity</i> , 2016, 2016, 1-13.	1.0	14
1385	An excitatory cortical feedback loop gates retinal wave transmission in rodent thalamus. <i>ELife</i> , 2016, 5, .	2.8	53
1386	Stem Cell Models to Investigate the Role of DNA Methylation Machinery in Development of Neuropsychiatric Disorders. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	11
1387	A cellular and regulatory map of the GABAergic nervous system of <i>C. elegans</i> . <i>ELife</i> , 2016, 5, .	2.8	139
1388	Assessing Photoreceptor Structure in Retinitis Pigmentosa and Usher Syndrome. , 2016, 57, 2428.		81
1389	Epigenetic Research of Neurodegenerative Disorders Using Patient iPSC-Based Models. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	13
1390	The Synapse as a Central Target for Neurodevelopmental Susceptibility to Pesticides. <i>Toxics</i> , 2016, 4, 18.	1.6	23
1391	Zebrafish Get Connected: Investigating Neurotransmission Targets and Alterations in Chemical Toxicity. <i>Toxics</i> , 2016, 4, 19.	1.6	110

#	ARTICLE	IF	CITATIONS
1392	Epigenetic Effect of Environmental Factors on Autism Spectrum Disorders. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 504.	1.2	44
1393	Epithelial-Mesenchymal Transition and Breast Cancer. <i>Journal of Clinical Medicine</i> , 2016, 5, 13.	1.0	160
1394	Treatment-resistant schizophrenia: current insights on the pharmacogenomics of antipsychotics. <i>Pharmacogenomics and Personalized Medicine</i> , 2016, Volume 9, 117-129.	0.4	69
1395	Restoration of Mecp2 expression in GABAergic neurons is sufficient to rescue multiple disease features in a mouse model of Rett syndrome. <i>ELife</i> , 2016, 5, .	2.8	89
1396	Challenges in Molecular Diagnostics of Channelopathies in the Next-Generation Sequencing Era: Less Is More?. <i>Frontiers in Cardiovascular Medicine</i> , 2016, 3, 29.	1.1	8
1397	A Consensus Network of Gene Regulatory Factors in the Human Frontal Lobe. <i>Frontiers in Genetics</i> , 2016, 7, 31.	1.1	19
1398	Mouse Genetic Models of Human Brain Disorders. <i>Frontiers in Genetics</i> , 2016, 7, 40.	1.1	46
1399	Genome Engineering with TALE and CRISPR Systems in Neuroscience. <i>Frontiers in Genetics</i> , 2016, 7, 47.	1.1	25
1400	Molecular Pathways Bridging Frontotemporal Lobar Degeneration and Psychiatric Disorders. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 10.	1.7	16
1401	Asymmetry of Radial and Symmetry of Tangential Neuronal Migration Pathways in Developing Human Fetal Brains. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 2.	0.9	17
1402	Anatomically Detailed and Large-Scale Simulations Studying Synapse Loss and Synchrony Using NeuroBox. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 8.	0.9	14
1403	“Subpial Fan Cell” A Class of Calretinin Neuron in Layer 1 of Adult Monkey Prefrontal Cortex. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 28.	0.9	14
1404	Opposing Effects of Neuronal Activity on Structural Plasticity. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 75.	0.9	77
1405	The SocioBox: A Novel Paradigm to Assess Complex Social Recognition in Male Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 151.	1.0	14
1406	Exosomes as Novel Regulators of Adult Neurogenic Niches. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 501.	1.8	108
1407	Enrichment of GABAA Receptor $\alpha$ -Subunits on the Axonal Initial Segment Shows Regional Differences. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 39.	1.8	24
1408	Reelin-Related Disturbances in Depression: Implications for Translational Studies. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 48.	1.8	35
1409	Stepping Out of the Shade: Control of Neuronal Activity by the Scaffold Protein Kidins220/ARMS. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 68.	1.8	24

#	ARTICLE	IF	CITATIONS
1410	Reelin Proteolysis Affects Signaling Related to Normal Synapse Function and Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 75.	1.8	26
1411	RELN Mutations in Autism Spectrum Disorder. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 84.	1.8	68
1412	Epigenetic RELN Dysfunction in Schizophrenia and Related Neuropsychiatric Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 89.	1.8	68
1413	Failure of the Nemo Trial: Bumetanide Is a Promising Agent to Treat Many Brain Disorders but Not Newborn Seizures. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 90.	1.8	28
1414	GABA Signaling and Neuroactive Steroids in Adrenal Medullary Chromaffin Cells. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 100.	1.8	19
1415	Immature Responses to GABA in Fragile X Neurons Derived from Human Embryonic Stem Cells. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 121.	1.8	34
1416	New Insights into Reelin-Mediated Signaling Pathways. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 122.	1.8	131
1417	Structural Insights into Reelin Function: Present and Future. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 137.	1.8	27
1418	Reelin Exerts Structural, Biochemical and Transcriptional Regulation Over Presynaptic and Postsynaptic Elements in the Adult Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 138.	1.8	33
1419	Canonical and Non-canonical Reelin Signaling. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 166.	1.8	89
1420	Seizure-Induced Motility of Differentiated Dentate Granule Cells Is Prevented by the Central Reelin Fragment. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 183.	1.8	34
1421	Perinatal Exposure to Glufosinate Ammonium Herbicide Impairs Neurogenesis and Neuroblast Migration through Cytoskeleton Destabilization. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 191.	1.8	23
1422	NKCC1-Deficiency Results in Abnormal Proliferation of Neural Progenitor Cells of the Lateral Ganglionic Eminence. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 200.	1.8	13
1423	Computer Simulations Support a Morphological Contribution to BDNF Enhancement of Action Potential Generation. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 209.	1.8	3
1424	HDAC3 But not HDAC2 Mediates Visual Experience-Dependent Radial Glia Proliferation in the Developing <i>Xenopus</i> Tectum. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 221.	1.8	9
1425	Reelin and Neuropsychiatric Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 229.	1.8	143
1426	Transient Developmental Purkinje Cell Axonal Torpedoes in Healthy and Ataxic Mouse Cerebellum. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 248.	1.8	17
1427	A Subset of Autism-Associated Genes Regulate the Structural Stability of Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 263.	1.8	84

#	ARTICLE	IF	CITATIONS
1428	Systemic Radical Scavenger Treatment of a Mouse Model of Rett Syndrome: Merits and Limitations of the Vitamin E Derivative Trolox. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 266.	1.8	26
1429	The Diversity of Cortical Inhibitory Synapses. <i>Frontiers in Neural Circuits</i> , 2016, 10, 27.	1.4	115
1430	Chandelier Cells in Functional and Dysfunctional Neural Circuits. <i>Frontiers in Neural Circuits</i> , 2016, 10, 33.	1.4	25
1431	Spontaneous Neuronal Activity in Developing Neocortical Networks: From Single Cells to Large-Scale Interactions. <i>Frontiers in Neural Circuits</i> , 2016, 10, 40.	1.4	201
1432	Somatostatin and Somatostatin-Containing Neurons in Shaping Neuronal Activity and Plasticity. <i>Frontiers in Neural Circuits</i> , 2016, 10, 48.	1.4	93
1433	An Evolutionarily Conserved Mechanism for Activity-Dependent Visual Circuit Development. <i>Frontiers in Neural Circuits</i> , 2016, 10, 79.	1.4	45
1434	Releasing the Cortical Brake by Non-Invasive Electromagnetic Stimulation? rTMS Induces LTD of GABAergic Neurotransmission. <i>Frontiers in Neural Circuits</i> , 2016, 10, 96.	1.4	43
1435	Effective Suppression of Pathological Synchronization in Cortical Networks by Highly Heterogeneous Distribution of Inhibitory Connections. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 109.	1.2	4
1436	The Role of Sensorimotor Difficulties in Autism Spectrum Conditions. <i>Frontiers in Neurology</i> , 2016, 7, 124.	1.1	57
1437	Relative Power of Specific EEG Bands and Their Ratios during Neurofeedback Training in Children with Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 723.	1.0	52
1438	Decreased Modulation of EEG Oscillations in High-Functioning Autism during a Motor Control Task. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 198.	1.0	32
1439	Resting-State Time-Varying Analysis Reveals Aberrant Variations of Functional Connectivity in Autism. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 463.	1.0	60
1440	Doublecortin (DCX) is not Essential for Survival and Differentiation of Newborn Neurons in the Adult Mouse Dentate Gyrus. <i>Frontiers in Neuroscience</i> , 2015, 9, 494.	1.4	12
1441	From Autism to Eating Disorders and More: The Role of Oxytocin in Neuropsychiatric Disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 497.	1.4	77
1442	Reduced Oblique Effect in Children with Autism Spectrum Disorders (ASD). <i>Frontiers in Neuroscience</i> , 2016, 9, 512.	1.4	13
1443	The Contradictory Effects of Neuronal Hyperexcitation on Adult Hippocampal Neurogenesis. <i>Frontiers in Neuroscience</i> , 2016, 10, 74.	1.4	22
1444	Electrical Responses and Spontaneous Activity of Human iPS-Derived Neuronal Networks Characterized for 3-month Culture with 4096-Electrode Arrays. <i>Frontiers in Neuroscience</i> , 2016, 10, 121.	1.4	91
1445	Alzheimer's Disease and Hippocampal Adult Neurogenesis; Exploring Shared Mechanisms. <i>Frontiers in Neuroscience</i> , 2016, 10, 178.	1.4	153

#	ARTICLE	IF	CITATIONS
1446	Neuropathological Mechanisms of Seizures in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2016, 10, 192.	1.4	68
1447	From Linkage Studies to Epigenetics: What We Know and What We Need to Know in the Neurobiology of Schizophrenia. <i>Frontiers in Neuroscience</i> , 2016, 10, 202.	1.4	34
1448	Endocannabinoid Mediates Excitatory Synaptic Function of $\hat{1}^2$ -Neurexins. Commentary: $\hat{1}^2$ -Neurexins Control Neural Circuits by Regulating Synaptic Endocannabinoid Signaling. <i>Frontiers in Neuroscience</i> , 2016, 10, 203.	1.4	7
1449	Altered Onset Response Dynamics in Somatosensory Processing in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2016, 10, 255.	1.4	15
1450	Autism As a Disorder of High Intelligence. <i>Frontiers in Neuroscience</i> , 2016, 10, 300.	1.4	102
1451	Genetic Syndromes, Maternal Diseases and Antenatal Factors Associated with Autism Spectrum Disorders (ASD). <i>Frontiers in Neuroscience</i> , 2016, 10, 316.	1.4	85
1452	Learning and Memory Deficits in Male Adult Mice Treated with a Benzodiazepine Sleep-Inducing Drug during the Juvenile Period. <i>Frontiers in Neuroscience</i> , 2016, 10, 339.	1.4	9
1453	The Broad Autism (Endo)Phenotype: Neurostructural and Neurofunctional Correlates in Parents of Individuals with Autism Spectrum Disorders. <i>Frontiers in Neuroscience</i> , 2016, 10, 346.	1.4	74
1454	From Obesity Resistance to Obesity Prediction and Prevention?. <i>Frontiers in Neuroscience</i> , 2016, 10, 369.	1.4	0
1455	Differential Effects of Toluene and Ethanol on Dopaminergic Neurons of the Ventral Tegmental Area. <i>Frontiers in Neuroscience</i> , 2016, 10, 434.	1.4	21
1456	Characterization of the Statistical Signatures of Micro-Movements Underlying Natural Gait Patterns in Children with Phelan McDermid Syndrome: Towards Precision-Phenotyping of Behavior in ASD. <i>Frontiers in Integrative Neuroscience</i> , 2016, 10, 22.	1.0	27
1457	A Comprehensive Review of the 1H-MRS Metabolite Spectrum in Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 14.	1.4	88
1458	Repeated Blockade of NMDA Receptors During Adolescence Impairs Reversal Learning and Disrupts GABAergic Interneurons in Rat Medial Prefrontal Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 17.	1.4	22
1459	Transcriptomic Analysis of Purified Embryonic Neural Stem Cells from Zebrafish Embryos Reveals Signaling Pathways Involved in Glycine-Dependent Neurogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 22.	1.4	17
1460	The Intracellular Loop of the Glycine Receptor: It's not all about the Size. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 41.	1.4	25
1461	Defects of the Glycinergic Synapse in Zebrafish. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 50.	1.4	10
1462	A Recombinant Human Pluripotent Stem Cell Line Stably Expressing Halide-Sensitive YFP-I152L for GABAAR and GlyR-Targeted High-Throughput Drug Screening and Toxicity Testing. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 51.	1.4	16
1463	Function Over Form: Modeling Groups of Inherited Neurological Conditions in Zebrafish. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 55.	1.4	69

#	ARTICLE	IF	CITATIONS
1464	RNA Editingâ€™Systemic Relevance and Clue to Disease Mechanisms?. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 124.	1.4	33
1465	APP Causes Hyperexcitability in Fragile X Mice. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 147.	1.4	24
1466	Prenatal Valproate Exposure Differentially Affects Parvalbumin-Expressing Neurons and Related Circuits in the Cortex and Striatum of Mice. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 150.	1.4	71
1467	Colorectal Choriocarcinoma in a Patient with Probable Lynch Syndrome. <i>Frontiers in Oncology</i> , 2016, 6, 252.	1.3	5
1468	Epigenetic Mechanisms in Developmental Alcohol-Induced Neurobehavioral Deficits. <i>Brain Sciences</i> , 2016, 6, 12.	1.1	56
1469	Modeling Fragile X Syndrome Using Human Pluripotent Stem Cells. <i>Genes</i> , 2016, 7, 77.	1.0	18
1470	Downregulation of Enhancer of Zeste Homolog 2 (EZH2) is essential for the Induction of Autophagy and Apoptosis in Colorectal Cancer Cells. <i>Genes</i> , 2016, 7, 83.	1.0	50
1471	Epigenetic Modifications of Major Depressive Disorder. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1279.	1.8	81
1472	Association Analysis of Noncoding Variants in Neuroligins 3 and 4X Genes with Autism Spectrum Disorder in an Italian Cohort. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1765.	1.8	16
1473	Landmarks in the Evolution of (t)-RNAs from the Origin of Life up to Their Present Role in Human Cognition. <i>Life</i> , 2016, 6, 1.	1.1	7
1474	Glycine confers neuroprotection through microRNA-301a/PTEN signaling. <i>Molecular Brain</i> , 2016, 9, 59.	1.3	23
1475	Disruption of an Evolutionarily Novel Synaptic Expression Pattern in Autism. <i>PLoS Biology</i> , 2016, 14, e1002558.	2.6	73
1476	Stress-Induced Anxiety- and Depressive-Like Phenotype Associated with Transient Reduction in Neurogenesis in Adult Nestin-CreERT2/Diphtheria Toxin Fragment A Transgenic Mice. <i>PLoS ONE</i> , 2016, 11, e0147256.	1.1	46
1477	Whole Gene Capture Analysis of 15 CRC Susceptibility Genes in Suspected Lynch Syndrome Patients. <i>PLoS ONE</i> , 2016, 11, e0157381.	1.1	12
1478	C3G/Rapgef1 Is Required in Multipolar Neurons for the Transition to a Bipolar Morphology during Cortical Development. <i>PLoS ONE</i> , 2016, 11, e0154174.	1.1	21
1479	Inhibition in the Human Auditory Cortex. <i>PLoS ONE</i> , 2016, 11, e0155972.	1.1	23
1480	Developmental Decrease of Neuronal Chloride Concentration Is Independent of Trauma in Thalamocortical Brain Slices. <i>PLoS ONE</i> , 2016, 11, e0158012.	1.1	8
1481	Prolonged Treatment with Propofol Transiently Impairs Proliferation but Not Survival of Rat Neural Progenitor Cells In Vitro. <i>PLoS ONE</i> , 2016, 11, e0158058.	1.1	14

#	ARTICLE	IF	CITATIONS
1482	LATS2 Positively Regulates Polycomb Repressive Complex 2. <i>PLoS ONE</i> , 2016, 11, e0158562.	1.1	8
1483	Analysis of the Enantioselective Effects of PCB95 in Zebrafish ( <i>Danio rerio</i> ) Embryos through Targeted Metabolomics by UPLC-MS/MS. <i>PLoS ONE</i> , 2016, 11, e0160584.	1.1	15
1484	Overexpression of Glutamate Decarboxylase in Mesenchymal Stem Cells Enhances Their Immunosuppressive Properties and Increases GABA and Nitric Oxide Levels. <i>PLoS ONE</i> , 2016, 11, e0163735.	1.1	9
1485	Bumetanide, an Inhibitor of NKCC1 (Na-K-2Cl Cotransporter Isoform 1), Enhances Propofol-Induced Loss of Righting Reflex but Not Its Immobilizing Actions in Neonatal Rats. <i>PLoS ONE</i> , 2016, 11, e0164125.	1.1	7
1486	Possible Involvement of Standardized <i>Bacopa monniera</i> Extract (CDRI-08) in Epigenetic Regulation of reelin and Brain-Derived Neurotrophic Factor to Enhance Memory. <i>Frontiers in Pharmacology</i> , 2016, 7, 166.	1.6	17
1487	GlyT2-Dependent Preservation of MECP2-Expression in Inhibitory Neurons Improves Early Respiratory Symptoms but Does Not Rescue Survival in a Mouse Model of Rett Syndrome. <i>Frontiers in Physiology</i> , 2016, 7, 385.	1.3	13
1488	Pacemaking Property of RVLM Presympathetic Neurons. <i>Frontiers in Physiology</i> , 2016, 7, 424.	1.3	12
1489	Global Metabolic Profiling of Arabidopsis Polyamine Oxidase 4 (AtPAO4) Loss-of-Function Mutants Exhibiting Delayed Dark-Induced Senescence. <i>Frontiers in Plant Science</i> , 2016, 7, 173.	1.7	41
1490	DNA Methylation at the Neonatal State and at the Time of Diagnosis: Preliminary Support for an Association with the Estrogen Receptor 1, Gamma-Aminobutyric Acid B Receptor 1, and Myelin Oligodendrocyte Glycoprotein in Female Adolescent Patients with OCD. <i>Frontiers in Psychiatry</i> , 2016, 7, 35.	1.3	30
1491	Is there Progress? An Overview of Selecting Biomarker Candidates for Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2016, 7, 72.	1.3	53
1492	Interneurons: Role in Maintaining and Restoring Synaptic Plasticity. <i>Frontiers in Psychiatry</i> , 2016, 7, 86.	1.3	10
1493	Genetic Association Studies of Suicidal Behavior: A Review of the Past 10 Years, Progress, Limitations, and Future Directions. <i>Frontiers in Psychiatry</i> , 2016, 7, 158.	1.3	122
1494	Neuronal Nicotinic Receptors Are Crucial for Tuning of E/I Balance in Prelimbic Cortex and for Decision-Making Processes. <i>Frontiers in Psychiatry</i> , 2016, 7, 171.	1.3	16
1495	The Therapeutic Targets of miRNA in Hepatic Cancer Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	320
1496	REM sleep and its Loss-Associated Epigenetic Regulation with Reference to Noradrenaline in Particular. <i>Current Neuropharmacology</i> , 2016, 14, 28-40.	1.4	11
1497	EZH2 promotes cell migration and invasion but not alters cell proliferation by suppressing E-cadherin, partly through association with MALAT-1 in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 11194-11207.	0.8	76
1498	Type 2 diabetes: genetic data sharing to advance complex disease research. <i>Nature Reviews Genetics</i> , 2016, 17, 535-549.	7.7	128
1499	Diabetes Mellitus Impairs Cognitive Function in Middle-Aged Rats and Neurological Recovery in Middle-Aged Rats After Stroke. <i>Stroke</i> , 2016, 47, 2112-2118.	1.0	76

#	ARTICLE	IF	CITATIONS
1500	Choline Ameliorates Disease Phenotypes in Human iPSC Models of Rett Syndrome. <i>NeuroMolecular Medicine</i> , 2016, 18, 364-377.	1.8	26
1501	The expanding phenotypic spectra of kidney diseases: insights from genetic studies. <i>Nature Reviews Nephrology</i> , 2016, 12, 472-483.	4.1	61
1502	Age-dependent changes in amino acid phenotype and the role of glutamate release from hypothalamic proopiomelanocortin neurons. <i>Journal of Comparative Neurology</i> , 2016, 524, 1222-1235.	0.9	25
1503	Molecular Pathogenic Basis for <i>GABRG2</i> Mutations Associated With a Spectrum of Epilepsy Syndromes, From Generalized Absence Epilepsy to Dravet Syndrome. <i>JAMA Neurology</i> , 2016, 73, 1009.	4.5	103
1504	Epileptic encephalopathy de novo <i>GABRB</i> mutations impair $\gamma$ -aminobutyric acid type A receptor function. <i>Annals of Neurology</i> , 2016, 79, 806-825.	2.8	71
1505	Gene Variant Databases and Sharing: Creating a Global Genomic Variant Database for Personalized Medicine. <i>Human Mutation</i> , 2016, 37, 559-563.	1.1	24
1506	Histone and DNA Modifications as Regulators of Neuronal Development and Function. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a024208.	2.3	42
1507	Lack of Intrinsic GABAergic Connections in the Thalamic Reticular Nucleus of the Mouse. <i>Journal of Neuroscience</i> , 2016, 36, 7246-7252.	1.7	52
1508	Quantitative proteomic analysis of histone modifications in decitabine sensitive and resistant leukemia cell lines. <i>Clinical Proteomics</i> , 2016, 13, 14.	1.1	11
1509	miR-125b-1 is repressed by histone modifications in breast cancer cell lines. <i>SpringerPlus</i> , 2016, 5, 959.	1.2	17
1510	Prospective separation and transcriptome analyses of cortical projection neurons and interneurons based on lineage tracing by <i>Tbr2</i> (Eomes)- <i>GFP</i> / <i>Dcx</i> - <i>RFP</i> reporters. <i>Developmental Neurobiology</i> , 2016, 76, 587-599.	1.5	13
1511	Delays in GABAergic interneuron development and behavioral inhibition after prenatal stress. <i>Developmental Neurobiology</i> , 2016, 76, 1078-1091.	1.5	66
1512	The $\delta$ subunit containing GABAA receptors contribute to chronic pain. <i>Pain</i> , 2016, 157, 613-626.	2.0	46
1513	Sensitivity and engineered resistance of myeloid leukemia cells to BRD9 inhibition. <i>Nature Chemical Biology</i> , 2016, 12, 672-679.	3.9	136
1514	Developmental Alcohol Exposure Impairs Activity-Dependent <i>S</i> -Nitrosylation of NDEL1 for Neuronal Maturation. <i>Cerebral Cortex</i> , 2017, 27, 3918-3929.	1.6	9
1515	Loss of MeCP2 in the rat models regression, impaired sociability and transcriptional deficits of Rett syndrome. <i>Human Molecular Genetics</i> , 2016, 25, 3284-3302.	1.4	52
1516	Sustained expression of <i>FMR1</i> mRNA from reactivated fragile X syndrome alleles after treatment with small molecules that prevent trimethylation of H3K27. <i>Human Molecular Genetics</i> , 2016, 25, 3689-3698.	1.4	38
1517	Altered Striatal Synaptic Function and Abnormal Behaviour in <i>Shank3</i> Exon4 Deletion Mouse Model of Autism. <i>Autism Research</i> , 2016, 9, 350-375.	2.1	144

#	ARTICLE	IF	CITATIONS
1518	Transcriptional and epigenetic mechanisms of early cortical development: An examination of how Pax6 coordinates cortical development. <i>Journal of Comparative Neurology</i> , 2016, 524, 609-629.	0.9	62
1519	Patterns of growth and tract formation during the early development of secondary lineages in the <i>Drosophila</i> larval brain. <i>Developmental Neurobiology</i> , 2016, 76, 434-451.	1.5	14
1520	Postnatal development of the electrophysiological properties of somatostatin interneurons in the anterior cingulate cortex of mice. <i>Scientific Reports</i> , 2016, 6, 28137.	1.6	18
1521	Mice that lack the C-terminal region of Reelin exhibit behavioral abnormalities related to neuropsychiatric disorders. <i>Scientific Reports</i> , 2016, 6, 28636.	1.6	36
1522	Alteration of functional connectivity in autism spectrum disorder: effect of age and anatomical distance. <i>Scientific Reports</i> , 2016, 6, 26527.	1.6	60
1523	Polycomb repressive complex 2 facilitates the nuclear export of the influenza viral genome through the interaction with M1. <i>Scientific Reports</i> , 2016, 6, 33608.	1.6	6
1524	Epigenetic Modifications, Alcoholic Brain and Potential Drug Targets. <i>Annals of Neurosciences</i> , 2016, 23, 246-260.	0.9	18
1525	Dynamic balance of excitation and inhibition rapidly modulates spike probability and precision in feed-forward hippocampal circuits. <i>Journal of Neurophysiology</i> , 2016, 116, 2564-2575.	0.9	9
1526	CREB-mediated synaptogenesis and neurogenesis is crucial for the role of 5-HT1a receptors in modulating anxiety behaviors. <i>Scientific Reports</i> , 2016, 6, 29551.	1.6	37
1527	SHANK3 Deficiency Impairs Heat Hyperalgesia and TRPV1 Signaling in Primary Sensory Neurons. <i>Neuron</i> , 2016, 92, 1279-1293.	3.8	119
1528	OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2017, 45, D626-D634.	6.5	308
1529	Neuronal activity controls the development of interneurons in the somatosensory cortex. <i>Frontiers in Biology</i> , 2016, 11, 459-470.	0.7	12
1530	Decrease of SYNGAP1 in GABAergic cells impairs inhibitory synapse connectivity, synaptic inhibition and cognitive function. <i>Nature Communications</i> , 2016, 7, 13340.	5.8	70
1531	Preliminary indications of the effect of a brief yoga intervention on markers of inflammation and DNA methylation in chronically stressed women. <i>Translational Psychiatry</i> , 2016, 6, e965-e965.	2.4	55
1532	Imprinting of cerebral cytochrome P450s in offsprings prenatally exposed to cypermethrin augments toxicity on rechallenge. <i>Scientific Reports</i> , 2016, 6, 37426.	1.6	12
1533	Transient ectopic expression of the histone demethylase JMJD3 accelerates the differentiation of human pluripotent stem cells. <i>Development (Cambridge)</i> , 2016, 143, 3674-3685.	1.2	41
1534	Isoform switching and exon skipping induced by the DNA methylation inhibitor 5-Aza-2'-deoxycytidine. <i>Scientific Reports</i> , 2016, 6, 24545.	1.6	15
1535	Nuclear organization and 3D chromatin architecture in cognition and neuropsychiatric disorders. <i>Molecular Brain</i> , 2016, 9, 83.	1.3	38

#	ARTICLE	IF	CITATIONS
1536	Robust Type-specific Hemisynapses Induced by Artificial Dendrites. <i>Scientific Reports</i> , 2016, 6, 24210.	1.6	6
1537	EZH2 regulates neuroepithelium structure and neuroblast proliferation by repressing p21. <i>Open Biology</i> , 2016, 6, 150227.	1.5	30
1538	The influence of lithium on hippocampal volume in elderly bipolar patients: a study using voxel-based morphometry. <i>Translational Psychiatry</i> , 2016, 6, e846-e846.	2.4	15
1539	Investigating epigenetic consequences of early-life adversity: some methodological considerations. <i>HÅrge Utbildning</i> , 2016, 7, 31593.	1.4	17
1540	Mean serum-level of common organic pollutants is predictive of behavioral severity in children with autism spectrum disorders. <i>Scientific Reports</i> , 2016, 6, 26185.	1.6	13
1541	Properties of VIP+ synapses in the suprachiasmatic nucleus highlight their role in circadian rhythm. <i>Journal of Neurophysiology</i> , 2016, 115, 2701-2704.	0.9	4
1542	Utilization of amplicon-based targeted sequencing panel for the massively parallel sequencing of sporadic hearing impairment patients from Saudi Arabia. <i>BMC Medical Genetics</i> , 2016, 17, 67.	2.1	11
1543	Defects in brainstem neurons associated with breathing and motor function in the <i>Mecp2</i> <sup>R168X/Y</sup> mouse model of Rett syndrome. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C895-C909.	2.1	5
1544	VARPRISM: incorporating variant prioritization in tests of de novo mutation association. <i>Genome Medicine</i> , 2016, 8, 91.	3.6	7
1545	Biophysical constraints on lateral inhibition in the olfactory bulb. <i>Journal of Neurophysiology</i> , 2016, 115, 2937-2949.	0.9	24
1546	Inhibition of DNA Methyltransferases Blocks Mutant Huntingtin-Induced Neurotoxicity. <i>Scientific Reports</i> , 2016, 6, 31022.	1.6	28
1547	Identification of RELN variation p.Thr3192Ser in a Chinese family with schizophrenia. <i>Scientific Reports</i> , 2016, 6, 24327.	1.6	27
1548	Targeting EZH2-mediated methylation of H3K27 inhibits proliferation and migration of Synovial Sarcoma in vitro. <i>Scientific Reports</i> , 2016, 6, 25239.	1.6	41
1549	MicroRNA-101 Regulates Multiple Developmental Programs to Constrain Excitation in Adult Neural Networks. <i>Neuron</i> , 2016, 92, 1337-1351.	3.8	73
1550	Epigenetic Editing: On the Verge of Reprogramming Gene Expression at Will. <i>Current Genetic Medicine Reports</i> , 2016, 4, 170-179.	1.9	52
1551	The Maternal Effect Genes UTX and JMJD3 Play Contrasting Roles in <i>Mus musculus</i> Preimplantation Embryo Development. <i>Scientific Reports</i> , 2016, 6, 26711.	1.6	19
1552	MACF1 Controls Migration and Positioning of Cortical GABAergic Interneurons in Mice. <i>Cerebral Cortex</i> , 2017, 27, 5525-5538.	1.6	29
1553	A Retroviral CRISPR-Cas9 System for Cellular Autism-Associated Phenotype Discovery in Developing Neurons. <i>Scientific Reports</i> , 2016, 6, 25611.	1.6	36

#	ARTICLE	IF	CITATIONS
1554	Depolarizing GABA/glycine synaptic events switch from excitation to inhibition during frequency increases. <i>Scientific Reports</i> , 2016, 6, 21753.	1.6	16
1555	How does Reelin signaling regulate the neuronal cytoskeleton during migration?. <i>Neurogenesis (Austin, Tex )</i> , 2016, 3, e1242455.	1.5	31
1556	Acid-sensing ion channel 1a induces AMPA receptor plasticity: a link between acidotoxicity and excitotoxicity in hippocampal CA1 neurons. <i>Journal of Physiology</i> , 2016, 594, 803-805.	1.3	3
1557	Neuroprotective effects of <i>Paeonia Lactiflora</i> extract against cell death of dopaminergic SH-SY5Y cells is mediated by epigenetic modulation. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 208.	3.7	5
1558	Lymphoma: turning biology into cures. <i>Clinical Medicine</i> , 2016, 16, s125-s129.	0.8	5
1559	Alterations in the neuropeptide galanin system in major depressive disorder involve levels of transcripts, methylation, and peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8472-E8481.	3.3	43
1560	Brain-specific <i>Crmp2</i> deletion leads to neuronal development deficits and behavioural impairments in mice. <i>Nature Communications</i> , 2016, 7, .	5.8	84
1561	Demethylation of <i>c-MYB</i> binding site mediates upregulation of <i>Bdnf IV</i> in cocaine-conditioned place preference. <i>Scientific Reports</i> , 2016, 6, 22087.	1.6	13
1562	Mice with <i>Dab1</i> or <i>Vldlr</i> insufficiency exhibit abnormal neonatal vocalization patterns. <i>Scientific Reports</i> , 2016, 6, 25807.	1.6	9
1563	Premature changes in neuronal excitability account for hippocampal network impairment and autistic-like behavior in neonatal <i>BTBR T+tf/J</i> mice. <i>Scientific Reports</i> , 2016, 6, 31696.	1.6	26
1564	Novel agents in follicular lymphoma: choosing the best target. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 284-292.	0.9	3
1565	A biofidelic 3D culture model to study the development of brain cellular systems. <i>Scientific Reports</i> , 2016, 6, 24953.	1.6	9
1566	Efficient generation of region-specific forebrain neurons from human pluripotent stem cells under highly defined condition. <i>Scientific Reports</i> , 2016, 5, 18550.	1.6	42
1567	Supplementation of Korean Red Ginseng improves behavior deviations in animal models of autism. <i>Food and Nutrition Research</i> , 2016, 60, 29245.	1.2	19
1568	Beyond Epilepsy and Autism: Disruption of <i>GABRB3</i> Causes Ocular Hypopigmentation. <i>Cell Reports</i> , 2016, 17, 3115-3124.	2.9	14
1569	A novel GABA-mediated corticotropin-releasing hormone secretory mechanism in the median eminence. <i>Science Advances</i> , 2016, 2, e1501723.	4.7	50
1570	Glaucoma related Proteomic Alterations in Human Retina Samples. <i>Scientific Reports</i> , 2016, 6, 29759.	1.6	46
1571	Targeting histone methylation for cancer therapy: enzymes, inhibitors, biological activity and perspectives. <i>Journal of Hematology and Oncology</i> , 2016, 9, 49.	6.9	124

#	ARTICLE	IF	CITATIONS
1572	Early interventions in risk groups for schizophrenia: what are we waiting for?. NPJ Schizophrenia, 2016, 2, 16003.	2.0	111
1573	EZH2 orchestrates apicobasal polarity and neuroepithelial cell renewal. Neurogenesis (Austin, Tex ), 2016, 3, e1250034.	1.5	11
1574	The histone deacetylase inhibitor, sodium butyrate, exhibits neuroprotective effects for ischemic stroke in middle-aged female rats. Journal of Neuroinflammation, 2016, 13, 300.	3.1	104
1575	Exploring human disease using the Rat Genome Database. DMM Disease Models and Mechanisms, 2016, 9, 1089-1095.	1.2	27
1576	Insulin-Independent GABA <sub>A</sub> Receptor-Mediated Response in the Barrel Cortex of Mice with Impaired Met Activity. Journal of Neuroscience, 2016, 36, 3691-3697.	1.7	13
1577	Merging data from genetic and epigenetic approaches to better understand autistic spectrum disorder. Epigenomics, 2016, 8, 85-104.	1.0	38
1578	Neurovascular coupling and energy metabolism in the developing brain. Progress in Brain Research, 2016, 225, 213-242.	0.9	80
1579	Excitation-Transcription Coupling in Parvalbumin-Positive Interneurons Employs a Novel CaM Kinase-Dependent Pathway Distinct from Excitatory Neurons. Neuron, 2016, 90, 292-307.	3.8	81
1580	During postnatal development endogenous neurosteroids influence GABA-ergic neurotransmission of mouse cortical neurons. Neuropharmacology, 2016, 103, 163-173.	2.0	14
1581	Widespread White Matter Differences in Children and Adolescents with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2016, 46, 2138-2147.	1.7	35
1582	A Primer on the Bayesian Approach to High-Density Single-Molecule Trajectories Analysis. Biophysical Journal, 2016, 110, 1209-1215.	0.2	29
1583	Dopamine synapse is a neuroligin-2-mediated contact between dopaminergic presynaptic and GABAergic postsynaptic structures. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4206-4211.	3.3	99
1584	Polycomb PRC2 complex mediates epigenetic silencing of a critical osteogenic master regulator in the hippocampus. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1043-1055.	0.9	15
1585	DNA-sequence-specific erasers of epigenetic memory. Nature Genetics, 2016, 48, 591-592.	9.4	8
1586	The epigenetic regulation of embryonic myogenesis and adult muscle regeneration by histone methylation modification. Biochemistry and Biophysics Reports, 2016, 6, 209-219.	0.7	43
1587	Sex differences in Gadd45b expression and methylation in the developing rodent amygdala. Brain Research, 2016, 1642, 461-466.	1.1	10
1588	Precision Medicine: What Do We Expect in the Scope of Basic Biomedical Sciences?. Genomics, Proteomics and Bioinformatics, 2016, 14, 1-3.	3.0	3
1589	Cutting Edge: EZH2 Promotes Osteoclastogenesis by Epigenetic Silencing of the Negative Regulator IRF8. Journal of Immunology, 2016, 196, 4452-4456.	0.4	66

#	ARTICLE	IF	CITATIONS
1590	Neurogenesis in the Developing and Adult Brain—Similarities and Key Differences. Cold Spring Harbor Perspectives in Biology, 2016, 8, a018853.	2.3	120
1591	MeCP2 and the enigmatic organization of brain chromatin. Implications for depression and cocaine addiction. Clinical Epigenetics, 2016, 8, 58.	1.8	39
1592	Mechanobiology of Chromatin and the Nuclear Interior. Cellular and Molecular Bioengineering, 2016, 9, 268-276.	1.0	19
1593	Don't worry; be informed about the epigenetics of anxiety. Pharmacology Biochemistry and Behavior, 2016, 146-147, 60-72.	1.3	32
1594	DNA methylation: a mechanism linking environmental chemical exposures to risk of autism spectrum disorders?. Environmental Epigenetics, 2016, 2, dvv012.	0.9	96
1595	Evaluating cell reprogramming, differentiation and conversion technologies in neuroscience. Nature Reviews Neuroscience, 2016, 17, 424-437.	4.9	239
1596	<i>In Vitro</i> and <i>In Vivo</i> Enzyme Activity Screening via RNA-Based Fluorescent Biosensors for <i>S</i> -Adenosyl-L-homocysteine (SAH). Journal of the American Chemical Society, 2016, 138, 7040-7047.	6.6	82
1597	Epigenetic Determinants of Cancer. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019505.	2.3	834
1598	Progressive Changes in a Distributed Neural Circuit Underlie Breathing Abnormalities in Mice Lacking MeCP2. Journal of Neuroscience, 2016, 36, 5572-5586.	1.7	30
1599	Effect of Methamphetamine Exposure on Expression of Calcium Binding Proteins in Rat Frontal Cortex and Hippocampus. Neurotoxicity Research, 2016, 30, 427-433.	1.3	15
1600	Opening Pandora's Box — incidental genetic findings. Nature Reviews Cardiology, 2016, 13, 187-188.	6.1	0
1601	Quantitative genome-wide methylation analysis of high-grade non-muscle invasive bladder cancer. Epigenetics, 2016, 11, 237-246.	1.3	36
1602	Essential Roles for ARID1B in Dendritic Arborization and Spine Morphology of Developing Pyramidal Neurons. Journal of Neuroscience, 2016, 36, 2723-2742.	1.7	54
1603	Interneurons Differentially Contribute to Spontaneous Network Activity in the Developing Hippocampus Dependent on Their Embryonic Lineage. Journal of Neuroscience, 2016, 36, 2646-2662.	1.7	37
1604	GABAergic Neuron-Specific Loss of Ube3a Causes Angelman Syndrome-Like EEG Abnormalities and Enhances Seizure Susceptibility. Neuron, 2016, 90, 56-69.	3.8	127
1605	Epigenetic regulators and their impact on therapy in acute myeloid leukemia. Haematologica, 2016, 101, 269-278.	1.7	45
1606	Weaver Syndrome—Associated EZH2 Protein Variants Show Impaired Histone Methyltransferase Function In Vitro. Human Mutation, 2016, 37, 301-307.	1.1	68
1607	Advancing the understanding of autism disease mechanisms through genetics. Nature Medicine, 2016, 22, 345-361.	15.2	684

#	ARTICLE	IF	CITATIONS
1608	Enhancement of postsynaptic GABA <sub>A</sub> and extrasynaptic NMDA receptor-mediated responses in the barrel cortex of <i>Mecp2</i> -null mice. <i>Journal of Neurophysiology</i> , 2016, 115, 1298-1306.	0.9	22
1609	Nutrigenomic regulation of adipose tissue development – role of retinoic acid: A review. <i>Meat Science</i> , 2016, 120, 100-106.	2.7	66
1610	Exploiting the Epigenome to Control Cancer-Promoting Gene-Expression Programs. <i>Cancer Cell</i> , 2016, 29, 464-476.	7.7	122
1611	S6K1 Phosphorylation of H2B Mediates EZH2 Trimethylation of H3: A Determinant of Early Adipogenesis. <i>Molecular Cell</i> , 2016, 62, 443-452.	4.5	65
1612	Polycomb Ezh2 controls the fate of GABAergic neurons in the embryonic cerebellum. <i>Development (Cambridge)</i> , 2016, 143, 1971-80.	1.2	39
1613	Combined Inhibition of DNMT and HDAC Blocks the Tumorigenicity of Cancer Stem-like Cells and Attenuates Mammary Tumor Growth. <i>Cancer Research</i> , 2016, 76, 3224-3235.	0.4	122
1614	Systems Nutrigenomics Reveals Brain Gene Networks Linking Metabolic and Brain Disorders. <i>EBioMedicine</i> , 2016, 7, 157-166.	2.7	59
1615	The Neurobiological Basis for Social Affiliation in Autism Spectrum Disorder and Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 154-164.	0.6	1
1616	Engineering of Adult Neurogenesis and Gliogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018861.	2.3	13
1617	Neurotrophic Factors and Their Potential Applications in Tissue Regeneration. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2016, 64, 89-99.	1.0	65
1618	Comprehensive genomic profiling of orbital and ocular adnexal lymphomas identifies frequent alterations in MYD88 and chromatin modifiers: new routes to targeted therapies. <i>Modern Pathology</i> , 2016, 29, 685-697.	2.9	55
1619	Prenatal phencyclidine treatment induces behavioral deficits through impairment of GABAergic interneurons in the prefrontal cortex. <i>Psychopharmacology</i> , 2016, 233, 2373-2381.	1.5	25
1620	Loss of MeCP2 in cholinergic neurons causes part of RTT-like phenotypes via $\delta$ receptor in hippocampus. <i>Cell Research</i> , 2016, 26, 728-742.	5.7	51
1621	Role of EZH2 histone methyltransferase in melanoma progression and metastasis. <i>Cancer Biology and Therapy</i> , 2016, 17, 579-591.	1.5	51
1622	The Human MSI2 Gene is Associated with Schizophrenia in the Chinese Han Population. <i>Neuroscience Bulletin</i> , 2016, 32, 239-245.	1.5	8
1623	High-resolution chromosome ideogram representation of recognized genes for bipolar disorder. <i>Gene</i> , 2016, 586, 136-147.	1.0	22
1624	Substantial DNA methylation differences between two major neuronal subtypes in human brain. <i>Nucleic Acids Research</i> , 2016, 44, 2593-2612.	6.5	97
1625	EZH2 is overexpressed in adrenocortical carcinoma and is associated with disease progression. <i>Human Molecular Genetics</i> , 2016, 25, ddw136.	1.4	37

#	ARTICLE	IF	CITATIONS
1626	Relationship Between Cortical Gyrfication, White Matter Connectivity, and Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2016, 26, 3297-3309.	1.6	75
1627	Deletion of CTNNB1 in inhibitory circuitry contributes to autism-associated behavioral defects. <i>Human Molecular Genetics</i> , 2016, 25, ddw131.	1.4	59
1628	An oncogenic Ezh2 mutation induces tumors through global redistribution of histone 3 lysine 27 trimethylation. <i>Nature Medicine</i> , 2016, 22, 632-640.	15.2	176
1629	Functional Differentiation of Cholecystokinin-Containing Interneurons Destined for the Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, bhw094.	1.6	19
1630	Neuronal Circuitry Mechanisms Regulating Adult Mammalian Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018937.	2.3	95
1631	The landscape of DNA methylation amid a perfect storm of autism aetiologies. <i>Nature Reviews Neuroscience</i> , 2016, 17, 411-423.	4.9	139
1632	Single-molecule decoding of combinatorially modified nucleosomes. <i>Science</i> , 2016, 352, 717-721.	6.0	112
1633	Control of adult neurogenesis by programmed cell death in the mammalian brain. <i>Molecular Brain</i> , 2016, 9, 43.	1.3	96
1634	The roles of Polycomb group proteins in hematopoietic stem cells and hematological malignancies. <i>International Journal of Hematology</i> , 2016, 103, 634-642.	0.7	25
1635	Neurobiology of social behavior abnormalities in autism and Williams syndrome. <i>Nature Neuroscience</i> , 2016, 19, 647-655.	7.1	179
1636	Neurocognitive Adverse Effects of Anesthesia in Adults and Children: Gaps in Knowledge. <i>Drug Safety</i> , 2016, 39, 613-626.	1.4	12
1637	Translating Adult Electrophysiology Findings to Younger Patient Populations: Difficulty Measuring 40-Hz Auditory Steady-State Responses in Typically Developing Children and Children with Autism Spectrum Disorder. <i>Developmental Neuroscience</i> , 2016, 38, 1-14.	1.0	46
1638	Common pitfalls of stem cell differentiation: a guide to improving protocols for neurodegenerative disease models and research. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3693-3709.	2.4	57
1639	DNA cytosine hydroxymethylation levels are distinct among non-overlapping classes of peripheral blood leukocytes. <i>Journal of Immunological Methods</i> , 2016, 436, 1-15.	0.6	5
1640	Histone demethylases in physiology and cancer: a tale of two enzymes, JMJD3 and UTX. <i>Current Opinion in Genetics and Development</i> , 2016, 36, 59-67.	1.5	77
1641	High-throughput sequencing offers new insights into 5-hydroxymethylcytosine. <i>Biomolecular Concepts</i> , 2016, 7, 169-178.	1.0	9
1642	Liposome-entrapped GABA modulates the expression of nNOS in NG108-15 cells. <i>Journal of Neuroscience Methods</i> , 2016, 273, 55-63.	1.3	13
1643	Weak signal amplification and detection by higher-order sensory neurons. <i>Journal of Neurophysiology</i> , 2016, 115, 2158-2175.	0.9	17

#	ARTICLE	IF	CITATIONS
1644	G23D: Online tool for mapping and visualization of genomic variants on 3D protein structures. <i>BMC Genomics</i> , 2016, 17, 681.	1.2	18
1645	New insights in Rett syndrome using pathway analysis for transcriptomics data. <i>Wiener Medizinische Wochenschrift</i> , 2016, 166, 346-352.	0.5	9
1646	Targeting histone methyltransferases and demethylases in clinical trials for cancer therapy. <i>Clinical Epigenetics</i> , 2016, 8, 57.	1.8	333
1647	Large-scale functional network overlap is a general property of brain functional organization: Reconciling inconsistent fMRI findings from general-linear-model-based analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 83-100.	2.9	50
1648	CHD8 haploinsufficiency results in autistic-like phenotypes in mice. <i>Nature</i> , 2016, 537, 675-679.	13.7	268
1649	Neurophysiological hyperresponsivity to sensory input in autism spectrum disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 29.	1.5	32
1650	Anxiety and depression with neurogenesis defects in exchange protein directly activated by cAMP 2-deficient mice are ameliorated by a selective serotonin reuptake inhibitor, Prozac. <i>Translational Psychiatry</i> , 2016, 6, e881-e881.	2.4	36
1651	Molecular switch of EZH2 in hypoxia. <i>Cell Cycle</i> , 2016, 15, 3007-3008.	1.3	6
1652	Oxygen Levels Regulate the Development of Human Cortical Radial Glia Cells. <i>Cerebral Cortex</i> , 2017, 27, 3736-3751.	1.6	25
1653	Identification of an elaborate complex mediating postsynaptic inhibition. <i>Science</i> , 2016, 353, 1123-1129.	6.0	277
1654	Inherited platelet disorders: toward DNA-based diagnosis. <i>Blood</i> , 2016, 127, 2814-2823.	0.6	119
1655	Sex-specific hippocampal 5-hydroxymethylcytosine is disrupted in response to acute stress. <i>Neurobiology of Disease</i> , 2016, 96, 54-66.	2.1	24
1656	Transcriptional Regulation of Glutamate Transporters. <i>Advances in Pharmacology</i> , 2016, 76, 103-145.	1.2	52
1657	A Novel Mutation in a Critical Region for the Methyl Donor Binding in DNMT3B Causes Immunodeficiency, Centromeric Instability, and Facial Anomalies Syndrome (ICF). <i>Journal of Clinical Immunology</i> , 2016, 36, 801-809.	2.0	12
1658	MeCP2 and histone deacetylases 1 and 2 in dorsal striatum collectively suppress repetitive behaviors. <i>Nature Neuroscience</i> , 2016, 19, 1506-1512.	7.1	36
1659	Variant BDNF-Val66Met Polymorphism is Associated with Layer-Specific Alterations in GABAergic Innervation of Pyramidal Neurons, Elevated Anxiety and Reduced Vulnerability of Adolescent Male Mice to Activity-Based Anorexia. <i>Cerebral Cortex</i> , 2017, 27, 3980-3993.	1.6	19
1660	Comparative Methylome Analyses Identify Epigenetic Regulatory Loci of Human Brain Evolution. <i>Molecular Biology and Evolution</i> , 2016, 33, 2947-2959.	3.5	49
1661	Medullary Thyroid Carcinoma Associated with Germline <i>RET</i> <sup>K666N</sup> Mutation. <i>Thyroid</i> , 2016, 26, 1744-1751.	2.4	7

#	ARTICLE	IF	CITATIONS
1662	Exclusive expression of MeCP2 in the nervous system distinguishes between brain and peripheral Rett syndrome-like phenotypes. <i>Human Molecular Genetics</i> , 2016, 25, ddw269.	1.4	57
1663	Normal and epilepsy-associated pathologic function of the dentate gyrus. <i>Progress in Brain Research</i> , 2016, 226, 155-178.	0.9	58
1664	MeCP2 deficiency results in robust Rett-like behavioural and motor deficits in male and female rats. <i>Human Molecular Genetics</i> , 2016, 25, 3303-3320.	1.4	30
1665	Immunogenomics of Hypermutated Glioblastoma: A Patient with Germline <i>POLE</i> Deficiency Treated with Checkpoint Blockade Immunotherapy. <i>Cancer Discovery</i> , 2016, 6, 1230-1236.	7.7	242
1666	Activation of basolateral amygdala in juvenile C57BL/6J mice during social approach behavior. <i>Neuroscience</i> , 2016, 335, 184-194.	1.1	23
1667	Molecular and Neural Functions of Rai1 , the Causal Gene for Smith-Magenis Syndrome. <i>Neuron</i> , 2016, 92, 392-406.	3.8	51
1668	Chd8 mediates cortical neurogenesis via transcriptional regulation of cell cycle and Wnt signaling. <i>Nature Neuroscience</i> , 2016, 19, 1477-1488.	7.1	201
1669	Neurobiologically-based treatments in Rett syndrome: opportunities and challenges. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 1043-1055.	0.5	31
1670	Mutation analysis by direct and whole exome sequencing in familial and sporadic tooth agenesis. <i>International Journal of Molecular Medicine</i> , 2016, 38, 1338-1348.	1.8	22
1671	H3K27 Methylation. <i>Advances in Cancer Research</i> , 2016, 131, 59-95.	1.9	48
1672	Neonatal inflammatory pain and systemic inflammatory responses as possible environmental factors in the development of autism spectrum disorder of juvenile rats. <i>Journal of Neuroinflammation</i> , 2016, 13, 109.	3.1	37
1673	User-centered design of multi-gene sequencing panel reports for clinicians. <i>Journal of Biomedical Informatics</i> , 2016, 63, 1-10.	2.5	18
1674	Clonally Related GABAergic Interneurons Do Not Randomly Disperse but Frequently Form Local Clusters in the Forebrain. <i>Neuron</i> , 2016, 92, 31-44.	3.8	31
1675	Spatial genome organization and cognition. <i>Nature Reviews Neuroscience</i> , 2016, 17, 681-691.	4.9	69
1676	Epigenetic modulators as therapeutic targets in prostate cancer. <i>Clinical Epigenetics</i> , 2016, 8, 98.	1.8	68
1677	Reality of Inhibitory GABA in Neonatal Brain: Time to Rewrite the Textbooks?. <i>Journal of Neuroscience</i> , 2016, 36, 10242-10244.	1.7	13
1678	Neuronal Dystroglycan Is Necessary for Formation and Maintenance of Functional CCK-Positive Basket Cell Terminals on Pyramidal Cells. <i>Journal of Neuroscience</i> , 2016, 36, 10296-10313.	1.7	68
1679	Tyrosine hydroxylase-producing neurons in the human cerebral cortex do not colocalize with calcium-binding proteins or the serotonin 3A receptor. <i>Journal of Chemical Neuroanatomy</i> , 2016, 78, 1-9.	1.0	2

#	ARTICLE	IF	CITATIONS
1680	Epigenetics of hematopoiesis and hematological malignancies. <i>Genes and Development</i> , 2016, 30, 2021-2041.	2.7	125
1681	Effects of Ethanol on Cellular Composition and Network Excitability of Human Pluripotent Stem Cell-Derived Neurons. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 2339-2350.	1.4	18
1682	CellMapper: rapid and accurate inference of gene expression in difficult-to-isolate cell types. <i>Genome Biology</i> , 2016, 17, 201.	3.8	24
1683	Conflicting Interpretation of Genetic Variants and Cancer Risk by Commercial Laboratories as Assessed by the Prospective Registry of Multiplex Testing. <i>Journal of Clinical Oncology</i> , 2016, 34, 4071-4078.	0.8	147
1684	REVEL: An Ensemble Method for Predicting the Pathogenicity of Rare Missense Variants. <i>American Journal of Human Genetics</i> , 2016, 99, 877-885.	2.6	1,555
1685	Altered neurotransmitter metabolism in adolescents with high-functioning autism. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 44-49.	0.9	52
1686	Effect of Hydroxymethylcytosine on the Structure and Stability of Holliday Junctions. <i>Biochemistry</i> , 2016, 55, 5781-5789.	1.2	6
1687	Maintaining cell identity: PRC2-mediated regulation of transcription and cancer. <i>Nature Reviews Cancer</i> , 2016, 16, 803-810.	12.8	368
1688	Emerging concepts of epigenetic dysregulation in hematological malignancies. <i>Nature Immunology</i> , 2016, 17, 1016-1024.	7.0	77
1689	Dissecting bipolar disorder complexity through epigenomic approach. <i>Molecular Psychiatry</i> , 2016, 21, 1490-1498.	4.1	62
1690	Neuronal Deletion of Kmt2a/Mll1 Histone Methyltransferase in Ventral Striatum is Associated with Defective Spike-Timing-Dependent Striatal Synaptic Plasticity, Altered Response to Dopaminergic Drugs, and Increased Anxiety. <i>Neuropsychopharmacology</i> , 2016, 41, 3103-3113.	2.8	40
1691	Pore dilatation increases the bicarbonate permeability of CFTR, ANO1 and glycine receptor anion channels. <i>Journal of Physiology</i> , 2016, 594, 2929-2955.	1.3	30
1692	EZH2 and BCL6 Cooperate to Assemble CBX8-BCOR Complex to Repress Bivalent Promoters, Mediate Germinal Center Formation and Lymphomagenesis. <i>Cancer Cell</i> , 2016, 30, 197-213.	7.7	200
1693	K <sup>+</sup> /Cl <sup>-</sup> cotransporter KCC2 membrane trafficking and functionality is regulated by transforming growth factor beta 2. <i>Journal of Cell Science</i> , 2016, 129, 3485-98.	1.2	22
1694	Developmental changes in plasticity, synaptic, glia and connectivity protein levels in rat dorsal hippocampus. <i>Neurobiology of Learning and Memory</i> , 2016, 135, 125-138.	1.0	39
1695	General Anesthetics and Neurotoxicity. <i>Anesthesiology Clinics</i> , 2016, 34, 439-451.	0.6	72
1696	Compromised GABAergic inhibition contributes to tumor-associated epilepsy. <i>Epilepsy Research</i> , 2016, 126, 185-196.	0.8	31
1697	mGluR1 and mGluR5 Synergistically Control Cholinergic Synaptic Transmission in the Thalamic Reticular Nucleus. <i>Journal of Neuroscience</i> , 2016, 36, 7886-7896.	1.7	19

#	ARTICLE	IF	CITATIONS
1698	Structure-Activity Relationship Studies for Enhancer of Zeste Homologue 2 (EZH2) and Enhancer of Zeste Homologue 1 (EZH1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7617-7633.	2.9	46
1699	Behavioral phenotypes of genetic mouse models of autism. <i>Genes, Brain and Behavior</i> , 2016, 15, 7-26.	1.1	137
1700	One-carbon metabolism and epigenetics: understanding the specificity. <i>Annals of the New York Academy of Sciences</i> , 2016, 1363, 91-98.	1.8	289
1701	EZH2 as a mediator of treatment resistance in melanoma. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 500-507.	1.5	37
1702	Rescue of deficient amygdala tonic GABAergic currents in the <i>Fmr1</i> mouse model of fragile X syndrome by a novel GABAergic acid type A receptor positive allosteric modulator. <i>Journal of Neuroscience Research</i> , 2016, 94, 568-578.	1.3	9
1703	The basolateral amygdala GABAergic system in health and disease. <i>Journal of Neuroscience Research</i> , 2016, 94, 548-567.	1.3	139
1704	Epigenetic mechanisms involved in the effects of stress exposure: focus on 5-hydroxymethylcytosine: Table 1:. <i>Environmental Epigenetics</i> , 2016, 2, dvw016.	0.9	16
1705	mGluR5 Exerts Cell-Autonomous Influences on the Functional and Anatomical Development of Layer IV Cortical Neurons in the Mouse Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 8802-8814.	1.7	25
1706	Implementing genomics and pharmacogenomics in the clinic: The National Human Genome Research Institute's genomic medicine portfolio. <i>Atherosclerosis</i> , 2016, 253, 225-236.	0.4	23
1707	A meta-analysis of the effects of aging on motor cortex neurophysiology assessed by transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2016, 127, 2834-2845.	0.7	117
1708	Reduced Glutamate Release in Adult BTBR Mouse Model of Autism Spectrum Disorder. <i>Neurochemical Research</i> , 2016, 41, 3129-3137.	1.6	19
1709	DNA-PK-mediated phosphorylation of EZH2 regulates the DNA damage-induced apoptosis to maintain T-cell genomic integrity. <i>Cell Death and Disease</i> , 2016, 7, e2316-e2316.	2.7	15
1710	Homozygous inactivation of <i>CHEK2</i> is linked to a familial case of multiple primary lung cancer with accompanying cancers in other organs. <i>Journal of Physical Education and Sports Management</i> , 2016, 2, a001032.	0.5	16
1711	Generation of Febrile Seizures and Subsequent Epileptogenesis. <i>Neuroscience Bulletin</i> , 2016, 32, 481-492.	1.5	38
1712	Histone H3K27 Trimethylation Modulates 5-Fluorouracil Resistance by Inhibiting PU.1 Binding to the DPYD Promoter. <i>Cancer Research</i> , 2016, 76, 6362-6373.	0.4	19
1713	Tcf4 Regulates Synaptic Plasticity, DNA Methylation, and Memory Function. <i>Cell Reports</i> , 2016, 16, 2666-2685.	2.9	113
1714	The power of multiplexed functional analysis of genetic variants. <i>Nature Protocols</i> , 2016, 11, 1782-1787.	5.5	115
1715	Succinic semialdehyde dehydrogenase deficiency (SSADHD): Pathophysiological complexity and multifactorial trait associations in a rare monogenic disorder of GABA metabolism. <i>Neurochemistry International</i> , 2016, 99, 72-84.	1.9	60

#	ARTICLE	IF	CITATIONS
1716	Glycan susceptibility factors in autism spectrum disorders. <i>Molecular Aspects of Medicine</i> , 2016, 51, 104-114.	2.7	36
1717	Sirtuin 1 and 7 mediate resveratrol-induced recovery from hyper-anxiety in high-fructose-fed prediabetic rats. <i>Journal of Biosciences</i> , 2016, 41, 407-417.	0.5	28
1718	Sevoflurane represses the self-renewal ability by regulating miR-7a,7b/Klf4 signalling pathway in mouse embryonic stem cells. <i>Cell Proliferation</i> , 2016, 49, 609-617.	2.4	13
1719	Maternal immune activation: Implications for neuropsychiatric disorders. <i>Science</i> , 2016, 353, 772-777.	6.0	848
1720	Inverse changes in L1 retrotransposons between blood and brain in major depressive disorder. <i>Scientific Reports</i> , 2016, 6, 37530.	1.6	29
1721	Rett syndrome – biological pathways leading from MECP2 to disorder phenotypes. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 158.	1.2	63
1722	Serotonin neurons in the dorsal raphe nucleus encode reward signals. <i>Nature Communications</i> , 2016, 7, 10503.	5.8	299
1723	IMHOTEP – a composite score integrating popular tools for predicting the functional consequences of non-synonymous sequence variants. <i>Nucleic Acids Research</i> , 2017, 45, gkw886.	6.5	10
1724	<i>In Utero</i> Exposure to Valproic Acid Induces Neocortical Dysgenesis via Dysregulation of Neural Progenitor Cell Proliferation/Differentiation. <i>Journal of Neuroscience</i> , 2016, 36, 10908-10919.	1.7	37
1725	Glutamatergic axon-derived BDNF controls GABAergic synaptic differentiation in the cerebellum. <i>Scientific Reports</i> , 2016, 6, 20201.	1.6	30
1726	Promising Novel Agents for Aggressive B-Cell Lymphoma. <i>Hematology/Oncology Clinics of North America</i> , 2016, 30, 1229-1237.	0.9	9
1727	Polycomb repressive complex 2 regulates skeletal growth by suppressing Wnt and TGF- $\beta^2$ signalling. <i>Nature Communications</i> , 2016, 7, 12047.	5.8	47
1728	Hyperconnectivity of prefrontal cortex to amygdala projections in a mouse model of macrocephaly/autism syndrome. <i>Nature Communications</i> , 2016, 7, 13421.	5.8	86
1729	EZH2 mediates lidamycin-induced cellular senescence through regulating p21 expression in human colon cancer cells. <i>Cell Death and Disease</i> , 2016, 7, e2486-e2486.	2.7	22
1730	reChIP-seq reveals widespread bivalency of H3K4me3 and H3K27me3 in CD4+ memory T cells. <i>Nature Communications</i> , 2016, 7, 12514.	5.8	69
1731	On the road to epigenetic therapy. <i>Biomedical Journal</i> , 2016, 39, 161-165.	1.4	2
1732	Targeting the cancer epigenome for therapy. <i>Nature Reviews Genetics</i> , 2016, 17, 630-641.	7.7	888
1733	Reelin Regulates the Maturation of Dendritic Spines, Synaptogenesis and Glial Ensheathment of Newborn Granule Cells. <i>Cerebral Cortex</i> , 2016, 26, 4282-4298.	1.6	53

#	ARTICLE	IF	CITATIONS
1734	Selective RNA targeting and regulated signaling by RIG-I is controlled by coordination of RNA and ATP binding. <i>Nucleic Acids Research</i> , 2016, 45, gkw816.	6.5	15
1735	From Shortage to Surge: A Developmental Switch in Hippocampal Prefrontal Coupling in a Gene-Environment Model of Neuropsychiatric Disorders. <i>Cerebral Cortex</i> , 2016, 26, 4265-4281.	1.6	49
1736	Adenosine A2A receptor and ecto-5'-nucleotidase/CD73 are upregulated in hippocampal astrocytes of human patients with mesial temporal lobe epilepsy (MTLE). <i>Purinergic Signalling</i> , 2016, 12, 719-734.	1.1	47
1737	GABAergic Interneurons are Required for Generation of Slow CA1 Oscillation in Rat Hippocampus. <i>Neuroscience Bulletin</i> , 2016, 32, 363-373.	1.5	3
1738	Acute spinal cord injury (SCI) transforms how GABA affects nociceptive sensitization. <i>Experimental Neurology</i> , 2016, 285, 82-95.	2.0	36
1739	Analysis of large-scale whole exome sequencing data to determine the prevalence of genetically-distinct forms of neuronal ceroid lipofuscinosis. <i>Gene</i> , 2016, 593, 284-291.	1.0	31
1740	EZH2 is overexpressed in laryngeal squamous cell carcinoma and enhances the stem-like properties of AMC-HN-8 cells. <i>Oncology Letters</i> , 2016, 12, 837-846.	0.8	15
1741	Dysfunction of sensory oscillations in Autism Spectrum Disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 848-861.	2.9	94
1742	Role of the Polycomb Repressive Complex 2 (PRC2) in Transcriptional Regulation and Cancer. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026575.	2.9	151
1743	High-Resolution Magic Angle Spinning Nuclear Magnetic Resonance of Intact Zebrafish Embryos Detects Metabolic Changes Following Exposure to Teratogenic Polymethoxyalkenes from Algae. <i>Zebrafish</i> , 2016, 13, 456-465.	0.5	17
1744	Synaptopathies: synaptic dysfunction in neurological disorders – A review from students to students. <i>Journal of Neurochemistry</i> , 2016, 138, 785-805.	2.1	244
1745	The Troubled Touch of Autism. <i>Cell</i> , 2016, 166, 273-274.	13.5	6
1746	An Evolutionary Conserved Epigenetic Mark of Polycomb Response Elements Implemented by Trx/MLL/COMPASS. <i>Molecular Cell</i> , 2016, 63, 318-328.	4.5	60
1747	Regulation of dendritic development by semaphorin 3A through novel intracellular remote signaling. <i>Cell Adhesion and Migration</i> , 2016, 10, 627-640.	1.1	39
1748	$\gamma$ -5GABA receptor deficiency causes autism-like behaviors. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 392-398.	1.7	43
1749	Reactive Oxygen Species-mediated Loss of Phenotype of Parvalbumin Interneurons Contributes to Long-term Cognitive Impairments After Repeated Neonatal Ketamine Exposures. <i>Neurotoxicity Research</i> , 2016, 30, 593-605.	1.3	23
1750	Histone lysine methyltransferases as anti-cancer targets for drug discovery. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1273-1280.	2.8	28
1751	MeCP2 Binding Cooperativity Inhibits DNA Modification-Specific Recognition. <i>Biochemistry</i> , 2016, 55, 4275-4285.	1.2	15

#	ARTICLE	IF	CITATIONS
1752	A role for ion channels in perivascular glioma invasion. <i>European Biophysics Journal</i> , 2016, 45, 635-648.	1.2	41
1753	Identification of <i>RN-178</i> ((4-Methoxy-6-methyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-2-methyl-1-(1-(1-(2,2,2-trifluoroethyl)piperidin-4-yl)ethyl)ethanone (CPI-1205), a Potent and Selective Inhibitor of Histone Methyltransferase EZH2, Suitable for Phase I Clinical Trials for B-Cell Lymphomas. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9928-9941.	2.9	178
1754	Spontaneous activations follow a common developmental course across primary sensory areas in mouse neocortex. <i>Journal of Neurophysiology</i> , 2016, 116, 431-437.	0.9	13
1755	The presence of two rare genomic syndromes, 1q21 deletion and Xq28 duplication, segregating independently in a family with intellectual disability. <i>Molecular Cytogenetics</i> , 2016, 9, 74.	0.4	7
1756	Turning a Substrate Peptide into a Potent Inhibitor for the Histone Methyltransferase SETD8. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1102-1106.	1.3	9
1757	Synaptic scaling rule preserves excitatory-inhibitory balance and salient neuronal network dynamics. <i>Nature Neuroscience</i> , 2016, 19, 1690-1696.	7.1	133
1758	Receptor tyrosine kinase EphA7 is required for interneuron connectivity at specific subcellular compartments of granule cells. <i>Scientific Reports</i> , 2016, 6, 29710.	1.6	16
1759	3Disease Browser: A Web server for integrating 3D genome and disease-associated chromosome rearrangement data. <i>Scientific Reports</i> , 2016, 6, 34651.	1.6	32
1760	Enzymatic Activity of the Scaffold Protein Rapsyn for Synapse Formation. <i>Neuron</i> , 2016, 92, 1007-1019.	3.8	57
1761	Dual mechanisms regulating glutamate decarboxylases and accumulation of gamma-aminobutyric acid in tea ( <i>Camellia sinensis</i> ) leaves exposed to multiple stresses. <i>Scientific Reports</i> , 2016, 6, 23685.	1.6	70
1762	Neuropathology of mood disorders: do we see the stigmata of inflammation?. <i>Translational Psychiatry</i> , 2016, 6, e946-e946.	2.4	136
1763	The Allelic Landscape of Human Blood Cell Trait Variation and Links to Common Complex Disease. <i>Cell</i> , 2016, 167, 1415-1429.e19.	13.5	1,052
1764	The antiepileptic and ictogenic effects of optogenetic neurostimulation of PV-expressing interneurons. <i>Journal of Neurophysiology</i> , 2016, 116, 1694-1704.	0.9	51
1765	Loss of Reelin protects against atherosclerosis by reducing leukocyte-endothelial cell adhesion and lesion macrophage accumulation. <i>Science Signaling</i> , 2016, 9, ra29.	1.6	46
1766	Somatic cancer variant curation and harmonization through consensus minimum variant level data. <i>Genome Medicine</i> , 2016, 8, 117.	3.6	61
1767	The Role of DNA Methylation in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2016, 945, 151-172.	0.8	76
1768	Increased GABAB receptor signaling in a rat model for schizophrenia. <i>Scientific Reports</i> , 2016, 6, 34240.	1.6	14
1769	The transgenerational inheritance of autism-like phenotypes in mice exposed to valproic acid during pregnancy. <i>Scientific Reports</i> , 2016, 6, 36250.	1.6	95

#	ARTICLE	IF	CITATIONS
1770	Sustained synchronized neuronal network activity in a human astrocyte co-culture system. <i>Scientific Reports</i> , 2016, 6, 36529.	1.6	120
1771	Ankyrin-3 as a molecular marker of early-life stress and vulnerability to psychiatric disorders. <i>Translational Psychiatry</i> , 2016, 6, e943-e943.	2.4	34
1772	Investigation of the effects of GABA receptor agonists in the differentiation of human induced pluripotent stem cells into dopaminergic neurons. <i>Doklady Biological Sciences</i> , 2016, 470, 244-246.	0.2	1
1773	Casting a Wide Net: Role of Perineuronal Nets in Neural Plasticity. <i>Journal of Neuroscience</i> , 2016, 36, 11459-11468.	1.7	323
1774	Schizophrenia patient-derived olfactory neurosphere-derived cells do not respond to extracellular reelin. <i>NPJ Schizophrenia</i> , 2016, 2, 16027.	2.0	9
1775	The Role of Epigenetic Mechanisms in the Regulation of Gene Expression in the Nervous System. <i>Journal of Neuroscience</i> , 2016, 36, 11427-11434.	1.7	109
1776	Electrical coupling regulates layer 1 interneuron microcircuit formation in the neocortex. <i>Nature Communications</i> , 2016, 7, 12229.	5.8	24
1777	5-hydroxymethylcytosine loss is associated with poor prognosis for patients with WHO grade II diffuse astrocytomas. <i>Scientific Reports</i> , 2016, 6, 20882.	1.6	29
1778	From cytoskeletal dynamics to organ asymmetry: a nonlinear, regulative pathway underlies left-right patterning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150409.	1.8	27
1779	Haploinsufficiency of KMT2B, Encoding the Lysine-Specific Histone Methyltransferase 2B, Results in Early-Onset Generalized Dystonia. <i>American Journal of Human Genetics</i> , 2016, 99, 1377-1387.	2.6	135
1780	Low excitatory innervation balances high intrinsic excitability of immature dentate neurons. <i>Nature Communications</i> , 2016, 7, 11313.	5.8	83
1781	PD-L1 (B7-H1) and PD-1 pathway blockade for cancer therapy: Mechanisms, response biomarkers, and combinations. <i>Science Translational Medicine</i> , 2016, 8, 328rv4.	5.8	1,844
1782	Functional Differences of Very-Low-Density Lipoprotein Receptor Splice Variants in Regulating Wnt Signaling. <i>Molecular and Cellular Biology</i> , 2016, 36, 2645-2654.	1.1	14
1783	Synaptic integration of transplanted interneuron progenitor cells into native cortical networks. <i>Journal of Neurophysiology</i> , 2016, 116, 472-478.	0.9	27
1784	Neuronal networks provide rapid neuroprotection against spreading toxicity. <i>Scientific Reports</i> , 2016, 6, 33746.	1.6	40
1785	MicroRNA-939 restricts Hepatitis B virus by targeting Jmjd3-mediated and C/EBP $\beta$ -coordinated chromatin remodeling. <i>Scientific Reports</i> , 2016, 6, 35974.	1.6	19
1786	Lessons learned from studying syndromic autism spectrum disorders. <i>Nature Neuroscience</i> , 2016, 19, 1408-1417.	7.1	185
1787	New insight into LSD1 function in human cortical neurogenesis. <i>Neurogenesis (Austin, Tex)</i> , 2016, 3, e1249195.	1.5	8

#	ARTICLE	IF	CITATIONS
1788	Analysis of Arabidopsis Accessions Hypersensitive to a Loss of Chloroplast Translation $\hat{A}$ . <i>Plant Physiology</i> , 2016, 172, 1862-1875.	2.3	21
1789	Longitudinal assessment of neuronal 3D genomes in mouse prefrontal cortex. <i>Nature Communications</i> , 2016, 7, 12743.	5.8	16
1790	Disruption of ArhGAP15 results in hyperactive Rac1, affects the architecture and function of hippocampal inhibitory neurons and causes cognitive deficits. <i>Scientific Reports</i> , 2016, 6, 34877.	1.6	58
1791	Postsynaptic nicotinic acetylcholine receptors facilitate excitation of developing CA1 pyramidal neurons. <i>Journal of Neurophysiology</i> , 2016, 116, 2043-2055.	0.9	8
1792	PX-RICS-deficient mice mimic autism spectrum disorder in Jacobsen syndrome through impaired GABA <sub>A</sub> receptor trafficking. <i>Nature Communications</i> , 2016, 7, 10861.	5.8	43
1793	Polycomb repressive complex 2 structure with inhibitor reveals a mechanism of activation and drug resistance. <i>Nature Communications</i> , 2016, 7, 11384.	5.8	137
1794	Several posttranslational modifications act in concert to regulate gephyrin scaffolding and GABAergic transmission. <i>Nature Communications</i> , 2016, 7, 13365.	5.8	67
1795	Brief Report: Simulations Suggest Heterogeneous Category Learning and Generalization in Children with Autism is a Result of Idiosyncratic Perceptual Transformations. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 2806-2812.	1.7	8
1796	Postnatal onset of retinal degeneration by loss of embryonic Ezh2 repression of Six1. <i>Scientific Reports</i> , 2016, 6, 33887.	1.6	26
1797	Heightened stress response and cognitive impairment after repeated neonatal sevoflurane exposures might be linked to excessive GABA <sub>A</sub> R-mediated depolarization. <i>Journal of Anesthesia</i> , 2016, 30, 834-841.	0.7	19
1798	Distinct Defects in Synaptic Differentiation of Neocortical Neurons in Response to Prenatal Valproate Exposure. <i>Scientific Reports</i> , 2016, 6, 27400.	1.6	29
1799	Structural insights into conformational stability of both wild-type and mutant EZH2 receptor. <i>Scientific Reports</i> , 2016, 6, 34984.	1.6	202
1800	Methyl-CpG binding-protein 2 function in cholinergic neurons mediates cardiac arrhythmogenesis. <i>Human Molecular Genetics</i> , 2016, 25, dww326.	1.4	15
1801	Jointly reduced inhibition and excitation underlies circuit-wide changes in cortical processing in Rett syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7287-E7296.	3.3	148
1802	Development of Electrophysiological Properties of Nucleus Gigantocellularis Neurons Correlated with Increased CNS Arousal. <i>Developmental Neuroscience</i> , 2016, 38, 295-310.	1.0	23
1803	Molecular Mechanism of Adult Neurogenesis and its Association with Human Brain Diseases. <i>Journal of Central Nervous System Disease</i> , 2016, 8, JCNDS.S32204.	0.7	35
1804	Multi-compartmental biomaterial scaffolds for patterning neural tissue organoids in models of neurodevelopment and tissue regeneration. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141667192.	2.3	8
1805	Sensory hypo-excitability in a rat model of fetal development in Fragile X Syndrome. <i>Scientific Reports</i> , 2016, 6, 30769.	1.6	33

#	ARTICLE	IF	CITATIONS
1806	Multivariate synaptic and behavioral profiling reveals new developmental endophenotypes in the prefrontal cortex. <i>Scientific Reports</i> , 2016, 6, 35504.	1.6	17
1807	Hyperpolarization-independent maturation and refinement of GABA/glycinergic connections in the auditory brain stem. <i>Journal of Neurophysiology</i> , 2016, 115, 1170-1182.	0.9	9
1808	Characterization of Rett Syndrome-like phenotypes in <i>Mecp2</i> -knockout rats. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 23.	1.5	45
1809	High EZH2 expression is correlated to metastatic disease in pediatric soft tissue sarcomas. <i>Cancer Cell International</i> , 2016, 16, 59.	1.8	16
1810	Early-life stress leads to impaired spatial learning and memory in middle-aged ApoE4-TR mice. <i>Molecular Neurodegeneration</i> , 2016, 11, 51.	4.4	23
1811	Altered gut microbiota in Rett syndrome. <i>Microbiome</i> , 2016, 4, 41.	4.9	120
1812	Adrenal cortex expression quantitative trait loci in a German Holstein $\times$ Charolais cross. <i>BMC Genetics</i> , 2016, 17, 135.	2.7	5
1813	Expressions of ion co-transporter genes in salicylate-induced tinnitus and treatment effects of spirulina. <i>BMC Neurology</i> , 2016, 16, 159.	0.8	5
1814	Marginal zone lymphoma-derived interfollicular diffuse large B-cell lymphoma harboring 20q12 chromosomal deletion and missense mutation of BIRC3 gene: a case report. <i>Diagnostic Pathology</i> , 2016, 11, 137.	0.9	7
1815	Effects of early-life exposure to THIP on phenotype development in a mouse model of Rett syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 37.	1.5	12
1816	Inhibition of histone methyltransferase EZH2 ameliorates early acute renal allograft rejection in rats. <i>BMC Immunology</i> , 2016, 17, 41.	0.9	8
1817	Integrative approach for inference of gene regulatory networks using lasso-based random featuring and application to psychiatric disorders. <i>BMC Medical Genomics</i> , 2016, 9, 50.	0.7	5
1818	Sex-related factors influence expression of mood-related genes in the basolateral amygdala differentially depending on age and stress exposure. <i>Biology of Sex Differences</i> , 2016, 7, 50.	1.8	23
1819	Discrepancies between human DNA, mRNA and protein reference sequences and their relation to single nucleotide variants in the human population. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw124.	1.4	4
1820	Regulating the Efficacy of Inhibition Through Trafficking of $\hat{I}^3$ -Aminobutyric Acid Type A Receptors. <i>Anesthesia and Analgesia</i> , 2016, 123, 1220-1227.	1.1	5
1821	Video Imaging and Spatiotemporal Maps to Analyze Gastrointestinal Motility in Mice. <i>Journal of Visualized Experiments</i> , 2016, , 53828.	0.2	35
1822	Distinct intracellular signaling mediates $\langle \text{scp} \rangle \text{C} \langle / \text{scp} \rangle$ $\hat{\epsilon} \langle \text{scp} \rangle \text{MET} \langle / \text{scp} \rangle$ regulation of dendritic growth and synaptogenesis. <i>Developmental Neurobiology</i> , 2016, 76, 1160-1181.	1.5	28
1823	Neuronal central nervous system syndromes probably mediated by autoantibodies. <i>European Journal of Neuroscience</i> , 2016, 43, 1535-1552.	1.2	21

#	ARTICLE	IF	CITATIONS
1824	Regulation of neuronal chloride homeostasis by neuromodulators. <i>Journal of Physiology</i> , 2016, 594, 2593-2605.	1.3	52
1825	Leadership, Literacy, and Translational Expertise in Genomics: Challenges and Opportunities for Social Work. <i>Health and Social Work</i> , 2016, 41, e52-e59.	0.5	13
1826	ALS and FTD: an epigenetic perspective. <i>Acta Neuropathologica</i> , 2016, 132, 487-502.	3.9	60
1827	Schizophrenia and reelin: a model based on prenatal stress to study epigenetics, brain development and behavior. <i>Biological Research</i> , 2016, 49, 16.	1.5	35
1828	KCC2 knockdown impairs glycinergic synapse maturation in cultured spinal cord neurons. <i>Histochemistry and Cell Biology</i> , 2016, 145, 637-646.	0.8	16
1829	Exploiting aberrant mRNA expression in autism for gene discovery and diagnosis. <i>Human Genetics</i> , 2016, 135, 797-811.	1.8	30
1830	Very mild features of dysequilibrium syndrome associated with a novel VLDLR missense mutation. <i>Neurogenetics</i> , 2016, 17, 191-195.	0.7	9
1831	Brief Report: Sensory Reactivity in Children with Phelanâ€“McDermid Syndrome. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 2508-2513.	1.7	26
1832	BDNF in Lower Brain Parts Modifies Auditory Fiber Activity to Gain Fidelity but Increases the Risk for Generation of Central Noise After Injury. <i>Molecular Neurobiology</i> , 2016, 53, 5607-5627.	1.9	30
1833	A Small Molecule Activator of p300/CBP Histone Acetyltransferase Promotes Survival and Neurite Growth in a Cellular Model of Parkinsonâ€™s Disease. <i>Neurotoxicity Research</i> , 2016, 30, 510-520.	1.3	30
1834	StructMAN: annotation of single-nucleotide polymorphisms in the structural context. <i>Nucleic Acids Research</i> , 2016, 44, W463-W468.	6.5	32
1835	Making Sense of Epigenetics. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw058.	1.0	60
1836	Differential molecular and behavioural alterations in mouse models of <i>GABRG2</i> haploinsufficiency versus dominant negative mutations associated with human epilepsy. <i>Human Molecular Genetics</i> , 2016, 25, 3192-3207.	1.4	41
1837	Dynamic regulation of RNA editing in human brain development and disease. <i>Nature Neuroscience</i> , 2016, 19, 1093-1099.	7.1	165
1838	The role of DNA methylation in the pathophysiology and treatment of bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 474-488.	2.9	55
1839	Epigenetic mechanisms in neurogenesis. <i>Nature Reviews Neuroscience</i> , 2016, 17, 537-549.	4.9	299
1840	Ndel1 and Reelin Maintain Postnatal CA1 Hippocampus Integrity. <i>Journal of Neuroscience</i> , 2016, 36, 6538-6552.	1.7	18
1841	Dysregulation of the dopamine system in the pathophysiology of schizophrenia and depression. <i>Nature Reviews Neuroscience</i> , 2016, 17, 524-532.	4.9	753

#	ARTICLE	IF	CITATIONS
1842	Somatic Copy Number Amplification and Hyperactivating Somatic Mutations of EZH2 Correlate With DNA Methylation and Drive Epigenetic Silencing of Genes Involved in Tumor Suppression and Immune Responses in Melanoma. <i>Neoplasia</i> , 2016, 18, 121-132.	2.3	43
1843	Differential sensory fMRI signatures in autism and schizophrenia: Analysis of amplitude and trial-to-trial variability. <i>Schizophrenia Research</i> , 2016, 175, 12-19.	1.1	27
1844	Trimethyltin Modulates Reelin Expression and Endogenous Neurogenesis in the Hippocampus of Developing Rats. <i>Neurochemical Research</i> , 2016, 41, 1559-1569.	1.6	13
1845	Modeling psychiatric disorders: from genomic findings to cellular phenotypes. <i>Molecular Psychiatry</i> , 2016, 21, 1167-1179.	4.1	92
1846	An Optogenetic Approach for Investigation of Excitatory and Inhibitory Network GABA Actions in Mice Expressing Channelrhodopsin-2 in GABAergic Neurons. <i>Journal of Neuroscience</i> , 2016, 36, 5961-5973.	1.7	105
1847	Markedly Lower Glutamic Acid Decarboxylase 67 Protein Levels in a Subset of Boutons in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 79, 1006-1015.	0.7	45
1848	Maturation of auditory neural processes in autism spectrum disorder – A longitudinal MEG study. <i>NeuroImage: Clinical</i> , 2016, 11, 566-577.	1.4	62
1849	An NMDA Receptor-Dependent Mechanism Underlies Inhibitory Synapse Development. <i>Cell Reports</i> , 2016, 14, 471-478.	2.9	55
1850	Ezh2 Controls an Early Hematopoietic Program and Growth and Survival Signaling in Early T Cell Precursor Acute Lymphoblastic Leukemia. <i>Cell Reports</i> , 2016, 14, 1953-1965.	2.9	65
1851	Dynamic changes of depolarizing GABA in a computational model of epileptogenic brain: Insight for Dravet syndrome. <i>Experimental Neurology</i> , 2016, 283, 57-72.	2.0	28
1852	Disruption of Akt signaling decreases dopamine sensitivity in modulation of inhibitory synaptic transmission in rat prefrontal cortex. <i>Neuropharmacology</i> , 2016, 108, 403-414.	2.0	9
1853	Maternal immune activation alters glutamic acid decarboxylase-67 expression in the brains of adult rat offspring. <i>Schizophrenia Research</i> , 2016, 171, 195-199.	1.1	22
1854	Amygdala volume is reduced in early course schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 250, 50-60.	0.9	33
1855	Differential methylation at the RELN gene promoter in temporal cortex from autistic and typically developing post-puberal subjects. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 18.	1.5	35
1856	Distinct genomic and epigenomic features demarcate hypomethylated blocks in colon cancer. <i>BMC Cancer</i> , 2016, 16, 88.	1.1	1
1857	Neuronal mechanisms and circuits underlying repetitive behaviors in mouse models of autism spectrum disorder. <i>Behavioral and Brain Functions</i> , 2016, 12, 3.	1.4	102
1858	The role of cullin 5-containing ubiquitin ligases. <i>Cell Division</i> , 2016, 11, 1.	1.1	76
1859	Dynamic interplay between locus-specific DNA methylation and hydroxymethylation regulates distinct biological pathways in prostate carcinogenesis. <i>Clinical Epigenetics</i> , 2016, 8, 32.	1.8	20

#	ARTICLE	IF	CITATIONS
1860	Global histone modification profiling reveals the epigenomic dynamics during malignant transformation in a four-stage breast cancer model. <i>Clinical Epigenetics</i> , 2016, 8, 34.	1.8	61
1861	The detective, prognostic, and predictive value of DNA methylation in human esophageal squamous cell carcinoma. <i>Clinical Epigenetics</i> , 2016, 8, 43.	1.8	74
1862	A novel mutation in CELSR1 is associated with hereditary lymphedema. <i>Vascular Cell</i> , 2016, 8, 1.	0.2	38
1863	Brinp1 <sup>+/+</sup> mice exhibit autism-like behaviour, altered memory, hyperactivity and increased parvalbumin-positive cortical interneuron density. <i>Molecular Autism</i> , 2016, 7, 22.	2.6	31
1864	ZD7288, a blocker of the HCN channel family, increases doubling time of mouse embryonic stem cells and modulates differentiation outcomes in a context-dependent manner. <i>SpringerPlus</i> , 2016, 5, 41.	1.2	7
1865	The PI3K signaling pathway as a pharmacological target in Autism related disorders and Schizophrenia. <i>Molecular and Cellular Therapies</i> , 2016, 4, 2.	0.2	51
1866	A high-fat diet decreases GABA concentration in the frontal cortex and hippocampus of rats. <i>Biological Research</i> , 2016, 49, 15.	1.5	64
1867	Defining the Clinical Value of a Genomic Diagnosis in the Era of Next-Generation Sequencing. <i>Annual Review of Genomics and Human Genetics</i> , 2016, 17, 303-332.	2.5	43
1868	Large-Scale Production of Mature Neurons from Human Pluripotent Stem Cells in a Three-Dimensional Suspension Culture System. <i>Stem Cell Reports</i> , 2016, 6, 993-1008.	2.3	78
1869	Oncogenic Deregulation of EZH2 as an Opportunity for Targeted Therapy in Lung Cancer. <i>Cancer Discovery</i> , 2016, 6, 1006-1021.	7.7	108
1870	Rats with Malformations of Cortical Development Exhibit Decreased Length of AIS and Hypersensitivity to Pilocarpine-Induced Status Epilepticus. <i>Neurochemical Research</i> , 2016, 41, 2215-2222.	1.6	2
1871	ELAVL2-regulated transcriptional and splicing networks in human neurons link neurodevelopment and autism. <i>Human Molecular Genetics</i> , 2016, 25, ddw110.	1.4	63
1872	Involvement of cortical fast-spiking parvalbumin-positive basket cells in epilepsy. <i>Progress in Brain Research</i> , 2016, 226, 81-126.	0.9	74
1873	HIF1 $\alpha$ activation underlies a functional switch in the paradoxical role of Ezh2/PRC2 in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3735-44.	3.3	62
1874	Prenatal alcohol exposure alters synaptic activity of adult hippocampal dentate granule cells under conditions of enriched environment. <i>Hippocampus</i> , 2016, 26, 1078-1087.	0.9	16
1875	Promoter hypermethylation and downregulation of the FAS gene may be involved in colorectal carcinogenesis. <i>Oncology Letters</i> , 2016, 12, 285-290.	0.8	14
1876	BDNF Overexpression Exhibited Bilateral Effect on Neural Behavior in SCT Mice Associated with AKT Signal Pathway. <i>Neurochemical Research</i> , 2016, 41, 2585-2597.	1.6	16
1877	Bridging the Gap between DNA Methylation, DNA Methylation Readers, and Neurodevelopmental Disorders. <i>Journal of Neuroscience</i> , 2016, 36, 6851-6853.	1.7	1

#	ARTICLE	IF	CITATIONS
1878	An epigenetic view of developmental diseases: new targets, new therapies. <i>World Journal of Pediatrics</i> , 2016, 12, 291-297.	0.8	20
1879	Transcranial magnetic stimulation in autism spectrum disorder: Challenges, promise, and roadmap for future research. <i>Autism Research</i> , 2016, 9, 184-203.	2.1	71
1880	IQSEC2 and X-linked syndromal intellectual disability. <i>Psychiatric Genetics</i> , 2016, 26, 101-108.	0.6	15
1881	From case studies to community knowledge base: MSeqDR provides a platform for the curation and genomic analysis of mitochondrial diseases. <i>Journal of Physical Education and Sports Management</i> , 2016, 2, a001065.	0.5	10
1882	Mechanisms of Functional Hypoconnectivity in the Medial Prefrontal Cortex of <i>Mecp2</i> Null Mice. <i>Cerebral Cortex</i> , 2016, 26, 1938-1956.	1.6	47
1883	MeCP2 Modulates Sex Differences in the Postsynaptic Development of the Valproate Animal Model of Autism. <i>Molecular Neurobiology</i> , 2016, 53, 40-56.	1.9	49
1884	Prenatal Exposure to Autism-Specific Maternal Autoantibodies Alters Proliferation of Cortical Neural Precursor Cells, Enlarges Brain, and Increases Neuronal Size in Adult Animals. <i>Cerebral Cortex</i> , 2016, 26, 374-383.	1.6	51
1885	Context-dependent actions of Polycomb repressors in cancer. <i>Oncogene</i> , 2016, 35, 1341-1352.	2.6	79
1886	Unexpected cellular players in Rett syndrome pathology. <i>Neurobiology of Disease</i> , 2016, 92, 64-71.	2.1	26
1887	Medial frontal GABA is lower in older schizophrenia: a MEGA-PRESS with macromolecule suppression study. <i>Molecular Psychiatry</i> , 2016, 21, 198-204.	4.1	93
1888	The K <sup>+</sup> -Cl <sup>-</sup> Cotransporter KCC2 and Chloride Homeostasis: Potential Therapeutic Target in Acute Central Nervous System Injury. <i>Molecular Neurobiology</i> , 2016, 53, 2141-2151.	1.9	18
1889	Autoimmune synaptopathies. <i>Nature Reviews Neuroscience</i> , 2016, 17, 103-117.	4.9	81
1890	The effects of therapeutic hypothermia on cerebral metabolism in neonates with hypoxic-ischemic encephalopathy: An in vivo <sup>1</sup> H-MR spectroscopy study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1075-1086.	2.4	52
1891	Editing the epigenome: technologies for programmable transcription and epigenetic modulation. <i>Nature Methods</i> , 2016, 13, 127-137.	9.0	341
1892	A Role for Diminished GABA Transporter Activity in the Cortical Discharge Phenotype of MeCP2-Deficient Mice. <i>Neuropsychopharmacology</i> , 2016, 41, 1467-1476.	2.8	9
1893	VEGF-A acts via neuropilin-1 to enhance epidermal cancer stem cell survival and formation of aggressive and highly vascularized tumors. <i>Oncogene</i> , 2016, 35, 4379-4387.	2.6	61
1894	Taking a bite out of spinal cord injury: do dental stem cells have the teeth for it?. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1413-1437.	2.4	22
1895	Disease signatures for schizophrenia and bipolar disorder using patient-derived induced pluripotent stem cells. <i>Molecular and Cellular Neurosciences</i> , 2016, 73, 96-103.	1.0	31

#	ARTICLE	IF	CITATIONS
1896	An essential role for UTX in resolution and activation of bivalent promoters. <i>Nucleic Acids Research</i> , 2016, 44, 3659-3674.	6.5	63
1897	Sexual divergence in microtubule function: the novel intranasal microtubule targeting SKIP normalizes axonal transport and enhances memory. <i>Molecular Psychiatry</i> , 2016, 21, 1467-1476.	4.1	74
1898	GABAergic Synchronization in Epilepsy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a022764.	2.9	57
1899	Presynaptic GluN2D receptors detect glutamate spillover and regulate cerebellar GABA release. <i>Journal of Neurophysiology</i> , 2016, 115, 271-285.	0.9	26
1900	Overexpression of Telomerase Reverse Transcriptase Induces Autism-like Excitatory Phenotypes in Mice. <i>Molecular Neurobiology</i> , 2016, 53, 7312-7328.	1.9	16
1901	Disrupted Cortical State Regulation in a Rat Model of Fragile X Syndrome. <i>Cerebral Cortex</i> , 2017, 27, bhv331.	1.6	38
1902	Identification of DNA Methylation-Independent Epigenetic Events Underlying Clear Cell Renal Cell Carcinoma. <i>Cancer Research</i> , 2016, 76, 1954-1964.	0.4	28
1903	Epigenetic regulation of early neural fate commitment. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1399-1411.	2.4	13
1904	Fetal domoic acid exposure affects lateral amygdala neurons, diminishes social investigation and alters sensory-motor gating. <i>NeuroToxicology</i> , 2016, 53, 132-140.	1.4	24
1905	Epigenetic Therapeutics: A New Weapon in the War Against Cancer. <i>Annual Review of Medicine</i> , 2016, 67, 73-89.	5.0	285
1906	Neurogenesis in the Hippocampus of Patients with Temporal Lobe Epilepsy. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 20.	2.0	37
1907	Norepinephrine versus dopamine and their interaction in modulating synaptic function in the prefrontal cortex. <i>Brain Research</i> , 2016, 1641, 217-233.	1.1	131
1908	Atypical teratoid/rhabdoid tumors—current concepts, advances in biology, and potential future therapies. <i>Neuro-Oncology</i> , 2016, 18, 764-778.	0.6	185
1909	The autism-associated MET receptor tyrosine kinase engages early neuronal growth mechanism and controls glutamatergic circuits development in the forebrain. <i>Molecular Psychiatry</i> , 2016, 21, 925-935.	4.1	42
1910	Behavioral and molecular neuroepigenetic alterations in prenatally stressed mice: relevance for the study of chromatin remodeling properties of antipsychotic drugs. <i>Translational Psychiatry</i> , 2016, 6, e711-e711.	2.4	68
1911	Neural network modelling of the influence of channelopathies on reflex visual attention. <i>Cognitive Neurodynamics</i> , 2016, 10, 49-72.	2.3	7
1912	Mechanisms of divalent metal toxicity in affective disorders. <i>Toxicology</i> , 2016, 339, 58-72.	2.0	62
1913	The Yin and Yang of Chromatin Dynamics In Stem Cell Fate Selection. <i>Trends in Genetics</i> , 2016, 32, 89-100.	2.9	50

#	ARTICLE	IF	CITATIONS
1915	Mice with Shank3 Mutations Associated with ASD and Schizophrenia Display Both Shared and Distinct Defects. <i>Neuron</i> , 2016, 89, 147-162.	3.8	279
1916	A Multiplexed System for Quantitative Comparisons of Chromatin Landscapes. <i>Molecular Cell</i> , 2016, 61, 170-180.	4.5	111
1917	High-Frequency Stimulation at the Subthalamic Nucleus Suppresses Excessive Self-Grooming in Autism-Like Mouse Models. <i>Neuropsychopharmacology</i> , 2016, 41, 1813-1821.	2.8	34
1918	Postnatal Loss of Mef2c Results in Dissociation of Effects on Synapse Number and Learning and Memory. <i>Biological Psychiatry</i> , 2016, 80, 140-148.	0.7	44
1919	Evaluation of the neuroactive steroid ganaxolone on social and repetitive behaviors in the BTBR mouse model of autism. <i>Psychopharmacology</i> , 2016, 233, 309-323.	1.5	43
1920	Maturation and Functional Integration of New Granule Cells into the Adult Hippocampus. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018903.	2.3	134
1921	Unifying Views of Autism Spectrum Disorders: A Consideration of Autoregulatory Feedback Loops. <i>Neuron</i> , 2016, 89, 1131-1156.	3.8	159
1922	Epigenetic regulation by BAF (mSWI/SNF) chromatin remodeling complexes is indispensable for embryonic development. <i>Cell Cycle</i> , 2016, 15, 1317-1324.	1.3	30
1923	Calbindin Knockout Alters Sex-Specific Regulation of Behavior and Gene Expression in Amygdala and Prefrontal Cortex. <i>Endocrinology</i> , 2016, 157, 1967-1979.	1.4	19
1924	Decoding the non-coding genome: elucidating genetic risk outside the coding genome. <i>Genes, Brain and Behavior</i> , 2016, 15, 187-204.	1.1	32
1925	Toward dissecting the etiology of schizophrenia: HDAC1 and DAXX regulate GAD67 expression in an in vitro hippocampal GABA neuron model. <i>Translational Psychiatry</i> , 2016, 6, e723-e723.	2.4	18
1926	Adolescent social defeat alters N-methyl-d-aspartic acid receptor expression and impairs fear learning in adulthood. <i>Behavioural Brain Research</i> , 2016, 304, 51-59.	1.2	27
1927	Neuroigin 1 regulates spines and synaptic plasticity via LIMK1/cofilin-mediated actin reorganization. <i>Journal of Cell Biology</i> , 2016, 212, 449-463.	2.3	79
1928	Adult restoration of Shank3 expression rescues selective autistic-like phenotypes. <i>Nature</i> , 2016, 530, 481-484.	13.7	347
1929	Histone Modification of Nedd4 Ubiquitin Ligase Controls the Loss of AMPA Receptors and Cognitive Impairment Induced by Repeated Stress. <i>Journal of Neuroscience</i> , 2016, 36, 2119-2130.	1.7	46
1930	Targeted resequencing identifies PTCH1 as a major contributor to ocular developmental anomalies and extends the SOX2 regulatory network. <i>Genome Research</i> , 2016, 26, 474-485.	2.4	37
1931	Gestational stress induces depressive-like and anxiety-like phenotypes through epigenetic regulation of BDNF expression in offspring hippocampus. <i>Epigenetics</i> , 2016, 11, 150-162.	1.3	76
1932	BDNF-induced presynaptic facilitation of GABAergic transmission in the hippocampus of young adults is dependent of TrkB and adenosine A2A receptors. <i>Purinergic Signalling</i> , 2016, 12, 283-294.	1.1	29

#	ARTICLE	IF	CITATIONS
1933	A Critical Role of Brain-Derived Neurotrophic Factor in Alcohol Consumption. <i>Biological Psychiatry</i> , 2016, 79, 427-429.	0.7	26
1934	MeCP2 SUMOylation rescues Mecp2-mutant-induced behavioural deficits in a mouse model of Rett syndrome. <i>Nature Communications</i> , 2016, 7, 10552.	5.8	61
1935	Mechanisms and functions of GABA co-release. <i>Nature Reviews Neuroscience</i> , 2016, 17, 139-145.	4.9	189
1936	Epigenetic regulation of E-cadherin expression by the histone demethylase UTX in colon cancer cells. <i>Medical Oncology</i> , 2016, 33, 21.	1.2	32
1937	Rett Syndrome: Crossing the Threshold to Clinical Translation. <i>Trends in Neurosciences</i> , 2016, 39, 100-113.	4.2	135
1938	Hard to swallow: Developmental biological insights into pediatric dysphagia. <i>Developmental Biology</i> , 2016, 409, 329-342.	0.9	39
1939	Reduction of aberrant NF- $\kappa$ B signalling ameliorates Rett syndrome phenotypes in Mecp2-null mice. <i>Nature Communications</i> , 2016, 7, 10520.	5.8	58
1940	Pet-1 Switches Transcriptional Targets Postnatally to Regulate Maturation of Serotonin Neuron Excitability. <i>Journal of Neuroscience</i> , 2016, 36, 1758-1774.	1.7	56
1941	Early Somatostatin Interneuron Connectivity Mediates the Maturation of Deep Layer Cortical Circuits. <i>Neuron</i> , 2016, 89, 521-535.	3.8	154
1942	Reduction in parvalbumin expression not loss of the parvalbumin-expressing GABA interneuron subpopulation in genetic parvalbumin and shank mouse models of autism. <i>Molecular Brain</i> , 2016, 9, 10.	1.3	208
1943	Oral acetate supplementation attenuates N-methyl D-aspartate receptor hypofunction-induced behavioral phenotypes accompanied by restoration of acetyl-histone homeostasis. <i>Psychopharmacology</i> , 2016, 233, 1257-1268.	1.5	13
1944	Understanding the genetic liability to schizophrenia through the neuroepigenome. <i>Schizophrenia Research</i> , 2016, 177, 115-124.	1.1	22
1945	Epigenetics and Human Disease. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019497.	2.3	177
1946	Maternal immune activation leads to selective functional deficits in offspring parvalbumin interneurons. <i>Molecular Psychiatry</i> , 2016, 21, 956-968.	4.1	167
1947	Cortical Structure Alterations and Social Behavior Impairment in p50-Deficient Mice. <i>Cerebral Cortex</i> , 2016, 26, 2832-2849.	1.6	33
1948	Dysfunction of NMDA receptors in Alzheimer's disease. <i>Neurological Sciences</i> , 2016, 37, 1039-1047.	0.9	186
1949	Maternal restraint stress delays maturation of cation-chloride cotransporters and GABAA receptor subunits in the hippocampus of rat pups at puberty. <i>Neurobiology of Stress</i> , 2016, 3, 1-7.	1.9	15
1950	Kinase-KCC2 coupling: Cl <sup>-</sup> rheostasis, disease susceptibility, therapeutic target. <i>Journal of Neurophysiology</i> , 2016, 115, 8-18.	0.9	57

#	ARTICLE	IF	CITATIONS
1951	Aberrant expression of microRNAs as biomarker for schizophrenia: from acute state to partial remission, and from peripheral blood to cortical tissue. <i>Translational Psychiatry</i> , 2016, 6, e717-e717.	2.4	64
1952	Acute and crucial requirement for MeCP2 function upon transition from early to late adult stages of brain maturation. <i>Human Molecular Genetics</i> , 2016, 25, 1690-1702.	1.4	27
1953	Regulation of epithelial-mesenchymal transition through epigenetic and post-translational modifications. <i>Molecular Cancer</i> , 2016, 15, 18.	7.9	552
1954	Collagen-derived matricryptins promote inhibitory nerve terminal formation in the developing neocortex. <i>Journal of Cell Biology</i> , 2016, 212, 721-736.	2.3	40
1955	GABA and glycine in the developing brain. <i>Journal of Physiological Sciences</i> , 2016, 66, 375-379.	0.9	46
1956	Epigenetic synthetic lethality in ovarian clear cell carcinoma: EZH2 and <i>ARID1A</i> mutations. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1032476.	0.3	21
1957	Cortical Gene Expression After a Conditional Knockout of 67 kDa Glutamic Acid Decarboxylase in Parvalbumin Neurons. <i>Schizophrenia Bulletin</i> , 2016, 42, 992-1002.	2.3	19
1958	Drugging the methylome: DNA methylation and memory. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 185-194.	2.3	20
1959	The Number of Parvalbumin-Expressing Interneurons Is Decreased in the Medial Prefrontal Cortex in Autism. <i>Cerebral Cortex</i> , 2017, 27, bhw021.	1.6	259
1960	Excitatory synapses are stronger in the hippocampus of Rett syndrome mice due to altered synaptic trafficking of AMPA-type glutamate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1575-84.	3.3	63
1961	High-throughput small molecule screen identifies inhibitors of aberrant chromatin accessibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3018-3023.	3.3	26
1962	The effects of cocaine on HIV transcription. <i>Journal of NeuroVirology</i> , 2016, 22, 261-274.	1.0	23
1963	Pharmacotherapy for Neonatal Seizures: Current Knowledge and Future Perspectives. <i>Drugs</i> , 2016, 76, 647-661.	4.9	64
1964	mGlu <sub>5</sub> positive allosteric modulation normalizes synaptic plasticity defects and motor phenotypes in a mouse model of Rett syndrome. <i>Human Molecular Genetics</i> , 2016, 25, 1990-2004.	1.4	48
1965	The Disrupted Connectivity Hypothesis of Autism Spectrum Disorders: Time for the Next Phase in Research. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 245-252.	1.1	64
1966	Computational Modeling of Adult Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018960.	2.3	25
1967	Metabolic and transcriptional response of central metabolism affected by root endophytic fungus <i>Piriformospora indica</i> under salinity in barley. <i>Plant Molecular Biology</i> , 2016, 90, 699-717.	2.0	73
1968	Neuron class-specific requirements for Fragile X Mental Retardation Protein in critical period development of calcium signaling in learning and memory circuitry. <i>Neurobiology of Disease</i> , 2016, 89, 76-87.	2.1	44

#	ARTICLE	IF	CITATIONS
1969	Weaving a Net of Neurobiological Mechanisms in Schizophrenia and Unraveling the Underlying Pathophysiology. <i>Biological Psychiatry</i> , 2016, 80, 589-598.	0.7	33
1970	Increased bone morphogenetic protein signaling contributes to age-related declines in neurogenesis and cognition. <i>Neurobiology of Aging</i> , 2016, 38, 164-175.	1.5	42
1971	Distinct Contribution of Adult-Born Hippocampal Granule Cells to Context Encoding. <i>Neuron</i> , 2016, 90, 101-112.	3.8	319
1972	No difference in cross-modal attention or sensory discrimination thresholds in autism and matched controls. <i>Vision Research</i> , 2016, 121, 85-94.	0.7	13
1973	Epigenetic dysregulation in follicular lymphoma. <i>Epigenomics</i> , 2016, 8, 77-84.	1.0	20
1974	Electrophysiological, transcriptomic and morphologic profiling of single neurons using Patch-seq. <i>Nature Biotechnology</i> , 2016, 34, 199-203.	9.4	478
1975	Repetitive magnetic stimulation induces plasticity of inhibitory synapses. <i>Nature Communications</i> , 2016, 7, 10020.	5.8	151
1976	MDM2 Associates with Polycomb Repressor Complex 2 and Enhances Stemness-Promoting Chromatin Modifications Independent of p53. <i>Molecular Cell</i> , 2016, 61, 68-83.	4.5	82
1977	The Necessity of Chromatin: A View in Perspective. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019547.	2.3	21
1978	Enhancer of Zeste Homolog 2 Inhibition Attenuates Renal Fibrosis by Maintaining Smad7 and Phosphatase and Tensin Homolog Expression. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2092-2108.	3.0	148
1979	Early postnatal GABAA receptor modulation reverses deficits in neuronal maturation in a conditional neurodevelopmental mouse model of DISC1. <i>Molecular Psychiatry</i> , 2016, 21, 1449-1459.	4.1	32
1980	KCC2 rescues functional deficits in human neurons derived from patients with Rett syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 751-756.	3.3	206
1981	Familial hematological malignancies: ASXL1 gene investigation. <i>Clinical and Translational Oncology</i> , 2016, 18, 385-390.	1.2	11
1982	Targeting Calcium Signaling Induces Epigenetic Reactivation of Tumor Suppressor Genes in Cancer. <i>Cancer Research</i> , 2016, 76, 1494-1505.	0.4	88
1983	Moving Toward Integrative, Multidimensional Research in Modern Psychiatry: Lessons Learned From Fragile X Syndrome. <i>Biological Psychiatry</i> , 2016, 80, 100-111.	0.7	14
1984	Expression of microRNAs in human post-mortem amyotrophic lateral sclerosis spinal cords provides insight into disease mechanisms. <i>Molecular and Cellular Neurosciences</i> , 2016, 71, 34-45.	1.0	76
1985	3-(Piperidin-4-ylmethoxy)pyridine Containing Compounds Are Potent Inhibitors of Lysine Specific Demethylase 1. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 253-263.	2.9	76
1986	Cu,Zn“Superoxide Dismutase”Mediated Redox Regulation of Jumonji Domain Containing 3 Modulates Macrophage Polarization and Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 58-71.	1.4	45

#	ARTICLE	IF	CITATIONS
1987	Modeling psychiatric disorders with patient-derived iPSCs. <i>Current Opinion in Neurobiology</i> , 2016, 36, 118-127.	2.0	72
1988	Monogenic mouse models of autism spectrum disorders: Common mechanisms and missing links. <i>Neuroscience</i> , 2016, 321, 3-23.	1.1	63
1989	Next generation sequencing of Cytokeratin 20-negative Merkel cell carcinoma reveals ultraviolet-signature mutations and recurrent TP53 and RB1 inactivation. <i>Modern Pathology</i> , 2016, 29, 240-248.	2.9	81
1990	Glycinergic Neurotransmission: A Potent Regulator of Embryonic Motor Neuron Dendritic Morphology and Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2016, 36, 80-87.	1.7	33
1991	Metabolic Diseases Downregulate the Majority of Histone Modification Enzymes, Making a Few Upregulated Enzymes Novel Therapeutic Targets. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 49-66.	1.1	53
1992	The genetics and neurobiology of ESSENCE: The third Birgit Olsson lecture. <i>Nordic Journal of Psychiatry</i> , 2016, 70, 1-9.	0.7	16
1993	Optogenetics enlightens neuroscience drug discovery. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 97-109.	21.5	50
1994	Genetic predisposition and early life experience interact to determine glutamate transporter (GLT1) and solute carrier family 12 member 5 (KCC2) levels in rat hippocampus. <i>Metabolic Brain Disease</i> , 2016, 31, 169-182.	1.4	10
1995	Micro-electrode array recordings reveal reductions in both excitation and inhibition in cultured cortical neuron networks lacking Shank3. <i>Molecular Psychiatry</i> , 2016, 21, 159-168.	4.1	44
1996	Molecular therapy for acute myeloid leukaemia. <i>Nature Reviews Clinical Oncology</i> , 2016, 13, 305-318.	12.5	111
1997	Genome-wide alterations in hippocampal 5-hydroxymethylcytosine links plasticity genes to acute stress. <i>Neurobiology of Disease</i> , 2016, 86, 99-108.	2.1	48
1998	PRC2 Epigenetically Silences Th1-Type Chemokines to Suppress Effector T-Cell Trafficking in Colon Cancer. <i>Cancer Research</i> , 2016, 76, 275-282.	0.4	204
1999	<i>In vivo</i> epigenetic effects induced by engineered nanomaterials: A case study of copper oxide and laser printer-emitted engineered nanoparticles. <i>Nanotoxicology</i> , 2016, 10, 629-639.	1.6	83
2000	Bicyclic-Capped Histone Deacetylase 6 Inhibitors with Improved Activity in a Model of Axonal Charcot-Marie-Tooth Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 240-258.	1.7	60
2001	Altered microtubule dynamics and vesicular transport in mouse and human MeCP2-deficient astrocytes. <i>Human Molecular Genetics</i> , 2016, 25, 146-157.	1.4	53
2002	Kisspeptin Induces Dynamic Chromatin Modifications to Control GnRH Gene Expression. <i>Molecular Neurobiology</i> , 2016, 53, 3315-3325.	1.9	13
2003	Chronic Administration of the N-Methyl-D-Aspartate Receptor Antagonist Ketamine Improves Rett Syndrome Phenotype. <i>Biological Psychiatry</i> , 2016, 79, 755-764.	0.7	69
2004	Chronic Social Stress Affects Synaptic Maturation of Newly Generated Neurons in the Adult Mouse Dentate Gyrus. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv097.	1.0	23

#	ARTICLE	IF	CITATIONS
2005	Molecular substrates of schizophrenia: homeostatic signaling to connectivity. <i>Molecular Psychiatry</i> , 2016, 21, 10-28.	4.1	85
2006	Different Paths to Core Pathology: The Equifinal Model of the Schizophrenia Syndrome. <i>Schizophrenia Bulletin</i> , 2016, 42, 542-549.	2.3	32
2007	Electrophysiological properties of NG2 + cells: Matching physiological studies with gene expression profiles. <i>Brain Research</i> , 2016, 1638, 138-160.	1.1	82
2008	Early postnatal nicotine exposure disrupts the $\alpha 2^*$ nicotinic acetylcholine receptor-mediated control of oriens-lacunosum moleculare cells during adolescence in rats. <i>Neuropharmacology</i> , 2016, 101, 57-67.	2.0	15
2009	Animal models of gene-environment interaction in schizophrenia: A dimensional perspective. <i>Progress in Neurobiology</i> , 2016, 136, 1-27.	2.8	67
2010	Modulation of spontaneous intracellular $Ca^{2+}$ fluctuations and spontaneous cholinergic transmission in rat chromaffin cells in situ by endogenous GABA acting on GABAA receptors. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 351-365.	1.3	2
2011	The Role of Reelin Signaling in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016, 53, 5692-5700.	1.9	30
2012	Interaction Between the <i>FOXO1A-209</i> Genotype and Tea Drinking Is Significantly Associated with Reduced Mortality at Advanced Ages. <i>Rejuvenation Research</i> , 2016, 19, 195-203.	0.9	14
2013	Transgenic labeling of parvalbumin-expressing neurons with tdTomato. <i>Neuroscience</i> , 2016, 321, 236-245.	1.1	43
2014	Patterns of Atypical Functional Connectivity and Behavioral Links in Autism Differ Between Default, Salience, and Executive Networks. <i>Cerebral Cortex</i> , 2016, 26, 4034-4045.	1.6	154
2015	Neuronal migration disorders: Focus on the cytoskeleton and epilepsy. <i>Neurobiology of Disease</i> , 2016, 92, 18-45.	2.1	82
2016	Altered Dynamics of the fMRI Response to Faces in Individuals with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 232-241.	1.7	38
2017	Tonic GABAA Receptors as Potential Target for the Treatment of Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , 2016, 53, 5252-5265.	1.9	43
2018	The complexity of epigenetic diseases. <i>Journal of Pathology</i> , 2016, 238, 333-344.	2.1	24
2019	Omics-Based Biomarkers: Application of Metabolomics in Neuropsychiatric Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv096.	1.0	80
2020	Statins Reduce the Risks of Relapse to Addiction in Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 1588-1597.	2.8	20
2021	Pharmacological Modulation of GABA Function in Autism Spectrum Disorders: A Systematic Review of Human Studies. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 825-839.	1.7	54
2022	Epigenetic Basis of Mental Illness. <i>Neuroscientist</i> , 2016, 22, 447-463.	2.6	236

#	ARTICLE	IF	CITATIONS
2023	Contribution of GABRG2 Polymorphisms to Risk of Epilepsy and Febrile Seizure: a Multicenter Cohort Study and Meta-analysis. <i>Molecular Neurobiology</i> , 2016, 53, 5457-5467.	1.9	25
2024	Glucose-induced expression of the homeotic transcription factor Prep1 is associated with histone post-translational modifications in skeletal muscle. <i>Diabetologia</i> , 2016, 59, 176-186.	2.9	27
2025	TrkB blockade in the hippocampus after training or retrieval impairs memory: protection from consolidation impairment by histone deacetylase inhibition. <i>Journal of Neural Transmission</i> , 2016, 123, 159-165.	1.4	18
2026	Epigenetic Control of B Cell Development and B-Cell-Related Immune Disorders. <i>Clinical Reviews in Allergy and Immunology</i> , 2016, 50, 301-311.	2.9	41
2027	Cell-Specific Regulation of N-Methyl-D-Aspartate Receptor Maturation by Mecp2 in Cortical Circuits. <i>Biological Psychiatry</i> , 2016, 79, 746-754.	0.7	46
2028	Gephyrin Cleavage in In Vitro Brain Ischemia Decreases GABAA Receptor Clustering and Contributes to Neuronal Death. <i>Molecular Neurobiology</i> , 2016, 53, 3513-3527.	1.9	41
2029	Prioritizing the development of mouse models for childhood brain disorders. <i>Neuropharmacology</i> , 2016, 100, 2-16.	2.0	19
2030	Kdm6b and Pmepa1 as Targets of Bioelectrically and Behaviorally Induced Activin A Signaling. <i>Molecular Neurobiology</i> , 2016, 53, 4210-4225.	1.9	21
2031	Chromatin deregulation in disease. <i>Chromosoma</i> , 2016, 125, 75-93.	1.0	96
2032	Using human brain imaging studies as a guide toward animal models of schizophrenia. <i>Neuroscience</i> , 2016, 321, 77-98.	1.1	26
2033	Opportunities and challenges provided by crosstalk between signalling pathways in cancer. <i>Oncogene</i> , 2016, 35, 1073-1079.	2.6	39
2034	Development of secondary mutations in wild-type and mutant EZH2 alleles cooperates to confer resistance to EZH2 inhibitors. <i>Oncogene</i> , 2016, 35, 558-566.	2.6	121
2035	Mesencephalic origin of the rostral Substantia nigra pars reticulata. <i>Brain Structure and Function</i> , 2016, 221, 1403-1412.	1.2	6
2036	G9a-Mediated Regulation of OXT and AVP Expression in the Basolateral Amygdala Mediates Stress-Induced Lasting Behavioral Depression and Its Reversal by Exercise. <i>Molecular Neurobiology</i> , 2016, 53, 2843-2856.	1.9	47
2037	Pathogenic mechanism of an autism-associated neuroligin mutation involves altered AMPA-receptor trafficking. <i>Molecular Psychiatry</i> , 2016, 21, 169-177.	4.1	51
2038	Synaptic changes in the hippocampus of adolescent female rodents associated with resilience to anxiety and suppression of food restriction-evoked hyperactivity in an animal model for anorexia nervosa. <i>Brain Research</i> , 2017, 1654, 102-115.	1.1	49
2039	Practical Guidelines for High-Resolution Epigenomic Profiling of Nucleosomal Histones in Postmortem Human Brain Tissue. <i>Biological Psychiatry</i> , 2017, 81, 162-170.	0.7	48
2040	Adult neurogenesis and neurodegenerative diseases: A systems biology perspective. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 93-112.	1.1	130

#	ARTICLE	IF	CITATIONS
2041	Developmental changes in serotonin signaling: Implications for early brain function, behavior and adaptation. <i>Neuroscience</i> , 2017, 342, 212-231.	1.1	180
2042	Progression from selective to general involvement of hippocampal subfields in schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 142-152.	4.1	123
2043	Influence of maternal thyroid hormones during gestation on fetal brain development. <i>Neuroscience</i> , 2017, 342, 68-100.	1.1	298
2044	Sociability Deficits and Altered Amygdala Circuits in Mice Lacking <i>Pcdh10</i> , an Autism Associated Gene. <i>Biological Psychiatry</i> , 2017, 81, 193-202.	0.7	51
2045	Layer 3 Excitatory and Inhibitory Circuitry in the Prefrontal Cortex: Developmental Trajectories and Alterations in Schizophrenia. <i>Biological Psychiatry</i> , 2017, 81, 862-873.	0.7	78
2046	Hypofrontality and Posterior Hyperactivity in Early Schizophrenia: Imaging and Behavior in a Preclinical Model. <i>Biological Psychiatry</i> , 2017, 81, 503-513.	0.7	22
2047	Epigenetic mechanisms regulating the development of hepatocellular carcinoma and their promise for therapeutics. <i>Hepatology International</i> , 2017, 11, 45-53.	1.9	45
2048	CX3CR1 ablation ameliorates motor and respiratory dysfunctions and improves survival of a Rett syndrome mouse model. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 106-116.	2.0	29
2049	Analysis of Extracellular Nucleotide Metabolism in Adult Zebrafish After Embryological Exposure to Valproic Acid. <i>Molecular Neurobiology</i> , 2017, 54, 3542-3553.	1.9	12
2050	Creatine Enhances Transdifferentiation of Bone Marrow Stromal Cell-Derived Neural Stem Cell Into GABAergic Neuron-Like Cells Characterized With Differential Gene Expression. <i>Molecular Neurobiology</i> , 2017, 54, 1978-1991.	1.9	17
2051	Sensory processing in autism spectrum disorders and Fragile X syndrome—From the clinic to animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 235-253.	2.9	142
2052	MicroRNA-338 Attenuates Cortical Neuronal Outgrowth by Modulating the Expression of Axon Guidance Genes. <i>Molecular Neurobiology</i> , 2017, 54, 3439-3452.	1.9	21
2053	Chloride Co-transporter NKCC1 Inhibitor Bumetanide Enhances Neurogenesis and Behavioral Recovery in Rats After Experimental Stroke. <i>Molecular Neurobiology</i> , 2017, 54, 2406-2414.	1.9	31
2054	Distinct Synaptic Strengthening of the Striatal Direct and Indirect Pathways Drives Alcohol Consumption. <i>Biological Psychiatry</i> , 2017, 81, 918-929.	0.7	107
2055	Loss of $\alpha$ -CABA <sub>A</sub> receptor-mediated tonic currents in the adult prelimbic cortex following adolescent alcohol exposure. <i>Addiction Biology</i> , 2017, 22, 616-628.	1.4	40
2056	ClinGen Pathogenicity Calculator: a configurable system for assessing pathogenicity of genetic variants. <i>Genome Medicine</i> , 2017, 9, 3.	3.6	59
2057	Inflammation in epileptogenesis after traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2017, 14, 10.	3.1	194
2058	c-jun is differentially expressed in embryonic and adult neural precursor cells. <i>Histochemistry and Cell Biology</i> , 2017, 147, 721-731.	0.8	5

#	ARTICLE	IF	CITATIONS
2059	Early-Life Social Isolation-Induced Depressive-Like Behavior in Rats Results in Microglial Activation and Neuronal Histone Methylation that Are Mitigated by Minocycline. <i>Neurotoxicity Research</i> , 2017, 31, 505-520.	1.3	93
2060	A drive in SUVs: From development to disease. <i>Epigenetics</i> , 2017, 12, 177-186.	1.3	46
2061	Follicular lymphoma, a B cell malignancy addicted to epigenetic mutations. <i>Epigenetics</i> , 2017, 12, 370-377.	1.3	31
2062	Reconsolidation and extinction: Using epigenetic signatures to challenge conventional wisdom. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 55-65.	1.0	30
2063	Breathing abnormalities in animal models of Rett syndrome a female neurogenetic disorder. <i>Respiratory Physiology and Neurobiology</i> , 2017, 245, 45-52.	0.7	10
2064	ApoE, ApoE Receptors, and the Synapse in Alzheimer's Disease. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 273-284.	3.1	112
2065	Epigenetic modification in chromatin machinery and its deregulation in pediatric brain tumors: Insight into epigenetic therapies. <i>Epigenetics</i> , 2017, 12, 353-369.	1.3	36
2066	The singular nature of auditory and visual scene analysis in autism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160115.	1.8	19
2067	Prenatal airborne polycyclic aromatic hydrocarbon exposure, LINE1 methylation and child development in a Chinese cohort. <i>Environment International</i> , 2017, 99, 315-320.	4.8	61
2068	Glucose and Intermediary Metabolism and Astrocyte-Neuron Interactions Following Neonatal Hypoxia-Ischemia in Rat. <i>Neurochemical Research</i> , 2017, 42, 115-132.	1.6	37
2069	Modulation of excitation on parvalbumin interneurons by neuroligin-3 regulates the hippocampal network. <i>Nature Neuroscience</i> , 2017, 20, 219-229.	7.1	71
2070	TRIM28 interacts with EZH2 and SWI/SNF to activate genes that promote mammosphere formation. <i>Oncogene</i> , 2017, 36, 2991-3001.	2.6	48
2071	MalaCards: an amalgamated human disease compendium with diverse clinical and genetic annotation and structured search. <i>Nucleic Acids Research</i> , 2017, 45, D877-D887.	6.5	398
2072	An allosteric PRC2 inhibitor targeting the H3K27me3 binding pocket of EED. <i>Nature Chemical Biology</i> , 2017, 13, 381-388.	3.9	259
2073	The EED protein-protein interaction inhibitor A-395 inactivates the PRC2 complex. <i>Nature Chemical Biology</i> , 2017, 13, 389-395.	3.9	186
2074	Early-life stress links 5-hydroxymethylcytosine to anxiety-related behaviors. <i>Epigenetics</i> , 2017, 12, 264-276.	1.3	32
2075	Reelin Deficiency Delays Mammary Tumor Growth and Metastatic Progression. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2017, 22, 59-69.	1.0	7
2076	Abnormal Development of the Earliest Cortical Circuits in a Mouse Model of Autism Spectrum Disorder. <i>Cell Reports</i> , 2017, 18, 1100-1108.	2.9	59

#	ARTICLE	IF	CITATIONS
2077	Accumulated quiescent neural stem cells in adult hippocampus of the mouse model for the MECP2 duplication syndrome. <i>Scientific Reports</i> , 2017, 7, 41701.	1.6	19
2078	<i>L2hgdh</i> Deficiency Accumulates <i>scp</i> -2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	27
2079	The current state of clinical interpretation of sequence variants. <i>Current Opinion in Genetics and Development</i> , 2017, 42, 33-39.	1.5	77
2080	High-throughput screen detects calcium signaling dysfunction in typical sporadic autism spectrum disorder. <i>Scientific Reports</i> , 2017, 7, 40740.	1.6	33
2081	Epigenetics in cancer stem cells. <i>Molecular Cancer</i> , 2017, 16, 29.	7.9	296
2082	Epigenetics of oropharyngeal squamous cell carcinoma: opportunities for novel chemotherapeutic targets. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2017, 46, 9.	0.9	31
2083	Haploinsufficiency of EHMT1 improves pattern separation and increases hippocampal cell proliferation. <i>Scientific Reports</i> , 2017, 7, 40284.	1.6	25
2084	Genetic Variants Identified from Epilepsy of Unknown Etiology in Chinese Children by Targeted Exome Sequencing. <i>Scientific Reports</i> , 2017, 7, 40319.	1.6	45
2085	DISCOVERY OF FUNCTIONAL AND DISEASE PATHWAYS BY COMMUNITY DETECTION IN PROTEIN-PROTEIN INTERACTION NETWORKS. , 2017, 22, 336-347.		7
2086	Blunted 5-HT1A receptor-mediated responses and antidepressant-like behavior in mice lacking the GABAB1a but not GABAB1b subunit isoforms. <i>Psychopharmacology</i> , 2017, 234, 1511-1523.	1.5	9
2087	Mice lacking GRIP1/2 show increased social interactions and enhanced phosphorylation at GluA2-S880. <i>Behavioural Brain Research</i> , 2017, 321, 176-184.	1.2	12
2088	Epigenetic regulation and chromatin remodeling in learning and memory. <i>Experimental and Molecular Medicine</i> , 2017, 49, e281-e281.	3.2	141
2089	Identification of altered brain metabolites associated with <i>scp</i> activity in a mouse model of hypophosphatasia using untargeted <i>NMR</i> -based metabolomics analysis. <i>Journal of Neurochemistry</i> , 2017, 140, 919-940.	2.1	34
2090	Mutation effects predicted from sequence co-variation. <i>Nature Biotechnology</i> , 2017, 35, 128-135.	9.4	543
2091	Experience-dependent homeostasis of $\epsilon$ -noise <sup>TM</sup> at inhibitory synapses preserves information coding in adult visual cortex. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160156.	1.8	25
2092	Emerging Role of Epigenetic Mechanisms in Alcohol Addiction. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 666-680.	1.4	83
2093	InterVar: Clinical Interpretation of Genetic Variants by the 2015 ACMG-AMP Guidelines. <i>American Journal of Human Genetics</i> , 2017, 100, 267-280.	2.6	717
2094	Intra-neuronal Competition for Synaptic Partners Conserves the Amount of Dendritic Building Material. <i>Neuron</i> , 2017, 93, 632-645.e6.	3.8	29

#	ARTICLE	IF	CITATIONS
2095	MECP2 regulates cortical plasticity underlying a learned behaviour in adult female mice. <i>Nature Communications</i> , 2017, 8, 14077.	5.8	75
2096	Neonatal bladder inflammation induces long-term visceral pain and altered responses of spinal neurons in adult rats. <i>Neuroscience</i> , 2017, 346, 349-364.	1.1	17
2097	Development of cortical motor circuits between childhood and adulthood: A navigated TMS&HdEEG study. <i>Human Brain Mapping</i> , 2017, 38, 2599-2615.	1.9	26
2098	A chemical probe toolbox for dissecting the cancer epigenome. <i>Nature Reviews Cancer</i> , 2017, 17, 160-183.	12.8	76
2099	Molecular Subtyping in Diffuse Large B Cell Lymphoma: Closer to an Approach of Precision Therapy. <i>Current Treatment Options in Oncology</i> , 2017, 18, 11.	1.3	22
2100	Transcranial Magnetic and Direct Current Stimulation in Children. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 11.	2.0	118
2101	Critical threshold levels of DNA methyltransferase 1 are required to maintain DNA methylation across the genome in human cancer cells. <i>Genome Research</i> , 2017, 27, 533-544.	2.4	62
2102	Practical approaches to adverse outcome pathway development and weight&of&evidence evaluation as illustrated by ecotoxicological case studies. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1429-1449.	2.2	39
2103	GAVIN: Gene-Aware Variant INterpretation for medical sequencing. <i>Genome Biology</i> , 2017, 18, 6.	3.8	55
2104	Investigations in GABA <sub>A</sub> receptor antibody-associated encephalitis. <i>Neurology</i> , 2017, 88, 1012-1020.	1.5	257
2105	Histamine H3R receptor activation in the dorsal striatum triggers stereotypies in a mouse model of tic disorders. <i>Translational Psychiatry</i> , 2017, 7, e1013-e1013.	2.4	42
2106	Demethylation of H3K27 Is Essential for the Induction of Direct Cardiac Reprogramming by miR Combo. <i>Circulation Research</i> , 2017, 120, 1403-1413.	2.0	87
2107	Astrocyte-induced Reelin expression drives proliferation of Her2+ breast cancer metastases. <i>Clinical and Experimental Metastasis</i> , 2017, 34, 185-196.	1.7	33
2108	The Design of the Valsartan for Attenuating Disease Evolution in Early Sarcomeric Hypertrophic Cardiomyopathy (VANISH) Trial. <i>American Heart Journal</i> , 2017, 187, 145-155.	1.2	41
2109	Epigenetic regulation of <i>RELN</i> and <i>GAD1</i> in the frontal cortex (FC) of autism spectrum disorder (ASD) subjects. <i>International Journal of Developmental Neuroscience</i> , 2017, 62, 63-72.	0.7	47
2110	Regulation of mRNA splicing by MeCP2 via epigenetic modifications in the brain. <i>Scientific Reports</i> , 2017, 7, 42790.	1.6	38
2111	Epigenetic interventions for epileptogenesis: A new frontier for curing epilepsy. , 2017, 177, 108-122.		60
2112	Precision medicine driven by cancer systems biology. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 91-108.	2.7	38

#	ARTICLE	IF	CITATIONS
2113	Marked for death: targeting epigenetic changes in cancer. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 241-263.	21.5	244
2114	Optogenetic control of the Dab1 signaling pathway. <i>Scientific Reports</i> , 2017, 7, 43760.	1.6	5
2115	PM2.5 Exposure Suppresses Dendritic Maturation in Subgranular Zone in Aged Rats. <i>Neurotoxicity Research</i> , 2017, 32, 50-57.	1.3	19
2116	Gene expression profiles reveal key pathways and genes associated with neuropathic pain in patients with spinal cord injury. <i>Molecular Medicine Reports</i> , 2017, 15, 2120-2128.	1.1	12
2117	Paracrine GABA and insulin regulate pancreatic alpha cell proliferation in a mouse model of type 1 diabetes. <i>Diabetologia</i> , 2017, 60, 1033-1042.	2.9	47
2118	Neurotransmitter-Regulated Regeneration in the Zebrafish Retina. <i>Stem Cell Reports</i> , 2017, 8, 831-842.	2.3	30
2119	Stage-specific functions of Semaphorin7A during adult hippocampal neurogenesis rely on distinct receptors. <i>Nature Communications</i> , 2017, 8, 14666.	5.8	26
2120	Cellular and Circuitry Bases of Autism: Lessons Learned from the Temporospacial Manipulation of Autism Genes in the Brain. <i>Neuroscience Bulletin</i> , 2017, 33, 205-218.	1.5	13
2121	The Burden of Early Phenotypes and the Influence of Wall Thickness in Hypertrophic Cardiomyopathy Mutation Carriers. <i>JAMA Cardiology</i> , 2017, 2, 419.	3.0	50
2122	The Immune System, Cytokines, and Biomarkers in Autism Spectrum Disorder. <i>Neuroscience Bulletin</i> , 2017, 33, 194-204.	1.5	182
2123	Evaluating Variant Calling Tools for Non-Matched Next-Generation Sequencing Data. <i>Scientific Reports</i> , 2017, 7, 43169.	1.6	185
2124	A Model Program for Translational Medicine in Epilepsy Genetics. <i>Journal of Child Neurology</i> , 2017, 32, 429-436.	0.7	6
2125	PRC2 is required for extensive reorganization of H3K27me3 during epigenetic reprogramming in mouse fetal germ cells. <i>Epigenetics and Chromatin</i> , 2017, 10, 7.	1.8	25
2126	Lysine Acetylation and Deacetylation in Brain Development and Neuropathies. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 19-36.	3.0	61
2127	Neuronal activity modifies the chromatin accessibility landscape in the adult brain. <i>Nature Neuroscience</i> , 2017, 20, 476-483.	7.1	218
2128	DNA Hypomethylating Drugs in Cancer Therapy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a026948.	2.9	104
2129	Discovery of Peptidomimetic Ligands of EED as Allosteric Inhibitors of PRC2. <i>ACS Combinatorial Science</i> , 2017, 19, 161-172.	3.8	43
2130	Rapid and cost-effective high-throughput sequencing for identification of germline mutations of BRCA1 and BRCA2. <i>Journal of Human Genetics</i> , 2017, 62, 561-567.	1.1	17

#	ARTICLE	IF	CITATIONS
2131	SHANK proteins: roles at the synapse and in autism spectrum disorder. <i>Nature Reviews Neuroscience</i> , 2017, 18, 147-157.	4.9	508
2132	Whole Exome Sequencing Reveals Severe Thrombophilia in Acute Unprovoked Idiopathic Fatal Pulmonary Embolism. <i>EBioMedicine</i> , 2017, 17, 95-100.	2.7	13
2133	Individual Differences in Resting Corticospinal Excitability Are Correlated with Reaction Time and GABA Content in Motor Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 2686-2696.	1.7	50
2134	An Overview of the Mechanisms of Abnormal GABAergic Interneuronal Cortical Migration Associated with Prenatal Ethanol Exposure. <i>Neurochemical Research</i> , 2017, 42, 1279-1287.	1.6	13
2135	Implementing Genome-Driven Oncology. <i>Cell</i> , 2017, 168, 584-599.	13.5	405
2136	Multicellular Tumor Spheroids Combined with Mass Spectrometric Histone Analysis To Evaluate Epigenetic Drugs. <i>Analytical Chemistry</i> , 2017, 89, 2773-2781.	3.2	27
2137	Epigenetics: a link between addiction and social environment. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2735-2747.	2.4	50
2138	EZH2 regulates spinal neuroinflammation in rats with neuropathic pain. <i>Neuroscience</i> , 2017, 349, 106-117.	1.1	61
2139	Traumatic Brain Injury Induces Genome-Wide Transcriptomic, Methylomic, and Network Perturbations in Brain and Blood Predicting Neurological Disorders. <i>EBioMedicine</i> , 2017, 16, 184-194.	2.7	88
2140	Novel therapeutic approaches for disease-modification of epileptogenesis for curing epilepsy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1519-1538.	1.8	74
2141	Epigenetic regulation of HDAC1 SUMOylation as an endogenous neuroprotection against A $\beta$ toxicity in a mouse model of Alzheimer's disease. <i>Cell Death and Differentiation</i> , 2017, 24, 597-614.	5.0	35
2142	Therapeutic effects of cannabinoids in animal models of seizures, epilepsy, epileptogenesis, and epilepsy-related neuroprotection. <i>Epilepsy and Behavior</i> , 2017, 70, 319-327.	0.9	152
2143	A <i>de novo</i> missense mutation of <i>GABRB2</i> causes early myoclonic encephalopathy. <i>Journal of Medical Genetics</i> , 2017, 54, 202-211.	1.5	47
2144	Chemosensitive Relapse in Small Cell Lung Cancer Proceeds through an EZH2-SLFN11 Axis. <i>Cancer Cell</i> , 2017, 31, 286-299.	7.7	370
2145	Opportunities and challenges of whole-genome and -exome sequencing. <i>BMC Genetics</i> , 2017, 18, 14.	2.7	160
2146	Mammalian SWI/SNF complexes in cancer: emerging therapeutic opportunities. <i>Current Opinion in Genetics and Development</i> , 2017, 42, 56-67.	1.5	142
2147	GAD1 Upregulation Programs Aggressive Features of Cancer Cell Metabolism in the Brain Metastatic Microenvironment. <i>Cancer Research</i> , 2017, 77, 2844-2856.	0.4	33
2148	Molecular Pathways: Metabolic Control of Histone Methylation and Gene Expression in Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 4004-4009.	3.2	61

#	ARTICLE	IF	CITATIONS
2149	Chd8 Mutation Leads to Autistic-like Behaviors and Impaired Striatal Circuits. <i>Cell Reports</i> , 2017, 19, 335-350.	2.9	177
2150	Whole-exome sequencing on deceased fetuses with ultrasound anomalies: expanding our knowledge of genetic disease during fetal development. <i>Genetics in Medicine</i> , 2017, 19, 1171-1178.	1.1	121
2151	Therapeutic targeting using tumor specific peptides inhibits long non-coding RNA HOTAIR activity in ovarian and breast cancer. <i>Scientific Reports</i> , 2017, 7, 894.	1.6	110
2152	EZH2 alterations in follicular lymphoma: biological and clinical correlations. <i>Blood Cancer Journal</i> , 2017, 7, e555-e555.	2.8	70
2153	Differential regulation of NMDA receptors by $\alpha$ -serine and glycine in mammalian spinal locomotor networks. <i>Journal of Neurophysiology</i> , 2017, 117, 1877-1893.	0.9	8
2154	Phenotype of GABA-transaminase deficiency. <i>Neurology</i> , 2017, 88, 1919-1924.	1.5	49
2155	Odorant Sensory Input Modulates DNA Secondary Structure Formation and Heterogeneous Ribonucleoprotein Recruitment on the Tyrosine Hydroxylase and Glutamic Acid Decarboxylase 1 Promoters in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2017, 37, 4778-4789.	1.7	10
2156	Quantifying the Impact of Non-coding Variants on Transcription Factor-DNA Binding. <i>Lecture Notes in Computer Science</i> , 2017, 10229, 336-352.	1.0	16
2157	Clinical Variant Classification: A Comparison of Public Databases and a Commercial Testing Laboratory. <i>Oncologist</i> , 2017, 22, 797-803.	1.9	40
2158	Structure of the PRC2 complex and application to drug discovery. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 963-976.	2.8	35
2159	Human induced pluripotent stem cells for modelling neurodevelopmental disorders. <i>Nature Reviews Neurology</i> , 2017, 13, 265-278.	4.9	135
2160	Chloride Dysregulation, Seizures, and Cerebral Edema: A Relationship with Therapeutic Potential. <i>Trends in Neurosciences</i> , 2017, 40, 276-294.	4.2	68
2161	The histone demethylase PHF8 is a molecular safeguard of the IFN $\gamma$ response. <i>Nucleic Acids Research</i> , 2017, 45, gkw1346.	6.5	12
2162	The <i>de novo</i> autism spectrum disorder <i>RELN</i> R2290C mutation reduces Reelin secretion and increases protein disulfide isomerase expression. <i>Journal of Neurochemistry</i> , 2017, 142, 89-102.	2.1	21
2163	Diffuse large B-cell lymphoma: can genomics improve treatment options for a curable cancer?. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001719.	0.5	22
2164	The Proteins API: accessing key integrated protein and genome information. <i>Nucleic Acids Research</i> , 2017, 45, W539-W544.	6.5	69
2165	Dual Inhibition of EZH2 and EZH1 Sensitizes PRC2-Dependent Tumors to Proteasome Inhibition. <i>Clinical Cancer Research</i> , 2017, 23, 4817-4830.	3.2	59
2166	Identification of six polymorphisms as novel susceptibility loci for ischemic or hemorrhagic stroke by exome-wide association studies. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1477-1491.	1.8	16

#	ARTICLE	IF	CITATIONS
2167	EZH2 Regulates the Developmental Timing of Effectors of the Pre-antigen Receptor Checkpoints. <i>Journal of Immunology</i> , 2017, 198, 4682-4691.	0.4	29
2168	Behavioral disinhibition and antiepileptic treatment in childhood epilepsy: A retrospective cohort study. <i>Epilepsia Open</i> , 2017, 2, 59-66.	1.3	4
2169	Distinct Translaminar Glutamatergic Circuits to GABAergic Interneurons in the Neonatal Auditory Cortex. <i>Cell Reports</i> , 2017, 19, 1141-1150.	2.9	34
2170	Determination of disease phenotypes and pathogenic variants from exome sequence data in the CAGI 4 gene panel challenge. <i>Human Mutation</i> , 2017, 38, 1201-1216.	1.1	5
2171	Melorheostosis: Exome sequencing of an associated dermatosis implicates postzygotic mosaicism of mutated KRAS. <i>Bone</i> , 2017, 101, 145-155.	1.4	37
2172	The space where aging acts: focus on the GABAergic synapse. <i>Aging Cell</i> , 2017, 16, 634-643.	3.0	134
2173	Heat induced temperature dysregulation and seizures in Dravet Syndrome/GEFS+ Gabrg2+/Q390X mice. <i>Epilepsy Research</i> , 2017, 134, 1-8.	0.8	24
2174	The role of Ca <sup>2+</sup> signaling in Parkinson's disease. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 519-535.	1.2	132
2175	Ion Channel Genes and Epilepsy: Functional Alteration, Pathogenic Potential, and Mechanism of Epilepsy. <i>Neuroscience Bulletin</i> , 2017, 33, 455-477.	1.5	94
2176	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. <i>American Journal of Human Genetics</i> , 2017, 100, 843-853.	2.6	181
2177	Citrullination/Methylation Crosstalk on Histone H3 Regulates ER-Target Gene Transcription. <i>ACS Chemical Biology</i> , 2017, 12, 1691-1702.	1.6	36
2178	Neuropathic Pain and Spinal Cord Injury: Phenotypes and Pharmacological Management. <i>Drugs</i> , 2017, 77, 967-984.	4.9	98
2179	Comprehensive population-wide analysis of Lynch syndrome in Iceland reveals founder mutations in MSH6 and PMS2. <i>Nature Communications</i> , 2017, 8, 14755.	5.8	96
2180	Assessment of the ExAC data set for the presence of individuals with pathogenic genotypes implicated in severe Mendelian pediatric disorders. <i>Genetics in Medicine</i> , 2017, 19, 1300-1308.	1.1	58
2181	Expanding the phenotypic spectrum of GABRG2 variants: a recurrent GABRG2 missense variant associated with a severe phenotype. <i>Journal of Neurogenetics</i> , 2017, 31, 30-36.	0.6	11
2182	The Default Mode Network in Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 476-486.	1.1	201
2183	Neural Circuits: Reduced Inhibition in Fragile X Syndrome. <i>Current Biology</i> , 2017, 27, R298-R300.	1.8	8
2184	Assembly of functionally integrated human forebrain spheroids. <i>Nature</i> , 2017, 545, 54-59.	13.7	931

#	ARTICLE	IF	CITATIONS
2185	Rapid polygenic response to secondary contact in a hybrid species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170365.	1.2	6
2186	Endoplasmic reticulum proteostasis impairment in aging. <i>Aging Cell</i> , 2017, 16, 615-623.	3.0	177
2187	Phase-Dependent Astroglial Alterations in $\pi$ -Pilocarpine-Induced Status Epilepticus in Young Rats. <i>Neurochemical Research</i> , 2017, 42, 2730-2742.	1.6	19
2188	The HECT Family Ubiquitin Ligase EEL-1 Regulates Neuronal Function and Development. <i>Cell Reports</i> , 2017, 19, 822-835.	2.9	24
2189	Caregiver maltreatment causes altered neuronal DNA methylation in female rodents. <i>Development and Psychopathology</i> , 2017, 29, 477-489.	1.4	39
2190	Writing, erasing and reading histone lysine methylations. <i>Experimental and Molecular Medicine</i> , 2017, 49, e324-e324.	3.2	800
2191	The histone methyltransferase $\langle scp \rangle$ EZH2 $\langle /scp \rangle$ is a therapeutic target in small cell carcinoma of the ovary, hypercalcaemic type. <i>Journal of Pathology</i> , 2017, 242, 371-383.	2.1	78
2192	Whole genome sequencing predicts novel human disease models in rhesus macaques. <i>Genomics</i> , 2017, 109, 214-220.	1.3	28
2193	Epigenetic regulatory mutations and epigenetic therapy for multiple myeloma. <i>Current Opinion in Hematology</i> , 2017, 24, 336-344.	1.2	36
2194	Artemisinins Target GABAA Receptor Signaling and Impair $\hat{\pm}$ Cell Identity. <i>Cell</i> , 2017, 168, 86-100.e15.	13.5	330
2195	The dynamics of GABA signaling: Revelations from the circadian pacemaker in the suprachiasmatic nucleus. <i>Frontiers in Neuroendocrinology</i> , 2017, 44, 35-82.	2.5	83
2196	Sex $\hat{\epsilon}$ dependent effects of nicotine on the developing brain. <i>Journal of Neuroscience Research</i> , 2017, 95, 422-436.	1.3	73
2197	DATA SHARING AND REPRODUCIBLE CLINICAL GENETIC TESTING: SUCCESSES AND CHALLENGES. , 2017, 22, 166-176.		7
2198	Adolescent GBR12909 exposure induces oxidative stress, disrupts parvalbumin-positive interneurons, and leads to hyperactivity and impulsivity in adult mice. <i>Neuroscience</i> , 2017, 345, 166-175.	1.1	10
2199	Positive modulation of $\hat{\pm}$ 5 GABA $\langle sub \rangle$ A $\langle /sub \rangle$ receptors in preadolescence prevents reduced locomotor response to amphetamine in adult female but not male rats prenatally exposed to lipopolysaccharide. <i>International Journal of Developmental Neuroscience</i> , 2017, 61, 31-39.	0.7	15
2200	Genomic Characterization of Renal Medullary Carcinoma and Treatment Outcomes. <i>Clinical Genitourinary Cancer</i> , 2017, 15, e987-e994.	0.9	39
2201	Utilization of genomic sequencing for population screening of immunodeficiencies in the newborn. <i>Genetics in Medicine</i> , 2017, 19, 1367-1375.	1.1	23
2202	Cartilage repair by mesenchymal stem cells: Clinical trial update and perspectives. <i>Journal of Orthopaedic Translation</i> , 2017, 9, 76-88.	1.9	146

#	ARTICLE	IF	CITATIONS
2203	Drug discovery and therapeutic delivery for the treatment of B and T cell tumors. <i>Advanced Drug Delivery Reviews</i> , 2017, 114, 285-300.	6.6	20
2204	Larger Receptive Field Size as a Mechanism Underlying Atypical Motion Perception in Autism Spectrum Disorder. <i>Clinical Psychological Science</i> , 2017, 5, 827-842.	2.4	25
2205	The winding path of protein methylation research: milestones and new frontiers. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 517-527.	16.1	154
2206	Identification of a novel <i>RASD1</i> somatic mutation in a <i>USP8</i> -mutated corticotroph adenoma. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001602.	0.5	8
2207	PathOS: a decision support system for reporting high throughput sequencing of cancers in clinical diagnostic laboratories. <i>Genome Medicine</i> , 2017, 9, 38.	3.6	25
2208	CAGI4 SickKids clinical genomes challenge: A pipeline for identifying pathogenic variants. <i>Human Mutation</i> , 2017, 38, 1169-1181.	1.1	11
2209	Combination of multiple neural crest migration assays to identify environmental toxicants from a proof-of-concept chemical library. <i>Archives of Toxicology</i> , 2017, 91, 3613-3632.	1.9	31
2210	Genetic architecture of epigenetic and neuronal ageing rates in human brain regions. <i>Nature Communications</i> , 2017, 8, 15353.	5.8	92
2211	The emerging field of epigenetics in neurodegeneration and neuroprotection. <i>Nature Reviews Neuroscience</i> , 2017, 18, 347-361.	4.9	255
2212	Intersectin 1 is a component of the Reelin pathway to regulate neuronal migration and synaptic plasticity in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5533-5538.	3.3	40
2213	GenomeVIP: a cloud platform for genomic variant discovery and interpretation. <i>Genome Research</i> , 2017, 27, 1450-1459.	2.4	15
2214	Sharing of Genes and Pathways Across Complex Phenotypes: A Multilevel Genome-Wide Analysis. <i>Genetics</i> , 2017, 206, 1601-1609.	1.2	7
2215	GeMSTONE: orchestrated prioritization of human germline mutations in the cloud. <i>Nucleic Acids Research</i> , 2017, 45, W207-W214.	6.5	2
2216	Histone H3.3K27M Represses <i>p16</i> to Accelerate Gliomagenesis in a Murine Model of DIPG. <i>Molecular Cancer Research</i> , 2017, 15, 1243-1254.	1.5	120
2217	KDM3A promotes inhibitory cytokines secretion by participating in TLR4 regulation of Foxp3 transcription in lung adenocarcinoma cells. <i>Oncology Letters</i> , 2017, 13, 3529-3537.	0.8	19
2218	Rubinstein-Taybi Syndrome and Epigenetic Alterations. <i>Advances in Experimental Medicine and Biology</i> , 2017, 978, 39-62.	0.8	30
2219	The influence of depolarization block on seizure-like activity in networks of excitatory and inhibitory neurons. <i>Journal of Computational Neuroscience</i> , 2017, 43, 65-79.	0.6	14
2220	Dynamic chromatin technologies: from individual molecules to epigenomic regulation in cells. <i>Nature Reviews Genetics</i> , 2017, 18, 457-472.	7.7	60

#	ARTICLE	IF	CITATIONS
2221	Somatic Tumor Mutations Detected by Targeted Next Generation Sequencing in Minute Amounts of Serum-Derived Cell-Free DNA. <i>Scientific Reports</i> , 2017, 7, 2136.	1.6	7
2222	Gene-body 5-hydroxymethylation is associated with gene expression changes in the prefrontal cortex of depressed individuals. <i>Translational Psychiatry</i> , 2017, 7, e1119-e1119.	2.4	63
2223	Lysine Deacetylation by HDAC6 Regulates the Kinase Activity of AKT in Human Neural Progenitor Cells. <i>ACS Chemical Biology</i> , 2017, 12, 2139-2148.	1.6	43
2224	Hotspots of missense mutation identify neurodevelopmental disorder genes and functional domains. <i>Nature Neuroscience</i> , 2017, 20, 1043-1051.	7.1	152
2225	DISC1 in Astrocytes Influences Adult Neurogenesis and Hippocampus-Dependent Behaviors in Mice. <i>Neuropsychopharmacology</i> , 2017, 42, 2242-2251.	2.8	50
2226	Deleterious variants in TRAK1 disrupt mitochondrial movement and cause fatal encephalopathy. <i>Brain</i> , 2017, 140, 568-581.	3.7	53
2227	Molecular mechanisms of experience-dependent maturation in cortical GABAergic inhibition. <i>Journal of Neurochemistry</i> , 2017, 142, 649-661.	2.1	23
2228	The Small GTPase Rac1 Contributes to Extinction of Aversive Memories of Drug Withdrawal by Facilitating GABAA Receptor Endocytosis in the vmPFC. <i>Journal of Neuroscience</i> , 2017, 37, 7096-7110.	1.7	20
2229	Increased glutamic acid decarboxylase expression in the hypothalamic suprachiasmatic nucleus in depression. <i>Brain Structure and Function</i> , 2017, 222, 4079-4088.	1.2	21
2230	Genetic variants in the transcription regulatory region of MEGF10 are associated with autism in Chinese Han population. <i>Scientific Reports</i> , 2017, 7, 2292.	1.6	7
2231	Ensemble variant interpretation methods to predict enzyme activity and assign pathogenicity in the CAG14 NAGLU (Human N-acetylglucosaminidase) and UBE2I (Human SUMO ligase) challenges. <i>Human Mutation</i> , 2017, 38, 1109-1122.	1.1	14
2232	Autism spectrum disorder: neuropathology and animal models. <i>Acta Neuropathologica</i> , 2017, 134, 537-566.	3.9	335
2233	Somatostatin-Positive Gamma-Aminobutyric Acid Interneuron Deficits in Depression: Cortical Microcircuit and Therapeutic Perspectives. <i>Biological Psychiatry</i> , 2017, 82, 549-559.	0.7	238
2234	Functional Interactions between Newborn and Mature Neurons Leading to Integration into Established Neuronal Circuits. <i>Current Biology</i> , 2017, 27, 1707-1720.e5.	1.8	31
2235	Laquinimod has no effects on brain volume or cellular CNS composition in the F1 3xTg-AD/C3H mouse model of Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2017, 309, 100-110.	1.1	5
2236	The role of MACF1 in nervous system development and maintenance. <i>Seminars in Cell and Developmental Biology</i> , 2017, 69, 9-17.	2.3	26
2237	MiR-203 Interplays with Polycomb Repressive Complexes to Regulate the Proliferation of Neural Stem/Progenitor Cells. <i>Stem Cell Reports</i> , 2017, 9, 190-202.	2.3	27
2238	Neurog2 and Ascl1 together regulate a postmitotic derepression circuit to govern laminar fate specification in the murine neocortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4934-E4943.	3.3	34

#	ARTICLE	IF	CITATIONS
2239	Notch Represses Transcription by PRC2 Recruitment to the Ternary Complex. <i>Molecular Cancer Research</i> , 2017, 15, 1173-1183.	1.5	12
2240	Opening a New Time Window for Treatment of Stroke by Targeting HDAC2. <i>Journal of Neuroscience</i> , 2017, 37, 6712-6728.	1.7	64
2241	Age-dependent, lasting effects of methylphenidate on the GABAergic system of ADHD patients. <i>NeuroImage: Clinical</i> , 2017, 15, 812-818.	1.4	25
2242	MTOR controls genesis and autophagy of GABAergic interneurons during brain development. <i>Autophagy</i> , 2017, 13, 1348-1363.	4.3	49
2243	Anticonvulsant effect of flupirtine in an animal model of neonatal hypoxic-ischemic encephalopathy. <i>Neuropharmacology</i> , 2017, 123, 126-135.	2.0	21
2244	Loss-of-function mutations in the CABLES1 gene are a novel cause of Cushing's disease. <i>Endocrine-Related Cancer</i> , 2017, 24, 379-392.	1.6	66
2245	Letter: Extensive Migration of Young Neurons Into the Infant Human Frontal Lobe. <i>Neurosurgery</i> , 2017, 81, E16-E18.	0.6	7
2246	Increasing GABA reverses age-related alterations in excitatory receptive fields and intensity coding of auditory midbrain neurons in aged mice. <i>Neurobiology of Aging</i> , 2017, 56, 87-99.	1.5	7
2247	QTL and systems genetics analysis of mouse grooming and behavioral responses to novelty in an open field. <i>Genes, Brain and Behavior</i> , 2017, 16, 790-799.	1.1	40
2248	2 Subunit-Containing GABA <sub>A</sub> Receptor Subtypes Are Upregulated and Contribute to Alcohol-Induced Functional Plasticity in the Rat Hippocampus. <i>Molecular Pharmacology</i> , 2017, 92, 101-112.	1.0	20
2249	Altered gene expression in early postnatal monoamine oxidase A knockout mice. <i>Brain Research</i> , 2017, 1669, 18-26.	1.1	4
2250	Chemokines in the cancer microenvironment and their relevance in cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2017, 17, 559-572.	10.6	1,448
2251	PMut: a web-based tool for the annotation of pathological variants on proteins, 2017 update. <i>Nucleic Acids Research</i> , 2017, 45, W222-W228.	6.5	184
2252	YY1 Haploinsufficiency Causes an Intellectual Disability Syndrome Featuring Transcriptional and Chromatin Dysfunction. <i>American Journal of Human Genetics</i> , 2017, 100, 907-925.	2.6	125
2253	New methods in the diagnosis of cancer and gene therapy of cancer based on nanoparticles. <i>Cancer Gene Therapy</i> , 2017, 24, 233-243.	2.2	155
2254	Sources of discordance among germ-line variant classifications in ClinVar. <i>Genetics in Medicine</i> , 2017, 19, 1118-1126.	1.1	88
2255	Tactile Defensiveness and Impaired Adaptation of Neuronal Activity in the Fmr1 Knock-Out Mouse Model of Autism. <i>Journal of Neuroscience</i> , 2017, 37, 6475-6487.	1.7	105
2256	Notable roles of EZH2 and DNMT1 in epigenetic dormancy of the SHP1 gene during the progression of chronic myeloid leukaemia. <i>Oncology Letters</i> , 2017, 13, 4979-4985.	0.8	11

#	ARTICLE	IF	CITATIONS
2257	Inhibitory engrams in perception and memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6666-6674.	3.3	107
2258	Supporting precision medicine by data mining across multi-disciplines: an integrative approach for generating comprehensive linkages between single nucleotide variants (SNVs) and drug-binding sites. <i>Bioinformatics</i> , 2017, 33, 1621-1629.	1.8	11
2259	The association between germline <i>BRCA2</i> variants and sensitivity to platinum-based chemotherapy among men with metastatic prostate cancer. <i>Cancer</i> , 2017, 123, 3532-3539.	2.0	217
2260	Accurately annotate compound effects of genetic variants using a context-sensitive framework. <i>Nucleic Acids Research</i> , 2017, 45, e82-e82.	6.5	9
2261	Infantile Amnesia: A Critical Period of Learning to Learn and Remember. <i>Journal of Neuroscience</i> , 2017, 37, 5783-5795.	1.7	131
2262	Active Dentate Granule Cells Encode Experience to Promote the Addition of Adult-Born Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2017, 37, 4661-4678.	1.7	40
2263	Mechanistic insights into epigenetic modulation of ethanol consumption. <i>Alcohol</i> , 2017, 60, 95-101.	0.8	27
2264	Transcriptome analysis of microglia in a mouse model of Rett syndrome: differential expression of genes associated with microglia/macrophage activation and cellular stress. <i>Molecular Autism</i> , 2017, 8, 17.	2.6	61
2265	The radial organization of neuronal primary cilia is acutely disrupted by seizure and ischemic brain injury. <i>Frontiers in Biology</i> , 2017, 12, 124-138.	0.7	11
2266	Embryonic mosaic deletion of APP results in displaced Reelin-expressing cells in the cerebral cortex. <i>Developmental Biology</i> , 2017, 424, 138-146.	0.9	9
2267	Histone demethylases Kdm6ba and Kdm6bb redundantly promote cardiomyocyte proliferation during zebrafish heart ventricle maturation. <i>Developmental Biology</i> , 2017, 426, 84-96.	0.9	30
2268	Bedside Back to Bench: Building Bridges between Basic and Clinical Genomic Research. <i>Cell</i> , 2017, 169, 6-12.	13.5	103
2269	Demethylated HSATII DNA and HSATII RNA Foci Sequester PRC1 and MeCP2 into Cancer-Specific Nuclear Bodies. <i>Cell Reports</i> , 2017, 18, 2943-2956.	2.9	76
2270	An autism-associated serotonin transporter variant disrupts multisensory processing. <i>Translational Psychiatry</i> , 2017, 7, e1067-e1067.	2.4	47
2271	Gene-environment interaction between lead and Apolipoprotein E4 causes cognitive behavior deficits in mice. <i>Molecular Neurodegeneration</i> , 2017, 12, 14.	4.4	34
2272	Ablation of neuropsin-neuregulin 1 signaling imbalances ErbB4 inhibitory networks and disrupts hippocampal gamma oscillation. <i>Translational Psychiatry</i> , 2017, 7, e1052-e1052.	2.4	20
2273	AMPA glutamate receptors are required for sensory-organ formation and morphogenesis in the basal chordate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3939-3944.	3.3	16
2274	Genetic and activity-dependent mechanisms underlying interneuron diversity. <i>Nature Reviews Neuroscience</i> , 2017, 18, 299-309.	4.9	248

#	ARTICLE	IF	CITATIONS
2275	Successful Application of Whole Genome Sequencing in a Medical Genetics Clinic. <i>Journal of Pediatric Genetics</i> , 2017, 06, 061-076.	0.3	54
2276	Pathogenic variants in the healthy elderly: unique ethical and practical challenges. <i>Journal of Medical Ethics</i> , 2017, 43, 714-722.	1.0	10
2277	The Human Gene Mutation Database: towards a comprehensive repository of inherited mutation data for medical research, genetic diagnosis and next-generation sequencing studies. <i>Human Genetics</i> , 2017, 136, 665-677.	1.8	1,106
2278	Molecular Mechanisms of Transcription Factor 4 in Pitt-Hopkins Syndrome. <i>Current Genetic Medicine Reports</i> , 2017, 5, 1-7.	1.9	7
2279	Neural Noise Hypothesis of Developmental Dyslexia. <i>Trends in Cognitive Sciences</i> , 2017, 21, 434-448.	4.0	96
2280	Targeted screening of succinic semialdehyde dehydrogenase deficiency (SSADHD) employing an enzymatic assay for [ <sup>3</sup> H]-hydroxybutyric acid (GHB) in biofluids. <i>Molecular Genetics and Metabolism Reports</i> , 2017, 11, 81-89.	0.4	4
2281	Cortical cells reveal APP as a new player in the regulation of GABAergic neurotransmission. <i>Scientific Reports</i> , 2017, 7, 370.	1.6	31
2282	The Effects of Acute GABA Treatment on the Functional Connectivity and Network Topology of Cortical Cultures. <i>Neurochemical Research</i> , 2017, 42, 1394-1402.	1.6	12
2283	Recent Research Progress in Autism Spectrum Disorder. <i>Neuroscience Bulletin</i> , 2017, 33, 125-129.	1.5	9
2284	The emerging role of PI3K/AKT-mediated epigenetic regulation in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 123-131.	3.3	117
2285	Gene expression profiling in the human alcoholic brain. <i>Neuropharmacology</i> , 2017, 122, 161-174.	2.0	48
2286	A methylome-wide mQTL analysis reveals associations of methylation sites with GAD1 and HDAC3 SNPs and a general psychiatric risk score. <i>Translational Psychiatry</i> , 2017, 7, e1002-e1002.	2.4	29
2287	Similarities and differences of functional connectivity in drug-naïve, first-episode adolescent and young adult with major depressive disorder and schizophrenia. <i>Scientific Reports</i> , 2017, 7, 44316.	1.6	22
2288	Effects of bumetanide on neurobehavioral function in children and adolescents with autism spectrum disorders. <i>Translational Psychiatry</i> , 2017, 7, e1056-e1056.	2.4	145
2289	Clinical laboratories collaborate to resolve differences in variant interpretations submitted to ClinVar. <i>Genetics in Medicine</i> , 2017, 19, 1096-1104.	1.1	200
2290	<i>Magel2</i> knockout mice manifest altered social phenotypes and a deficit in preference for social novelty. <i>Genes, Brain and Behavior</i> , 2017, 16, 592-600.	1.1	39
2291	Prefrontal cortex expression of chromatin modifier genes in male WSP and WSR mice changes across ethanol dependence, withdrawal, and abstinence. <i>Alcohol</i> , 2017, 60, 83-94.	0.8	20
2292	Oxidative stress-driven parvalbumin interneuron impairment as a common mechanism in models of schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 936-943.	4.1	280

#	ARTICLE	IF	CITATIONS
2293	Ascl1 promotes tangential migration and confines migratory routes by induction of Ephb2 in the telencephalon. <i>Scientific Reports</i> , 2017, 7, 42895.	1.6	7
2294	Epigenetic dysfunctional diseases and therapy for infection and inflammation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 518-528.	1.8	36
2295	Methyl-CpG-Binding Protein MBD1 Regulates Neuronal Lineage Commitment through Maintaining Adult Neural Stem Cell Identity. <i>Journal of Neuroscience</i> , 2017, 37, 523-536.	1.7	32
2296	Inhibition of demethylase KDM6B sensitizes diffuse large B-cell lymphoma to chemotherapeutic drugs. <i>Haematologica</i> , 2017, 102, 373-380.	1.7	58
2297	CaMKII-mediated phosphorylation of GluN2B regulates recombinant NMDA receptor currents in a chloride-dependent manner. <i>Molecular and Cellular Neurosciences</i> , 2017, 79, 45-52.	1.0	17
2298	Germline Mutations in PALB2, BRCA1, and RAD51C, Which Regulate DNA Recombination Repair, in Patients With Gastric Cancer. <i>Gastroenterology</i> , 2017, 152, 983-986.e6.	0.6	98
2299	Visual Population Receptive Fields in People with Schizophrenia Have Reduced Inhibitory Surrounds. <i>Journal of Neuroscience</i> , 2017, 37, 1546-1556.	1.7	49
2300	The landscape of new drugs in lymphoma. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 335-346.	12.5	56
2301	A driver role for GABA metabolism in controlling stem and proliferative cell state through GHB production in glioma. <i>Acta Neuropathologica</i> , 2017, 133, 645-660.	3.9	53
2302	Potential Mechanisms Underlying the Therapeutic Effects of Electroconvulsive Therapy. <i>Neuroscience Bulletin</i> , 2017, 33, 339-347.	1.5	23
2303	Elevated intracellular Na <sup>+</sup> concentrations in developing spinal neurons. <i>Journal of Neurochemistry</i> , 2017, 140, 755-765.	2.1	8
2304	Auditory processing in noise is associated with complex patterns of disrupted functional connectivity in autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 631-647.	2.1	41
2305	Clinical and biological progress over 50 years in Rett syndrome. <i>Nature Reviews Neurology</i> , 2017, 13, 37-51.	4.9	155
2306	Interplay between H1 and HMGN epigenetically regulates OLIG1&2 expression and oligodendrocyte differentiation. <i>Nucleic Acids Research</i> , 2017, 45, 3031-3045.	6.5	36
2307	Perisylvian GABA levels in schizophrenia and bipolar disorder. <i>Neuroscience Letters</i> , 2017, 637, 70-74.	1.0	23
2308	Expanded national database collection and data coverage in the FINDbase worldwide database for clinically relevant genomic variation allele frequencies. <i>Nucleic Acids Research</i> , 2017, 45, D846-D853.	6.5	18
2309	Opening up the DNA methylome of dementia. <i>Molecular Psychiatry</i> , 2017, 22, 485-496.	4.1	59
2310	Auditory multistability and neurotransmitter concentrations in the human brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160110.	1.8	44

#	ARTICLE	IF	CITATIONS
2311	Individual differences in visual motion perception and neurotransmitter concentrations in the human brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160111.	1.8	21
2312	Mutations in <i>GABRB3</i> . <i>Neurology</i> , 2017, 88, 483-492.	1.5	87
2313	Networks of Cultured iPSC-Derived Neurons Reveal the Human Synaptic Activity-Regulated Adaptive Gene Program. <i>Cell Reports</i> , 2017, 18, 122-135.	2.9	62
2314	A holistic approach to anesthesia-induced neurotoxicity and its implications for future mechanistic studies. <i>Neurotoxicology and Teratology</i> , 2017, 60, 24-32.	1.2	29
2315	DisGeNET: a comprehensive platform integrating information on human disease-associated genes and variants. <i>Nucleic Acids Research</i> , 2017, 45, D833-D839.	6.5	1,865
2316	Ankyrin-G isoform imbalance and interneuronopathy link epilepsy and bipolar disorder. <i>Molecular Psychiatry</i> , 2017, 22, 1464-1472.	4.1	52
2317	The Monarch Initiative: an integrative data and analytic platform connecting phenotypes to genotypes across species. <i>Nucleic Acids Research</i> , 2017, 45, D712-D722.	6.5	306
2318	The novel homozygous <i>KCNJ10</i> c.986T>C (p.(Leu329Pro)) variant is pathogenic for the SeSAME/EAST homologue in Malinois dogs. <i>European Journal of Human Genetics</i> , 2017, 25, 222-226.	1.4	16
2319	Genetic predisposition to high anxiety- and depression-like behavior coincides with diminished DNA methylation in the adult rat amygdala. <i>Behavioural Brain Research</i> , 2017, 320, 165-178.	1.2	34
2320	Mechanisms of radiotherapy-associated cognitive disability in patients with brain tumours. <i>Nature Reviews Neurology</i> , 2017, 13, 52-64.	4.9	338
2321	Genetic insights into the neurodevelopmental origins of schizophrenia. <i>Nature Reviews Neuroscience</i> , 2017, 18, 727-740.	4.9	377
2322	Molecular Dissection of Neuroligin 2 and <i>Slitrk3</i> Reveals an Essential Framework for GABAergic Synapse Development. <i>Neuron</i> , 2017, 96, 808-826.e8.	3.8	64
2323	Temporal regulation of chromatin during myoblast differentiation. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 77-86.	2.3	17
2324	Prepubertal Development of Gonadotropin-Releasing Hormone Neuron Activity Is Altered by Sex, Age, and Prenatal Androgen Exposure. <i>Endocrinology</i> , 2017, 158, 3943-3953.	1.4	32
2325	Dysregulation of Cortical Neuron DNA Methylation Profile in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017, 27, 5739-5754.	1.6	118
2326	Cortical interneuron development: a tale of time and space. <i>Development (Cambridge)</i> , 2017, 144, 3867-3878.	1.2	166
2327	Sensory perception in autism. <i>Nature Reviews Neuroscience</i> , 2017, 18, 671-684.	4.9	640
2328	Methods and Applications of CRISPR-Mediated Base Editing in Eukaryotic Genomes. <i>Molecular Cell</i> , 2017, 68, 26-43.	4.5	199

#	ARTICLE	IF	CITATIONS
2329	CRISPR/Cas9-Based Engineering of the Epigenome. <i>Cell Stem Cell</i> , 2017, 21, 431-447.	5.2	215
2330	Kctd13 deletion reduces synaptic transmission via increased RhoA. <i>Nature</i> , 2017, 551, 227-231.	13.7	125
2331	MAPPIN: a method for annotating, predicting pathogenicity and mode of inheritance for nonsynonymous variants. <i>Nucleic Acids Research</i> , 2017, 45, 10393-10402.	6.5	15
2332	The abundance of metabolites related to protein methylation correlates with the metastatic capacity of human melanoma xenografts. <i>Science Advances</i> , 2017, 3, eaao5268.	4.7	38
2333	Synaptic Neurexin Complexes: A Molecular Code for the Logic of Neural Circuits. <i>Cell</i> , 2017, 171, 745-769.	13.5	608
2334	Long-Range GABAergic Inputs Regulate Neural Stem Cell Quiescence and Control Adult Hippocampal Neurogenesis. <i>Cell Stem Cell</i> , 2017, 21, 604-617.e5.	5.2	119
2335	Loss of Kdm5c Causes Spurious Transcription and Prevents the Fine-Tuning of Activity-Regulated Enhancers in Neurons. <i>Cell Reports</i> , 2017, 21, 47-59.	2.9	89
2336	GRIP1 Binds to ApoER2 and EphrinB2 to Induce Activity-Dependent AMPA Receptor Insertion at the Synapse. <i>Cell Reports</i> , 2017, 21, 84-96.	2.9	22
2337	Repeat genetic testing with targeted capture sequencing in primary arrhythmia syndrome and cardiomyopathy. <i>European Journal of Human Genetics</i> , 2017, 25, 1313-1323.	1.4	9
2338	Genomic analysis of an infant with intractable diarrhea and dilated cardiomyopathy. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a002055.	0.5	13
2339	Running Changes the Brain: the Long and the Short of It. <i>Physiology</i> , 2017, 32, 410-424.	1.6	87
2340	H3K27 Methylation Dynamics during CD4 T Cell Activation: Regulation of JAK/STAT and IL12RB2 Expression by JMJD3. <i>Journal of Immunology</i> , 2017, 199, 3158-3175.	0.4	29
2341	Hippocampal GABAergic Inhibitory Interneurons. <i>Physiological Reviews</i> , 2017, 97, 1619-1747.	13.1	601
2342	Forces and Disease: Electrostatic force differences caused by mutations in kinesin motor domains can distinguish between disease-causing and non-disease-causing mutations. <i>Scientific Reports</i> , 2017, 7, 8237.	1.6	30
2343	Temporal Control of Mammalian Cortical Neurogenesis by m6A Methylation. <i>Cell</i> , 2017, 171, 877-889.e17.	13.5	567
2344	Silencing of histone methyltransferase NSD3 reduces cell viability in osteosarcoma with induction of apoptosis. <i>Oncology Reports</i> , 2017, 38, 2796-2802.	1.2	20
2345	WD40 repeat domain proteins: a novel target class?. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 773-786.	21.5	202
2346	EZH2 enables germinal centre formation through epigenetic silencing of CDKN1A and an Rb-E2F1 feedback loop. <i>Nature Communications</i> , 2017, 8, 877.	5.8	132

#	ARTICLE	IF	CITATIONS
2347	EZH2 promotes degradation of stalled replication forks by recruiting MUS81 through histone H3 trimethylation. <i>Nature Cell Biology</i> , 2017, 19, 1371-1378.	4.6	257
2348	Cross-talk between the epigenome and neural circuits in drug addiction. <i>Progress in Brain Research</i> , 2017, 235, 19-63.	0.9	18
2349	Developmental Emergence of Sparse Coding: A Dynamic Systems Approach. <i>Scientific Reports</i> , 2017, 7, 13015.	1.6	17
2350	UTX/KDM6A Loss Enhances the Malignant Phenotype of Multiple Myeloma and Sensitizes Cells to EZH2 inhibition. <i>Cell Reports</i> , 2017, 21, 628-640.	2.9	106
2351	Glutrotransmission and adenosinergic modulation: insights from mammalian spinal motor networks. <i>Journal of Neurophysiology</i> , 2017, 118, 3311-3327.	0.9	13
2352	Delayed Maturation of Fast-Spiking Interneurons Is Rectified by Activation of the TrkB Receptor in the Mouse Model of Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2017, 37, 11298-11310.	1.7	45
2353	Persistent seizure control in epileptic mice transplanted with gamma-aminobutyric acid progenitors. <i>Annals of Neurology</i> , 2017, 82, 530-542.	2.8	43
2354	Characterisation of the novel deleterious RAD51C p.Arg312Trp variant and prioritisation criteria for functional analysis of RAD51C missense changes. <i>British Journal of Cancer</i> , 2017, 117, 1048-1062.	2.9	12
2355	Inherited, not acquired, Gitelman syndrome in a patient with Sjögren's syndrome: importance of genetic testing to distinguish the two forms. <i>CEN Case Reports</i> , 2017, 6, 180-184.	0.5	12
2356	Novel biomarkers of metabolic dysfunction in autism spectrum disorder: potential for biological diagnostic markers. <i>Metabolic Brain Disease</i> , 2017, 32, 1983-1997.	1.4	66
2357	Functions and dysfunctions of neocortical inhibitory neuron subtypes. <i>Nature Neuroscience</i> , 2017, 20, 1199-1208.	7.1	116
2358	Radial glia in the ventral telencephalon. <i>FEBS Letters</i> , 2017, 591, 3942-3959.	1.3	48
2359	Structural and functional differences in the barrel cortex of <i>Mecp2</i> null mice. <i>Journal of Comparative Neurology</i> , 2017, 525, 3951-3961.	0.9	21
2360	What California sea lions exposed to domoic acid might teach us about autism: lessons for predictive and preventive medicine. <i>EPMA Journal</i> , 2017, 8, 229-235.	3.3	5
2361	Frequency of mutations in a large series of clinically ascertained ovarian cancer cases tested on multi-gene panels compared to reference controls. <i>Gynecologic Oncology</i> , 2017, 147, 375-380.	0.6	105
2362	Mutational profile of rare variants in inflammasome-related genes in Behçet disease: A Next Generation Sequencing approach. <i>Scientific Reports</i> , 2017, 7, 8453.	1.6	29
2363	Targeting neuronal activity-regulated neuroligin-3 dependency in high-grade glioma. <i>Nature</i> , 2017, 549, 533-537.	13.7	350
2364	Running reorganizes the circuitry of one-week-old adult-born hippocampal neurons. <i>Scientific Reports</i> , 2017, 7, 10903.	1.6	50

#	ARTICLE	IF	CITATIONS
2365	MicroRNA-mediated downregulation of potassium-chloride-cotransporter and vesicular $\text{GABA}$ -aminobutyric acid transporter expression in spinal cord contributes to neonatal cystitis-induced visceral pain in rats. <i>Pain</i> , 2017, 158, 2461-2474.	2.0	27
2366	The transformation of the nuclear nanoarchitecture in human field carcinogenesis. <i>Future Science OA</i> , 2017, 3, FSO206.	0.9	8
2367	PAFAH1B1 haploinsufficiency disrupts GABA neurons and synaptic E/I balance in the dentate gyrus. <i>Scientific Reports</i> , 2017, 7, 8269.	1.6	13
2368	Autism-like behavior caused by deletion of vaccinia-related kinase 3 is improved by TrkB stimulation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2947-2966.	4.2	23
2369	Mitochondrial DNA haplotypes induce differential patterns of DNA methylation that result in differential chromosomal gene expression patterns. <i>Cell Death Discovery</i> , 2017, 3, 17062.	2.0	33
2370	Reversing behavioural abnormalities in mice exposed to maternal inflammation. <i>Nature</i> , 2017, 549, 482-487.	13.7	240
2371	Oxytocin stimulates hippocampal neurogenesis via oxytocin receptor expressed in CA3 pyramidal neurons. <i>Nature Communications</i> , 2017, 8, 537.	5.8	111
2372	Toxoplasma Modulates Signature Pathways of Human Epilepsy, Neurodegeneration & Cancer. <i>Scientific Reports</i> , 2017, 7, 11496.	1.6	97
2373	TOP2A and EZH2 Provide Early Detection of an Aggressive Prostate Cancer Subgroup. <i>Clinical Cancer Research</i> , 2017, 23, 7072-7083.	3.2	87
2374	Bumetanide treatment during early development rescues maternal separation-induced susceptibility to stress. <i>Scientific Reports</i> , 2017, 7, 11878.	1.6	29
2375	Targeted sequencing of 36 known or putative colorectal cancer susceptibility genes. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2017, 5, 553-569.	0.6	32
2376	Pathogenesis of Lethal Aspiration Pneumonia in Mecp2-null Mouse Model for Rett Syndrome. <i>Scientific Reports</i> , 2017, 7, 12032.	1.6	17
2377	Characterization of H3.3K36M as a tool to study H3K36 methylation in cancer cells. <i>Epigenetics</i> , 2017, 12, 917-922.	1.3	13
2378	Epigenetic Regulation of Dendritic Cell Development and Function. <i>Cancer Journal (Sudbury, Mass )</i> , 2017, 23, 302-307.	1.0	30
2379	Annotating pathogenic non-coding variants in genic regions. <i>Nature Communications</i> , 2017, 8, 236.	5.8	122
2380	Prevalence of Rare Genetic Variations and Their Implications in NGS-data Interpretation. <i>Scientific Reports</i> , 2017, 7, 9810.	1.6	16
2381	Blood triglyceride levels are associated with DNA methylation at the serine metabolism gene PHGDH. <i>Scientific Reports</i> , 2017, 7, 11207.	1.6	32
2382	Higher-than-expected population prevalence of potentially pathogenic germline TP53 variants in individuals unselected for cancer history. <i>Human Mutation</i> , 2017, 38, 1723-1730.	1.1	40

#	ARTICLE	IF	CITATIONS
2383	Defects at the crossroads of GABAergic signaling in generalized genetic epilepsies. <i>Epilepsy Research</i> , 2017, 137, 9-18.	0.8	35
2384	IgSF21 promotes differentiation of inhibitory synapses via binding to neurexin2 $\beta$ . <i>Nature Communications</i> , 2017, 8, 408.	5.8	50
2385	Small molecule-based lineage switch of human adipose-derived stem cells into neural stem cells and functional GABAergic neurons. <i>Scientific Reports</i> , 2017, 7, 10166.	1.6	31
2386	Optimizing genomic medicine in epilepsy through a gene-customized approach to missense variant interpretation. <i>Genome Research</i> , 2017, 27, 1715-1729.	2.4	150
2387	Polyunsaturated fatty acid deficiency during neurodevelopment in mice models the prodromal state of schizophrenia through epigenetic changes in nuclear receptor genes. <i>Translational Psychiatry</i> , 2017, 7, e1229-e1229.	2.4	66
2388	HDAC6 Brain Mapping with [ <sup>18</sup> F]Bavostat Enabled by a Ru-Mediated Deoxyfluorination. <i>ACS Central Science</i> , 2017, 3, 1006-1014.	5.3	60
2389	The correlation between CRB1 variants and the clinical severity of Brazilian patients with different inherited retinal dystrophy phenotypes. <i>Scientific Reports</i> , 2017, 7, 8654.	1.6	17
2390	Functional variants in <i>HCN4</i> and <i>CACNA1H</i> may contribute to genetic generalized epilepsy. <i>Epilepsia Open</i> , 2017, 2, 334-342.	1.3	22
2391	Big GABA: Edited MR spectroscopy at 24 research sites. <i>NeuroImage</i> , 2017, 159, 32-45.	2.1	143
2392	Maternal H3K27me3 controls DNA methylation-independent imprinting. <i>Nature</i> , 2017, 547, 419-424.	13.7	349
2393	A UTX-MLL4-p300 Transcriptional Regulatory Network Coordinately Shapes Active Enhancer Landscapes for Eliciting Transcription. <i>Molecular Cell</i> , 2017, 67, 308-321.e6.	4.5	172
2394	Biochemical, Molecular, and Clinical Characterization of Succinate Dehydrogenase Subunit A Variants of Unknown Significance. <i>Clinical Cancer Research</i> , 2017, 23, 6733-6743.	3.2	12
2395	An Atoh1-S193A Phospho-Mutant Allele Causes Hearing Deficits and Motor Impairment. <i>Journal of Neuroscience</i> , 2017, 37, 8583-8594.	1.7	26
2396	Necroptosis activation in Alzheimer's disease. <i>Nature Neuroscience</i> , 2017, 20, 1236-1246.	7.1	305
2397	Mapping the Consequences of Impaired Synaptic Plasticity in Schizophrenia through Development: An Integrative Model for Diverse Clinical Features. <i>Trends in Cognitive Sciences</i> , 2017, 21, 760-778.	4.0	110
2398	Auditory cortex interneuron development requires cadherins operating hair-cell mechano-electrical transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7765-7774.	3.3	35
2399	New Insights into How Serotonin Selective Reuptake Inhibitors Shape the Developing Brain. <i>Birth Defects Research</i> , 2017, 109, 924-932.	0.8	47
2400	Epigenetics of human diseases and scope in future therapeutics. <i>Journal of Taibah University Medical Sciences</i> , 2017, 12, 205-211.	0.5	19

#	ARTICLE	IF	CITATIONS
2401	The epigenomics of schizophrenia, in the mouse. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 631-640.	1.1	12
2402	Autism, Attention, and Alpha Oscillations: An Electrophysiological Study of Attentional Capture. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 528-536.	1.1	41
2403	Fusion of Regionally Specified hPSC-Derived Organoids Models Human Brain Development and Interneuron Migration. Cell Stem Cell, 2017, 21, 383-398.e7.	5.2	508
2404	EZH2 is involved in silencing of WNT5A during epithelial-mesenchymal transition of colon cancer cell line. Journal of Cancer Research and Clinical Oncology, 2017, 143, 2211-2219.	1.2	15
2405	Comparison of the Mutational Profiles of Primary Myelofibrosis, Polycythemia Vera, and Essential Thrombocytosis. American Journal of Clinical Pathology, 2017, 147, 444-452.	0.4	32
2406	Epigenetic plasticity and the hallmarks of cancer. Science, 2017, 357, .	6.0	920
2407	Tonotopic alterations in inhibitory input to the medial nucleus of the trapezoid body in a mouse model of Fragile X syndrome. Journal of Comparative Neurology, 2017, 525, 3543-3562.	0.9	23
2408	GABAA receptor subunit gene polymorphisms predict symptom-based and developmental deficits in Chinese Han children and adolescents with autistic spectrum disorders. Scientific Reports, 2017, 7, 3290.	1.6	22
2409	Opposite, bidirectional shifts in excitation and inhibition in specific types of dorsal horn interneurons are associated with spasticity and pain post-SCL. Scientific Reports, 2017, 7, 5884.	1.6	15
2410	Altered visual cortical processing in a mouse model of MECP2 duplication syndrome. Scientific Reports, 2017, 7, 6468.	1.6	16
2411	Enhancer of Zeste homolog 2 (EZH2) induces epithelial-mesenchymal transition in endometriosis. Scientific Reports, 2017, 7, 6804.	1.6	72
2412	Neuronal cytoskeletal gene dysregulation and mechanical hypersensitivity in a rat model of Rett syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6952-E6961.	3.3	46
2413	A Scoping Review of Health Disparities in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 3380-3391.	1.7	196
2414	Effects of GABA-B receptor positive modulator on ketamine-induced psychosis-relevant behaviors and hippocampal electrical activity in freely moving rats. Psychopharmacology, 2017, 234, 3129-3142.	1.5	7
2415	Increased glutamate/GABA+ ratio in a shared autistic and schizotypal trait phenotype termed Social Disorganisation. Neurolmage: Clinical, 2017, 16, 125-131.	1.4	35
2416	Interneuronopathies and their role in early life epilepsies and neurodevelopmental disorders. Epilepsia Open, 2017, 2, 284-306.	1.3	62
2417	Lessons from the CAGI Hopkins clinical panel challenge. Human Mutation, 2017, 38, 1155-1168.	1.1	6
2418	Formin 2 links neuropsychiatric phenotypes at young age to an increased risk for dementia. EMBO Journal, 2017, 36, 2815-2828.	3.5	45

#	ARTICLE	IF	CITATIONS
2419	Clustered organization and region-specific identities of estrogen-producing neurons in the forebrain of Zebra Finches ( <i>Taeniopygia guttata</i> ). <i>Journal of Comparative Neurology</i> , 2017, 525, 3636-3652.	0.9	22
2420	Spatial patterning of excitatory and inhibitory neuropil territories during spinal circuit development. <i>Journal of Comparative Neurology</i> , 2017, 525, 1649-1667.	0.9	4
2421	Tet-Mediated DNA Demethylation Is Required for SWI/SNF-Dependent Chromatin Remodeling and Histone-Modifying Activities That Trigger Expression of the Sp7 Osteoblast Master Gene during Mesenchymal Lineage Commitment. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	31
2422	Dynamics of RNA Polymerase II Pausing and Bivalent Histone H3 Methylation during Neuronal Differentiation in Brain Development. <i>Cell Reports</i> , 2017, 20, 1307-1318.	2.9	47
2423	GABAergic Interneuron Differentiation in the Basal Forebrain Is Mediated through Direct Regulation of Glutamic Acid Decarboxylase Isoforms by <i>Dlx</i> Homeobox Transcription Factors. <i>Journal of Neuroscience</i> , 2017, 37, 8816-8829.	1.7	54
2424	Genomic medicine and data sharing. <i>British Medical Bulletin</i> , 2017, 123, 35-45.	2.7	24
2425	Genetic Testing in Inherited Heart Diseases: Practical Considerations for Clinicians. <i>Current Cardiology Reports</i> , 2017, 19, 88.	1.3	11
2426	Developmental Dysfunction of VIP Interneurons Impairs Cortical Circuits. <i>Neuron</i> , 2017, 95, 884-895.e9.	3.8	123
2427	Inhibitors of the Histone Methyltransferases EZH2/1 Induce a Potent Antiviral State and Suppress Infection by Diverse Viral Pathogens. <i>MBio</i> , 2017, 8, .	1.8	56
2428	RNA-seq analysis of amygdala tissue reveals characteristic expression profiles in schizophrenia. <i>Translational Psychiatry</i> , 2017, 7, e1203-e1203.	2.4	63
2429	Paternal nicotine exposure defines different behavior in subsequent generation via hyper-methylation of mmu-miR-15b. <i>Scientific Reports</i> , 2017, 7, 7286.	1.6	53
2430	The Nuclear Proteome of White and Gray Matter from Schizophrenia Postmortem Brains. <i>Molecular Neuropsychiatry</i> , 2017, 3, 37-52.	3.0	32
2431	Opiates and Plasticity in the Ventral Tegmental Area. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1830-1838.	1.7	37
2432	Ethanol Exposure Regulates <i>Gabra1</i> Expression via Histone Deacetylation at the Promoter in Cultured Cortical Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 1-11.	1.3	21
2433	Decreased expression of JMJD3 predicts poor prognosis of patients with clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2017, 14, 1550-1560.	0.8	7
2434	From Peas to Disease: Modifier Genes, Network Resilience, and the Genetics of Health. <i>American Journal of Human Genetics</i> , 2017, 101, 177-191.	2.6	108
2435	Toward a conceptual framework for early brain and behavior development in autism. <i>Molecular Psychiatry</i> , 2017, 22, 1385-1394.	4.1	112
2436	Noradrenergic activation of the basolateral amygdala maintains hippocampus-dependent accuracy of remote memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9176-9181.	3.3	55

#	ARTICLE	IF	CITATIONS
2437	Glutamate Activates AMPA Receptor Conductance in the Developing Schwann Cells of the Mammalian Peripheral Nerves. <i>Journal of Neuroscience</i> , 2017, 37, 11818-11834.	1.7	8
2438	High internal noise and poor external noise filtering characterize perception in autism spectrum disorder. <i>Scientific Reports</i> , 2017, 7, 17584.	1.6	47
2439	ATP1A3 mutations can cause progressive auditory neuropathy: a new gene of auditory synaptopathy. <i>Scientific Reports</i> , 2017, 7, 16504.	1.6	50
2440	Transcriptomics reveal an integrative role for maternal thyroid hormones during zebrafish embryogenesis. <i>Scientific Reports</i> , 2017, 7, 16657.	1.6	14
2441	Differentiation of Mouse Embryonic Stem Cells into Cortical Interneuron Precursors. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	0
2442	Human CRMP4 mutation and disrupted Crmp4 expression in mice are associated with ASD characteristics and sexual dimorphism. <i>Scientific Reports</i> , 2017, 7, 16812.	1.6	18
2443	Refining the Roles of Neuroligins in Synapse Development and Function: A Reductionist Conditional Knock-out Approach. <i>Journal of Neuroscience</i> , 2017, 37, 11769-11771.	1.7	1
2444	GABAA receptor dependent synaptic inhibition rapidly tunes KCC2 activity via the Cl <sup>-</sup> -sensitive WNK1 kinase. <i>Nature Communications</i> , 2017, 8, 1776.	5.8	81
2445	Assembly of CRISPR ribonucleoproteins with biotinylated oligonucleotides via an RNA aptamer for precise gene editing. <i>Nature Communications</i> , 2017, 8, 1711.	5.8	121
2446	Clinical Application of Genetic Testing in Heart Failure. <i>Current Heart Failure Reports</i> , 2017, 14, 543-553.	1.3	6
2447	Bio-collections in autism research. <i>Molecular Autism</i> , 2017, 8, 34.	2.6	17
2448	Functional annotation of structural ncRNAs within enhancer RNAs in the human genome: implications for human disease. <i>Scientific Reports</i> , 2017, 7, 15518.	1.6	26
2449	Novel phenotypic variant in the MYH7 spectrum due to a stop-loss mutation in the C-terminal region: a case report. <i>BMC Medical Genetics</i> , 2017, 18, 105.	2.1	8
2450	Emerging Mechanisms Underlying Dynamics of GABAergic Synapses. <i>Journal of Neuroscience</i> , 2017, 37, 10792-10799.	1.7	24
2451	Developmental excitatory-to-inhibitory GABA-polarity switch is disrupted in 22q11.2 deletion syndrome: a potential target for clinical therapeutics. <i>Scientific Reports</i> , 2017, 7, 15752.	1.6	51
2452	Exome Pool-Seq in neurodevelopmental disorders. <i>European Journal of Human Genetics</i> , 2017, 25, 1364-1376.	1.4	77
2453	Theta and Alpha Oscillation Impairments in Autistic Spectrum Disorder Reflect Working Memory Deficit. <i>Scientific Reports</i> , 2017, 7, 14328.	1.6	37
2454	Expansion microscopy of zebrafish for neuroscience and developmental biology studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10799-E10808.	3.3	73

#	ARTICLE	IF	CITATIONS
2455	Active H3K27me3 demethylation by KDM6B is required for normal development of bovine preimplantation embryos. <i>Epigenetics</i> , 2017, 12, 1048-1056.	1.3	30
2456	Methods for Scarless, Selection-Free Generation of Human Cells and Allele-Specific Functional Analysis of Disease-Associated SNPs and Variants of Uncertain Significance. <i>Scientific Reports</i> , 2017, 7, 15044.	1.6	8
2457	Ketamine suppresses the proliferation of rat C6 glioma cells. <i>Oncology Letters</i> , 2017, 14, 4911-4917.	0.8	4
2458	Comprehensive genomic analysis of Oesophageal Squamous Cell Carcinoma reveals clinical relevance. <i>Scientific Reports</i> , 2017, 7, 15324.	1.6	49
2459	NitroSynapsin therapy for a mouse MEF2C haploinsufficiency model of human autism. <i>Nature Communications</i> , 2017, 8, 1488.	5.8	74
2460	Methodological standards for inÂvitro models of epilepsy and epileptic seizures. A <sc>TASK</sc>1â€<sc>WG</sc>4 report of the <sc>AES</sc>/<sc>ILAE</sc> Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017, 58, 40-52.	2.6	31
2461	EZH2 and histone deacetylase inhibitors induce apoptosis in triple negative breast cancer cells by differentially increasing H3 Lys27 acetylation in the BIM gene promoter and enhancers. <i>Oncology Letters</i> , 2017, 14, 5735-5742.	0.8	27
2462	Epigenetic silencing of IRF1 dysregulates type III interferon responses to respiratory virus infection in epithelial to mesenchymal transition. <i>Nature Microbiology</i> , 2017, 2, 17086.	5.9	46
2463	â€œPersonalized Cancer Therapyâ€ A Publicly Available Precision Oncology Resource. <i>Cancer Research</i> , 2017, 77, e123-e126.	0.4	31
2464	Aberrant Rac1-cofilin signaling mediates defects in dendritic spines, synaptic function, and sensory perception in fragile X syndrome. <i>Science Signaling</i> , 2017, 10, .	1.6	92
2465	Deficiency of the Thyroid Hormone Transporter Monocarboxylate Transporter 8 in Neural Progenitors Impairs Cellular Processes Crucial for Early Corticogenesis. <i>Journal of Neuroscience</i> , 2017, 37, 11616-11631.	1.7	19
2466	Autonomous and non-autonomous roles for ephrin-B in interneuron migration. <i>Developmental Biology</i> , 2017, 431, 179-193.	0.9	11
2468	Efferent inhibition strength is a physiological correlate of hyperacusis in children with autism spectrum disorder. <i>Journal of Neurophysiology</i> , 2017, 118, 1164-1172.	0.9	41
2469	Novel Class Ila-Selective Histone Deacetylase Inhibitors Discovered Using an in Silico Virtual Screening Approach. <i>Scientific Reports</i> , 2017, 7, 3228.	1.6	36
2470	Further characterization of the GlyT-1 inhibitor Org25935: anti-alcohol, neurobehavioral, and gene expression effects. <i>Journal of Neural Transmission</i> , 2017, 124, 607-619.	1.4	13
2471	Functional validation reveals the novel missense V419L variant in <i>TGFB2</i> associated with Loeyâ€™sâ€ Dietz syndrome (LDS) impairs canonical TGF-Î² signaling. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001727.	0.5	7
2472	A new era in the interpretation of human genomic variation. <i>Genetics in Medicine</i> , 2017, 19, 1092-1095.	1.1	34
2473	Soft Sweeps Are the Dominant Mode of Adaptation in the Human Genome. <i>Molecular Biology and Evolution</i> , 2017, 34, 1863-1877.	3.5	164

#	ARTICLE	IF	CITATIONS
2474	Loss of CDKL5 in Glutamatergic Neurons Disrupts Hippocampal Microcircuitry and Leads to Memory Impairment in Mice. <i>Journal of Neuroscience</i> , 2017, 37, 7420-7437.	1.7	69
2475	Neuromagnetic responses to tactile stimulation of the fingers: Evidence for reduced cortical inhibition for children with Autism Spectrum Disorder and children with epilepsy. <i>NeuroImage: Clinical</i> , 2017, 16, 624-633.	1.4	13
2476	Fate and freedom in developing neocortical circuits. <i>Nature Communications</i> , 2017, 8, 16042.	5.8	93
2477	Identification of pathogenic gene mutations in <i>LMNA</i> and <i>MYBPC3</i> that alter RNA splicing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7689-7694.	3.3	70
2478	Chronic mild stress impairs latent inhibition and induces region-specific neural activation in CHL1-deficient mice, a mouse model of schizophrenia. <i>Behavioural Brain Research</i> , 2017, 333, 1-8.	1.2	9
2479	Periadolescent Maturation of GABAergic Hyperpolarization at the Axon Initial Segment. <i>Cell Reports</i> , 2017, 20, 21-29.	2.9	48
2480	Using Animal Models to Study the Role of the Gut-Brain Axis in Autism. <i>Current Developmental Disorders Reports</i> , 2017, 4, 28-36.	0.9	24
2481	TET-Catalyzed 5-Hydroxymethylation Precedes HNF4A Promoter Choice during Differentiation of Bipotent Liver Progenitors. <i>Stem Cell Reports</i> , 2017, 9, 264-278.	2.3	34
2482	Glia and gliotransmitters on carbon nanotubes. <i>Nano Reviews &amp; Experiments</i> , 2017, 8, 1323853.	3.6	3
2483	Epigenetic mechanisms during ageing and neurogenesis as novel therapeutic avenues in human brain disorders. <i>Clinical Epigenetics</i> , 2017, 9, 67.	1.8	108
2484	Neuroanatomy in mouse models of Rett syndrome is related to the severity of <i>Mecp2</i> mutation and behavioral phenotypes. <i>Molecular Autism</i> , 2017, 8, 32.	2.6	30
2485	Attenuated GABAergic Signaling in Intestinal Epithelium Contributes to Pathogenesis of Ulcerative Colitis. <i>Digestive Diseases and Sciences</i> , 2017, 62, 2768-2779.	1.1	23
2486	Human Genome Sequencing at the Population Scale: A Primer on High-Throughput DNA Sequencing and Analysis. <i>American Journal of Epidemiology</i> , 2017, 186, 1000-1009.	1.6	63
2487	A Neural "Tuning Curve" for Multisensory Experience and Cognitive-Perceptual Schizotypy. <i>Schizophrenia Bulletin</i> , 2017, 43, 801-813.	2.3	48
2488	Predicting green: really radical (plant) predictive processing. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170096.	1.5	76
2489	Autism spectrum disorder and epileptic encephalopathy: common causes, many questions. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 23.	1.5	44
2490	An unsupervised learning approach for tracking mice in an enclosed area. <i>BMC Bioinformatics</i> , 2017, 18, 272.	1.2	14
2491	Transcriptome profiling reveals expression signatures of cranial neural crest cells arising from different axial levels. <i>BMC Developmental Biology</i> , 2017, 17, 5.	2.1	25

#	ARTICLE	IF	CITATIONS
2492	Transcriptional changes induced by bevacizumab combination therapy in responding and non-responding recurrent glioblastoma patients. <i>BMC Cancer</i> , 2017, 17, 278.	1.1	16
2493	A burden of rare variants in <i>BMPR2</i> and <i>KCNK3</i> contributes to a risk of familial pulmonary arterial hypertension. <i>BMC Pulmonary Medicine</i> , 2017, 17, 57.	0.8	24
2494	Neurexin 3 R451C mutation alters electroencephalography spectral activity in an animal model of autism spectrum disorders. <i>Molecular Brain</i> , 2017, 10, 10.	1.3	24
2495	A variant by any name: quantifying annotation discordance across tools and clinical databases. <i>Genome Medicine</i> , 2017, 9, 7.	3.6	58
2496	Genome annotation for clinical genomic diagnostics: strengths and weaknesses. <i>Genome Medicine</i> , 2017, 9, 49.	3.6	51
2497	Replicable in vivo physiological and behavioral phenotypes of the <i>Shank3B</i> null mutant mouse model of autism. <i>Molecular Autism</i> , 2017, 8, 26.	2.6	135
2498	Prefrontal Cortex Dysfunction in Fragile X Mice Depends on the Continued Absence of Fragile X Mental Retardation Protein in the Adult Brain. <i>Journal of Neuroscience</i> , 2017, 37, 7305-7317.	1.7	20
2499	Retrograde Synaptic Inhibition Is Mediated by $\alpha$ -Neurexin Binding to the $\alpha$ 2 $\beta$ Subunits of N-Type Calcium Channels. <i>Neuron</i> , 2017, 95, 326-340.e5.	3.8	91
2500	DNA methylation in schizophrenia in different patient-derived cell types. <i>NPJ Schizophrenia</i> , 2017, 3, 6.	2.0	25
2501	PhD-SNPg: a webserver and lightweight tool for scoring single nucleotide variants. <i>Nucleic Acids Research</i> , 2017, 45, W247-W252.	6.5	132
2502	Serotonin rebalances cortical tuning and behavior linked to autism symptoms in 15q11-13 CNV mice. <i>Science Advances</i> , 2017, 3, e1603001.	4.7	64
2503	The Behavioral and Social Sciences: Contributions and Opportunities in Academic Medicine. <i>Journal of Clinical Psychology in Medical Settings</i> , 2017, 24, 100-109.	0.8	5
2504	When Pain Hurts: Nociceptive Stimulation Induces a State of Maladaptive Plasticity and Impairs Recovery after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1873-1890.	1.7	33
2505	Understanding epigenetic architecture of suicide neurobiology: A critical perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 72, 10-27.	2.9	51
2506	Sex differences and estrogen regulation of <i>BDNF</i> gene expression, but not propeptide content, in the developing hippocampus. <i>Journal of Neuroscience Research</i> , 2017, 95, 345-354.	1.3	29
2507	Neonatal inhibition of Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> -cotransporter prevents ketamine induced spatial learning and memory impairments. <i>Neurotoxicology and Teratology</i> , 2017, 60, 82-86.	1.2	9
2508	Genetic and epigenetic factors underlying sex differences in the regulation of gene expression in the brain. <i>Journal of Neuroscience Research</i> , 2017, 95, 301-310.	1.3	103
2509	$\beta$ -Aminobutyric acid (GABA) signalling in plants. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1577-1603.	2.4	205

#	ARTICLE	IF	CITATIONS
2510	BDNF levels are increased in peripheral blood of middle-aged amateur runners with no changes on histone H4 acetylation levels. <i>Journal of Physiological Sciences</i> , 2017, 67, 681-687.	0.9	15
2511	Hypervulnerability of the adolescent prefrontal cortex to nutritional stress via reelin deficiency. <i>Molecular Psychiatry</i> , 2017, 22, 961-971.	4.1	58
2512	Ageing affects dual encoding of periodicity and envelope shape in rat inferior colliculus neurons. <i>European Journal of Neuroscience</i> , 2017, 45, 299-311.	1.2	38
2513	Human <i>RECQ</i> Helicase Pathogenic Variants, Population Variation and Missing Diseases. <i>Human Mutation</i> , 2017, 38, 193-203.	1.1	24
2514	Network mechanisms of hippocampal laterality, place coding, and goal-directed navigation. <i>Journal of Physiological Sciences</i> , 2017, 67, 247-258.	0.9	12
2515	Tracking the evolution of epialleles during neural differentiation and brain development: <i>D</i> -Aspartate oxidase as a model gene. <i>Epigenetics</i> , 2017, 12, 41-54.	1.3	21
2516	<i>De novo</i> GABRG2 mutations associated with epileptic encephalopathies. <i>Brain</i> , 2017, 140, 49-67.	3.7	80
2517	Arbaclofen in Children and Adolescents with Autism Spectrum Disorder: A Randomized, Controlled, Phase 2 Trial. <i>Neuropsychopharmacology</i> , 2017, 42, 1390-1398.	2.8	112
2518	Epigenetic Regulation of Glutamic Acid Decarboxylase 67 in a Hippocampal Circuit. <i>Cerebral Cortex</i> , 2017, 27, 5284-5293.	1.6	5
2519	The effects of prenatal H1N1 infection at E16 on FMRP, glutamate, GABA, and reelin signaling systems in developing murine cerebellum. <i>Journal of Neuroscience Research</i> , 2017, 95, 1110-1122.	1.3	11
2520	Presenilin 1 mutations influence processing and trafficking of the ApoE receptor apoER2. <i>Neurobiology of Aging</i> , 2017, 49, 145-153.	1.5	15
2521	Gamma Amino Butyric Acid Attenuates Brain Oxidative Damage Associated with Insulin Alteration in Streptozotocin-Treated Rats. <i>Indian Journal of Clinical Biochemistry</i> , 2017, 32, 207-213.	0.9	10
2522	Consensus Paper: Cerebellum and Emotion. <i>Cerebellum</i> , 2017, 16, 552-576.	1.4	393
2523	Mapping the connectivity of serotonin transporter immunoreactive axons to excitatory and inhibitory neurochemical synapses in the mouse limbic brain. <i>Brain Structure and Function</i> , 2017, 222, 1297-1314.	1.2	39
2524	EFHC1 variants in juvenile myoclonic epilepsy: reanalysis according to NHGRI and ACMG guidelines for assigning disease causality. <i>Genetics in Medicine</i> , 2017, 19, 144-156.	1.1	34
2525	Maternal Exposure to Valproic Acid Primarily Targets Interneurons Followed by Late Effects on Neurogenesis in the Hippocampal Dentate Gyrus in Rat Offspring. <i>Neurotoxicity Research</i> , 2017, 31, 46-62.	1.3	24
2526	Alleviation of N-Methyl-d-Aspartate Receptor-Dependent Long-Term Depression via Regulation of the Glycogen Synthase Kinase-3 $\beta$ Pathway in the Amygdala of a Valproic Acid-Induced Animal Model of Autism. <i>Molecular Neurobiology</i> , 2017, 54, 5264-5276.	1.9	25
2527	Does puberty mark a transition in sensitive periods for plasticity in the associative neocortex?. <i>Brain Research</i> , 2017, 1654, 123-144.	1.1	137

#	ARTICLE	IF	CITATIONS
2528	DLX1 acts as a crucial target of FOXM1 to promote ovarian cancer aggressiveness by enhancing TGF- $\beta$ 2/SMAD4 signaling. <i>Oncogene</i> , 2017, 36, 1404-1416.	2.6	43
2529	GABAergic Regulation of Adult Hippocampal Neurogenesis. <i>Molecular Neurobiology</i> , 2017, 54, 5497-5510.	1.9	59
2530	Reduced GABA and altered somatosensory function in children with autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 608-619.	2.1	174
2531	Epigenetic impacts of endocrine disruptors in the brain. <i>Frontiers in Neuroendocrinology</i> , 2017, 44, 1-26.	2.5	66
2532	Peripheral nerve injury induces adult brain neurogenesis and remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 299-314.	1.6	22
2533	Aberrant Cerebellar Connectivity in Bipolar Disorder With Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 438-448.	1.1	35
2534	Aberrant Oscillatory Synchrony Is Biased Toward Specific Frequencies and Processing Domains in the Autistic Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 245-252.	1.1	11
2535	Developmental plasticity shapes synaptic phenotypes of autism-associated neuroligin-3 mutations in the calyx of Held. <i>Molecular Psychiatry</i> , 2017, 22, 1483-1491.	4.1	41
2536	Thalamocortical Dysconnectivity in Autism Spectrum Disorder: An Analysis of the Autism Brain Imaging Data Exchange. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 76-84.	1.1	85
2537	Exploring the relationship between cortical GABA concentrations, auditory gamma-band responses and development in ASD: Evidence for an altered maturational trajectory in ASD. <i>Autism Research</i> , 2017, 10, 593-607.	2.1	69
2538	Histone Lysine Demethylases of JMJD2 or KDM4 Family are Important Epigenetic Regulators in Reward Circuitry in the Etiopathology of Depression. <i>Neuropsychopharmacology</i> , 2017, 42, 854-863.	2.8	39
2539	Activating glutamate decarboxylase activity by removing the autoinhibitory domain leads to hyper $\beta$ -aminobutyric acid (GABA) accumulation in tomato fruit. <i>Plant Cell Reports</i> , 2017, 36, 103-116.	2.8	33
2540	Body fluid levels of neuroactive amino acids in autism spectrum disorders: a review of the literature. <i>Amino Acids</i> , 2017, 49, 57-65.	1.2	64
2541	Neurophysiology and Regulation of the Balance Between Excitation and Inhibition in Neocortical Circuits. <i>Biological Psychiatry</i> , 2017, 81, 821-831.	0.7	135
2542	Novel Shank3 mutant exhibits behaviors with face validity for autism and altered striatal and hippocampal function. <i>Autism Research</i> , 2017, 10, 42-65.	2.1	101
2543	Reelin Expression in Creutzfeldt-Jakob Disease and Experimental Models of Transmissible Spongiform Encephalopathies. <i>Molecular Neurobiology</i> , 2017, 54, 6412-6425.	1.9	2
2544	Regulation of GABAergic synapse development by postsynaptic membrane proteins. <i>Brain Research Bulletin</i> , 2017, 129, 30-42.	1.4	37
2545	Sexually Dimorphic Expression of Reelin in the Brain of a Mouse Model of Alzheimer Disease. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 359-367.	1.1	7

#	ARTICLE	IF	CITATIONS
2546	Transcriptional Selectivity of Epigenetic Therapy in Cancer. <i>Cancer Research</i> , 2017, 77, 470-481.	0.4	53
2547	Alternative Splicing of EZH2 pre-mRNA by SF3B3 Contributes to the Tumorigenic Potential of Renal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 3428-3441.	3.2	109
2548	Targeting histone methylation for colorectal cancer. <i>Therapeutic Advances in Gastroenterology</i> , 2017, 10, 114-131.	1.4	35
2549	Current status in cancer cell reprogramming and its clinical implications. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 371-383.	1.2	16
2550	Acute Exposure to Pacific Ciguatoxin Reduces Electroencephalogram Activity and Disrupts Neurotransmitter Metabolic Pathways in Motor Cortex. <i>Molecular Neurobiology</i> , 2017, 54, 5590-5603.	1.9	8
2551	Myelination of parvalbumin interneurons: a parsimonious locus of pathophysiological convergence in schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 4-12.	4.1	94
2552	mutLBSgeneDB: mutated ligand binding site gene DataBase. <i>Nucleic Acids Research</i> , 2017, 45, D256-D263.	6.5	21
2553	Dopamine receptor D4 promoter hypermethylation increases the risk of drug addiction. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2128-2133.	0.8	7
2554	Fragility Extraordinaire: Unsolved Mysteries of Chromosome Fragile Sites. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1042, 489-526.	0.8	17
2555	NMDA receptor-dependent presynaptic inhibition at the calyx of Held synapse of rat pups. <i>Open Biology</i> , 2017, 7, 170032.	1.5	6
2556	Cortical high gamma network oscillations and connectivity: a translational index for antipsychotics to normalize aberrant neurophysiological activity. <i>Translational Psychiatry</i> , 2017, 7, 1285.	2.4	47
2557	Estimating the occurrence of primary ubiquinone deficiency by analysis of large-scale sequencing data. <i>Scientific Reports</i> , 2017, 7, 17744.	1.6	31
2558	Psychiatric polygenic risk associates with cortical morphology and functional organization in aging. <i>Translational Psychiatry</i> , 2017, 7, 1276.	2.4	8
2559	Proteolytic cleavage of transmembrane cell adhesion molecule L1 by extracellular matrix molecule Reelin is important for mouse brain development. <i>Scientific Reports</i> , 2017, 7, 15268.	1.6	21
2560	The Diversity of REcent and Ancient huMan (DREAM): A New Microarray for Genetic Anthropology and Genealogy, Forensics, and Personalized Medicine. <i>Genome Biology and Evolution</i> , 2017, 9, 3225-3237.	1.1	9
2561	Simultaneous inference of phenotype-associated genes and relevant tissues from GWAS data via Bayesian integration of multiple tissue-specific gene networks. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 436-452.	1.5	10
2562	Identification of a CARM1 Inhibitor with Potent In Vitro and In Vivo Activity in Preclinical Models of Multiple Myeloma. <i>Scientific Reports</i> , 2017, 7, 17993.	1.6	85
2563	Expression of EZH2 is associated with poor outcome in colorectal cancer. <i>Oncology Letters</i> , 2018, 15, 2953-2961.	0.8	27

#	ARTICLE	IF	CITATIONS
2564	DNA Methylation and Adult Neurogenesis. <i>Brain Plasticity</i> , 2017, 3, 5-26.	1.9	56
2565	Investigating Cortical Inhibition in First-Degree Relatives and Proband in Schizophrenia. <i>Scientific Reports</i> , 2017, 7, 43629.	1.6	17
2566	Rapid clinical diagnostic variant investigation of genomic patient sequencing data with <i>iobio</i> web tools. <i>Journal of Clinical and Translational Science</i> , 2017, 1, 381-386.	0.3	6
2567	Neuropathic pain after chronic nerve constriction may not correlate with chloride dysregulation in mouse trigeminal nucleus caudalis neurons. <i>Pain</i> , 2017, 158, 1366-1372.	2.0	14
2568	Reduced Inhibition within Layer IV of Sert Knockout Rat Barrel Cortex is Associated with Faster Sensory Integration. <i>Cerebral Cortex</i> , 2017, 27, 933-949.	1.6	33
2569	Detection of somatic variants and <i>EGFR</i> mutations in cell-free DNA from non-small cell lung cancer patients by ultra-deep sequencing using the ion ampliseq cancer hotspot panel and droplet digital polymerase chain reaction. <i>Oncotarget</i> , 2017, 8, 106901-106912.	0.8	20
2570	Advances in epigenetic glioblastoma therapy. <i>Oncotarget</i> , 2017, 8, 18577-18589.	0.8	75
2571	Spatial distribution of disease-associated variants in three-dimensional structures of protein complexes. <i>Oncogenesis</i> , 2017, 6, e380-e380.	2.1	20
2572	A critical period for antidepressant-induced acceleration of neuronal maturation in adult dentate gyrus. <i>Translational Psychiatry</i> , 2017, 7, e1235-e1235.	2.4	14
2573	Reelin expression in human liver of patients with chronic hepatitis C infection. <i>European Journal of Histochemistry</i> , 2017, 61, 2745.	0.6	18
2574	Opiate Analgesics as Negative Modulators of Adult Hippocampal Neurogenesis: Potential Implications in Clinical Practice. <i>Frontiers in Pharmacology</i> , 2017, 8, 254.	1.6	23
2575	Plastic and Neuroprotective Mechanisms Involved in the Therapeutic Effects of Cannabidiol in Psychiatric Disorders. <i>Frontiers in Pharmacology</i> , 2017, 8, 269.	1.6	116
2576	Neuronal Voltage Gated Potassium Channels May Modulate Nitric Oxide Synthesis in Corpus Cavernosum. <i>Frontiers in Pharmacology</i> , 2017, 8, 297.	1.6	4
2577	Warfarin Anticoagulation Therapy in Caribbean Hispanics of Puerto Rico: A Candidate Gene Association Study. <i>Frontiers in Pharmacology</i> , 2017, 8, 347.	1.6	18
2578	Phenotypic Screening Identifies Synergistically Acting Natural Product Enhancing the Performance of Biomaterial Based Wound Healing. <i>Frontiers in Pharmacology</i> , 2017, 8, 433.	1.6	2
2579	Phenotypic Screen Identifies a Small Molecule Modulating ERK2 and Promoting Stem Cell Proliferation. <i>Frontiers in Pharmacology</i> , 2017, 8, 726.	1.6	3
2580	Paired-Associative Stimulation-Induced Long-term Potentiation-Like Motor Cortex Plasticity in Healthy Adolescents. <i>Frontiers in Psychiatry</i> , 2017, 8, 95.	1.3	9
2581	Neurexins Nlg2 and Nlg4 Affect Social Behavior in <i>Drosophila melanogaster</i> . <i>Frontiers in Psychiatry</i> , 2017, 8, 113.	1.3	18

#	ARTICLE	IF	CITATIONS
2582	GABAergic Mechanisms in Schizophrenia: Linking Postmortem and In Vivo Studies. <i>Frontiers in Psychiatry</i> , 2017, 8, 118.	1.3	119
2583	When loss-of-function is loss of function: assessing mutational signatures and impact of loss-of-function genetic variants. <i>Bioinformatics</i> , 2017, 33, i389-i398.	1.8	53
2584	The Role of BiP Retrieval by the KDEL Receptor in the Early Secretory Pathway and its Effect on Protein Quality Control and Neurodegeneration. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 222.	1.4	35
2585	Caucasian Families Exhibit Significant Linkage of Myopia to Chromosome 11p. , 2017, 58, 3547.		11
2586	Reelin promotes adhesion of multiple myeloma cells to bone marrow stromal cells via integrin $\alpha 1$ signaling. <i>Journal of Cancer</i> , 2017, 8, 2212-2222.	1.2	8
2587	Emerging Synaptic Molecules as Candidates in the Etiology of Neurological Disorders. <i>Neural Plasticity</i> , 2017, 2017, 1-25.	1.0	57
2588	The Genetic Basis of Pericentral Retinitis Pigmentosa—A Form of Mild Retinitis Pigmentosa. <i>Genes</i> , 2017, 8, 256.	1.0	34
2589	Towards a Better Understanding of GABAergic Remodeling in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1813.	1.8	139
2590	Dysbindin-1 Involvement in the Etiology of Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2044.	1.8	30
2591	E-Learning for Rare Diseases: An Example Using Fabry Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2049.	1.8	3
2592	Fibrinogen as a Pleiotropic Protein Causing Human Diseases: The Mutational Burden of $\alpha 1$ , $\beta 2$ , and $\gamma 3$ Chains. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2711.	1.8	36
2593	The Roles of Histone Demethylase Jmjd3 in Osteoblast Differentiation and Apoptosis. <i>Journal of Clinical Medicine</i> , 2017, 6, 24.	1.0	14
2594	Gamma-Aminobutyric Acid Increases the Production of Short-Chain Fatty Acids and Decreases pH Values in Mouse Colon. <i>Molecules</i> , 2017, 22, 653.	1.7	21
2595	Effects of Aged Garlic Extract on Cholinergic, Glutamatergic and GABAergic Systems with Regard to Cognitive Impairment in $\text{Al}^{2}$ -Induced Rats. <i>Nutrients</i> , 2017, 9, 686.	1.7	46
2596	Histone Lysine Methylation and Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1404.	1.8	53
2597	EZH2 in Cancer Progression and Potential Application in Cancer Therapy: A Friend or Foe?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1172.	1.8	73
2598	Pharmacologic Targeting of Chromatin Modulators As Therapeutics of Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2017, 7, 241.	1.3	21
2599	DNA Methylation Targeting: The DNMT/HMT Crosstalk Challenge. <i>Biomolecules</i> , 2017, 7, 3.	1.8	113

#	ARTICLE	IF	CITATIONS
2600	Neural Hyperexcitability in Autism Spectrum Disorders. <i>Brain Sciences</i> , 2017, 7, 129.	1.1	55
2601	Atypical Processing of Novel Distracters in a Visual Oddball Task in Autism Spectrum Disorder. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2017, 7, 79.	1.0	11
2602	Primary Cilia as a Possible Link between Left-Right Asymmetry and Neurodevelopmental Diseases. <i>Genes</i> , 2017, 8, 48.	1.0	36
2603	Primetime for Learning Genes. <i>Genes</i> , 2017, 8, 69.	1.0	10
2604	Chromatin Switches during Neural Cell Differentiation and Their Dysregulation by Prenatal Alcohol Exposure. <i>Genes</i> , 2017, 8, 137.	1.0	17
2605	MYCâ€™Master Regulator of the Cancer Epigenome and Transcriptome. <i>Genes</i> , 2017, 8, 142.	1.0	107
2606	Variability of DNA Methylation within Schizophrenia Risk Loci across Subregions of Human Hippocampus. <i>Genes</i> , 2017, 8, 143.	1.0	10
2607	Maternal Factors that Induce Epigenetic Changes Contribute to Neurological Disorders in Offspring. <i>Genes</i> , 2017, 8, 150.	1.0	90
2608	DNA Methylation Profiling of Human Prefrontal Cortex Neurons in Heroin Users Shows Significant Difference between Genomic Contexts of Hyper- and Hypomethylation and a Younger Epigenetic Age. <i>Genes</i> , 2017, 8, 152.	1.0	66
2609	Clinical and Genetic Evaluation of a Cohort of Pediatric Patients with Severe Inherited Retinal Dystrophies. <i>Genes</i> , 2017, 8, 280.	1.0	23
2610	Role of Splice Variants of Ctf2i, a Transcription Factor Localizing at Postsynaptic Sites, and Its Relation to Neuropsychiatric Diseases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 411.	1.8	11
2611	Theranostic Biomarkers for Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 733.	1.8	78
2612	Unbalance between Excitation and Inhibition in Phenylketonuria, a Genetic Metabolic Disease Associated with Autism. <i>International Journal of Molecular Sciences</i> , 2017, 18, 941.	1.8	10
2613	Aberrant DNA Methylation as a Biomarker and a Therapeutic Target of Cholangiocarcinoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1111.	1.8	39
2614	Semi-Quantitative Mass Spectrometry in AML Cells Identifies New Non-Genomic Targets of the EZH2 Methyltransferase. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1440.	1.8	7
2615	Potential Role of Microtubule Stabilizing Agents in Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1627.	1.8	28
2616	Polycomb Repressor Complex 2 in Genomic Instability and Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1657.	1.8	37
2617	Transient oxytocin signaling primes the development and function of excitatory hippocampal neurons. <i>ELife</i> , 2017, 6, .	2.8	63

#	ARTICLE	IF	CITATIONS
2618	Ion Channels of Pituitary Gonadotrophs and Their Roles in Signaling and Secretion. <i>Frontiers in Endocrinology</i> , 2017, 8, 126.	1.5	41
2619	Dysbindin Deficiency Modifies the Expression of GABA Neuron and Ion Permeation Transcripts in the Developing Hippocampus. <i>Frontiers in Genetics</i> , 2017, 8, 28.	1.1	21
2620	Dopaminergic Neurons in the Main Olfactory Bulb: An Overview from an Electrophysiological Perspective. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 7.	0.9	51
2621	The Functioning of a Cortex without Layers. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 54.	0.9	51
2622	Cornu Ammonis Regions—Antecedents of Cortical Layers?. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 83.	0.9	11
2623	A Radial Glia Fascicle Leads Principal Neurons from the Pallial-Subpallial Boundary into the Developing Human Insula. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 111.	0.9	18
2624	Stress and the Emerging Roles of Chromatin Remodeling in Signal Integration and Stable Transmission of Reversible Phenotypes. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 41.	1.0	57
2625	Reelin-Haploinsufficiency Disrupts the Developmental Trajectory of the E/I Balance in the Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2017, 10, 308.	1.8	20
2626	Epigenetic Modulation of Stem Cells in Neurodevelopment: The Role of Methylation and Acetylation. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 23.	1.8	73
2627	The GABAergic Hypothesis for Cognitive Disabilities in Down Syndrome. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 54.	1.8	106
2628	Microglial Intracellular Ca <sup>2+</sup> Signaling in Synaptic Development and its Alterations in Neurodevelopmental Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 69.	1.8	40
2629	Calcium-Dependent and Synapsin-Dependent Pathways for the Presynaptic Actions of BDNF. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 75.	1.8	18
2630	HCN Channel Modulation of Synaptic Integration in GABAergic Interneurons in Malformed Rat Neocortex. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 109.	1.8	17
2631	Differentiation of Human Induced Pluripotent Stem Cell (hiPSC)-Derived Neurons in Mouse Hippocampal Slice Cultures. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 143.	1.8	20
2632	Reelin Signaling Inactivates Cofilin to Stabilize the Cytoskeleton of Migrating Cortical Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 148.	1.8	37
2633	Postsynaptic GABA(B) Receptors Contribute to the Termination of Giant Depolarizing Potentials in CA3 Neonatal Rat Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 179.	1.8	8
2634	The BDNF val-66-met Polymorphism Affects Neuronal Morphology and Synaptic Transmission in Cultured Hippocampal Neurons from Rett Syndrome Mice. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 203.	1.8	8
2635	Developmental Shift of Inhibitory Transmitter Content at a Central Auditory Synapse. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 211.	1.8	9

#	ARTICLE	IF	CITATIONS
2636	Differential SLC1A2 Promoter Methylation in Bipolar Disorder With or Without Addiction. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 217.	1.8	26
2637	Early Correlated Network Activity in the Hippocampus: Its Putative Role in Shaping Neuronal Circuits. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 255.	1.8	45
2638	Uncorrelated Neural Firing in Mouse Visual Cortex during Spontaneous Retinal Waves. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 289.	1.8	16
2639	Taurine as an Essential Neuromodulator during Perinatal Cortical Development. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 328.	1.8	55
2640	The Thymus/Neocortex Hypothesis of the Brain: A Cell Basis for Recognition and Instruction of Self. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 340.	1.8	3
2641	Fundamental Elements in Autism: From Neurogenesis and Neurite Growth to Synaptic Plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 359.	1.8	192
2642	Modulation of Neocortical Development by Early Neuronal Activity: Physiology and Pathophysiology. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 379.	1.8	63
2643	Differentiation-Dependent Motility-Responses of Developing Neural Progenitors to Optogenetic Stimulation. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 401.	1.8	3
2644	The Slow Dynamics of Intracellular Sodium Concentration Increase the Time Window of Neuronal Integration: A Simulation Study. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 85.	1.2	18
2645	The Effects of GABAergic Polarity Changes on Episodic Neural Network Activity in Developing Neural Systems. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 88.	1.2	7
2646	The Subiculum: A Potential Site of Ictogenesis in a Neonatal Seizure Model. <i>Frontiers in Neurology</i> , 2017, 8, 147.	1.1	3
2647	Structural Covariance of Sensory Networks, the Cerebellum, and Amygdala in Autism Spectrum Disorder. <i>Frontiers in Neurology</i> , 2017, 8, 615.	1.1	33
2648	Transcranial Electric Stimulation for Precision Medicine: A Spatiomechanistic Framework. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 159.	1.0	26
2649	Neurodevelopmental Hypothesis about the Etiology of Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 354.	1.0	36
2650	Variation in Gene Expression in Autism Spectrum Disorders: An Extensive Review of Transcriptomic Studies. <i>Frontiers in Neuroscience</i> , 2016, 10, 601.	1.4	80
2651	Abnormal Size-Dependent Modulation of Motion Perception in Children with Autism Spectrum Disorder (ASD). <i>Frontiers in Neuroscience</i> , 2017, 11, 164.	1.4	18
2652	Cross Talk: The Microbiota and Neurodevelopmental Disorders. <i>Frontiers in Neuroscience</i> , 2017, 11, 490.	1.4	194
2653	The Histamine H1 Receptor Participates in the Increased Dorsal Telencephalic Neurogenesis in Embryos from Diabetic Rats. <i>Frontiers in Neuroscience</i> , 2017, 11, 676.	1.4	15

#	ARTICLE	IF	CITATIONS
2654	Rostro-Caudal and Caudo-Rostral Migrations in the Telencephalon: Going Forward or Backward?. <i>Frontiers in Neuroscience</i> , 2017, 11, 692.	1.4	12
2655	Differential Behavioral and Neurobiological Effects of Chronic Corticosterone Treatment in Adolescent and Adult Rats. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 25.	1.4	23
2656	Inhibition of H3K27me3 Histone Demethylase Activity Prevents the Proliferative Regeneration of Zebrafish Lateral Line Neuromasts. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 51.	1.4	18
2657	Functional Roles of the Interaction of APP and Lipoprotein Receptors. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 54.	1.4	58
2658	Analysis of the Serotonergic System in a Mouse Model of Rett Syndrome Reveals Unusual Upregulation of Serotonin Receptor 5b. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 61.	1.4	25
2659	The Pathophysiological Role of Microglia in Dynamic Surveillance, Phagocytosis and Structural Remodeling of the Developing CNS. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 191.	1.4	188
2660	Striatal Transcriptome and Interactome Analysis of Shank3-overexpressing Mice Reveals the Connectivity between Shank3 and mTORC1 Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 201.	1.4	48
2661	A Critical Period for the Rapid Modification of Synaptic Properties at the VPM Relay Synapse. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 238.	1.4	4
2662	Chromatin Remodeling BAF (SWI/SNF) Complexes in Neural Development and Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 243.	1.4	170
2663	The Histone H3K27 Demethylase UTX Regulates Synaptic Plasticity and Cognitive Behaviors in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 267.	1.4	55
2664	Dysregulation of Alternative Poly-adenylation as a Potential Player in Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 279.	1.4	13
2665	Distinct Activities of Tfp2A and Tfp2B in the Specification of GABAergic Interneurons in the Developing Cerebellum. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 281.	1.4	32
2666	MeCP2 Deficiency in Neuroglia: New Progress in the Pathogenesis of Rett Syndrome. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 316.	1.4	37
2667	MicroRNA-Mediated Regulation of ITGB3 and CHL1 Is Implicated in SSRI Action. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 355.	1.4	20
2668	Combination Therapy in Fragile X Syndrome; Possibilities and Pitfalls Illustrated by Targeting the mGluR5 and GABA Pathway Simultaneously. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 368.	1.4	15
2669	Modulation of Synaptic Plasticity in the Cortex Needs to Understand All the Players. <i>Frontiers in Synaptic Neuroscience</i> , 2017, 9, 2.	1.3	57
2670	The Influence of Regional Distribution and Pharmacologic Specificity of GABAAR Subtype Expression on Anesthesia and Emergence. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 58.	1.2	16
2671	Inhibition of DNA and Histone Methylation by 5-Aza-2-Deoxycytidine (Decitabine) and 3-Deazaneplanocin-A on Antineoplastic Action and Gene Expression in Myeloid Leukemic Cells. <i>Frontiers in Oncology</i> , 2017, 7, 19.	1.3	22

#	ARTICLE	IF	CITATIONS
2672	Targeting the Metabolic Reprogramming That Controls Epithelial-to-Mesenchymal Transition in Aggressive Tumors. <i>Frontiers in Oncology</i> , 2017, 7, 40.	1.3	101
2673	Resources for Interpreting Variants in Precision Genomic Oncology Applications. <i>Frontiers in Oncology</i> , 2017, 7, 214.	1.3	18
2674	Autism-Like Behaviours and Memory Deficits Result from a Western Diet in Mice. <i>Neural Plasticity</i> , 2017, 2017, 1-14.	1.0	27
2675	A Case-Control Study of the Association between Polymorphisms in the Fibrinogen Alpha Chain Gene and Schizophrenia. <i>Disease Markers</i> , 2017, 2017, 1-5.	0.6	4
2676	Epigenetic Manipulation Facilitates the Generation of Skeletal Muscle Cells from Pluripotent Stem Cells. <i>Stem Cells International</i> , 2017, 2017, 1-8.	1.2	5
2677	Social Isolation Alters Social and Mating Behavior in the R451C Neuroligin Mouse Model of Autism. <i>Neural Plasticity</i> , 2017, 2017, 1-9.	1.0	14
2678	Genetic Mutations and Epigenetic Modifications: Driving Cancer and Informing Precision Medicine. <i>BioMed Research International</i> , 2017, 2017, 1-18.	0.9	40
2679	Circadian Plasticity of Mammalian Inhibitory Interneurons. <i>Neural Plasticity</i> , 2017, 2017, 1-12.	1.0	12
2680	Evidence of Mitochondrial Dysfunction in Autism: Biochemical Links, Genetic-Based Associations, and Non-Energy-Related Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	65
2681	Silent synapses generate sparse and orthogonal action potential firing in adult-born hippocampal granule cells. <i>ELife</i> , 2017, 6, .	2.8	42
2682	Native KCC2 interactome reveals PACSIN1 as a critical regulator of synaptic inhibition. <i>ELife</i> , 2017, 6, .	2.8	44
2683	Fluorescence imaging of synapse dynamics in normal circuit maturation and in developmental disorders. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2017, 93, 483-497.	1.6	11
2684	Clinical significance of CMTM4 expression in hepatocellular carcinoma. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 5439-5443.	1.0	25
2685	eDGAR: a database of Disease-Gene Associations with annotated Relationships among genes. <i>BMC Genomics</i> , 2017, 18, 554.	1.2	52
2686	Altered GABAergic Signaling in Brain Disease at Various Stages of Life. <i>Experimental Neurobiology</i> , 2017, 26, 122-131.	0.7	49
2687	Participation of central GABA <sub>A</sub> receptors in the trigeminal processing of mechanical allodynia in rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 65.	0.6	7
2688	Discovery and Molecular Basis of a Diverse Set of Polycomb Repressive Complex 2 Inhibitors Recognition by EED. <i>PLoS ONE</i> , 2017, 12, e0169855.	1.1	36
2689	Rare mutations and potentially damaging missense variants in genes encoding fibrillar collagens and proteins involved in their production are candidates for risk for preterm premature rupture of membranes. <i>PLoS ONE</i> , 2017, 12, e0174356.	1.1	14

#	ARTICLE	IF	CITATIONS
2690	Epigenetically repressing human cytomegalovirus lytic infection and reactivation from latency in THP-1 model by targeting H3K9 and H3K27 histone demethylases. <i>PLoS ONE</i> , 2017, 12, e0175390.	1.1	24
2691	The equilibrium between antagonistic signaling pathways determines the number of synapses in <i>Drosophila</i> . <i>PLoS ONE</i> , 2017, 12, e0184238.	1.1	20
2692	Chronic obstructive pulmonary disease candidate gene prioritization based on metabolic networks and functional information. <i>PLoS ONE</i> , 2017, 12, e0184299.	1.1	6
2693	Is functional brain connectivity atypical in autism? A systematic review of EEG and MEG studies. <i>PLoS ONE</i> , 2017, 12, e0175870.	1.1	230
2694	Generalized Status Epilepticus in a Patient with Acute-onset Type 1 Diabetes Mellitus Associated with Severe Kidney Dysfunction: A Case Report and Literature Review. <i>Internal Medicine</i> , 2017, 56, 1993-1999.	0.3	1
2695	Functional significance of rare neuroligin 1 variants found in autism. <i>PLoS Genetics</i> , 2017, 13, e1006940.	1.5	76
2696	Longistylone C acts antidepressant in vivo and neuroprotection in vitro against glutamate-induced cytotoxicity by regulating NMDAR/NR2B-ERK pathway in PC12 cells. <i>PLoS ONE</i> , 2017, 12, e0183702.	1.1	26
2697	Actin polymerization is reduced in the anterior cingulate cortex of elderly patients with schizophrenia. <i>Translational Psychiatry</i> , 2017, 7, 1278.	2.4	18
2698	Spectrum of mutations in monogenic diabetes genes identified from high-throughput DNA sequencing of 6888 individuals. <i>BMC Medicine</i> , 2017, 15, 213.	2.3	75
2699	Multitype Bellman-Harris branching model provides biological predictors of early stages of adult hippocampal neurogenesis. <i>BMC Systems Biology</i> , 2017, 11, 90.	3.0	15
2700	Novel insights into chromosomal conformations in cancer. <i>Molecular Cancer</i> , 2017, 16, 173.	7.9	35
2701	EARLY gestational exposure to isoflurane causes persistent cell loss in the dentate gyrus of adult male rats. <i>Behavioral and Brain Functions</i> , 2017, 13, 14.	1.4	9
2702	Role of GABAA receptors in alcohol use disorders suggested by chronic intermittent ethanol (CIE) rodent model. <i>Molecular Brain</i> , 2017, 10, 45.	1.3	78
2703	Association of a novel point mutation in MSH2 gene with familial multiple primary cancers. <i>Journal of Hematology and Oncology</i> , 2017, 10, 158.	6.9	4
2704	Intersociety policy statement on the use of whole-exome sequencing in the critically ill newborn infant. <i>Italian Journal of Pediatrics</i> , 2017, 43, 100.	1.0	51
2705	Neuroepigenetic mechanisms in disease. <i>Epigenetics and Chromatin</i> , 2017, 10, 47.	1.8	52
2706	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. <i>Genome Medicine</i> , 2017, 9, 97.	3.6	23
2707	Developmental disruption of amygdala transcriptome and socioemotional behavior in rats exposed to valproic acid prenatally. <i>Molecular Autism</i> , 2017, 8, 42.	2.6	49

#	ARTICLE	IF	CITATIONS
2708	EZH2 inhibition in ARID1A mutated clear cell and endometrioid ovarian and endometrioid endometrial cancers. <i>Gynecologic Oncology Research and Practice</i> , 2017, 4, 17.	3.6	34
2709	Evaluation of in silico algorithms for use with ACMG/AMP clinical variant interpretation guidelines. <i>Genome Biology</i> , 2017, 18, 225.	3.8	185
2710	KCC2 downregulation facilitates epileptic seizures. <i>Scientific Reports</i> , 2017, 7, 156.	1.6	80
2711	Variant Ranker: a web-tool to rank genomic data according to functional significance. <i>BMC Bioinformatics</i> , 2017, 18, 341.	1.2	21
2712	Using variant databases for variant prioritization and to detect erroneous genotype-phenotype associations. <i>BMC Bioinformatics</i> , 2017, 18, 535.	1.2	8
2713	Puritan's View of the "Mange À Trois". <i>Epilepsy Currents</i> , 2017, 17, 115-117.	0.4	1
2714	Electrical activity controls area-specific expression of neuronal apoptosis in the mouse developing cerebral cortex. <i>ELife</i> , 2017, 6, .	2.8	91
2715	Epigenetic Interactions between Alcohol and Cannabinergic Effects: Focus on Histone Modification and DNA Methylation. <i>Journal of Alcoholism and Drug Dependence</i> , 2017, 05, .	0.2	12
2716	Making Connections with GABA. <i>Epilepsy Currents</i> , 2017, 17, 377-378.	0.4	1
2717	Comparative analysis of primary <i>versus</i> relapse/refractory DLBCL identifies shifts in mutation spectrum. <i>Oncotarget</i> , 2017, 8, 99237-99244.	0.8	23
2718	eHealth as a Facilitator of Precision Medicine in Epilepsy. <i>Biomedicine Hub</i> , 2017, 2, 1-9.	0.4	2
2719	The involvement of DARPP-32 in the pathophysiology of schizophrenia. <i>Oncotarget</i> , 2017, 8, 53791-53803.	0.8	22
2720	Developing selective histone deacetylases (HDACs) inhibitors through ebsele and analogs. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1369-1382.	2.0	25
2721	Multicenter Validation of Enhancer of Zeste Homolog 2 Expression as an Independent Prognostic Marker in Localized Clear Cell Renal Cell Carcinoma. <i>Journal of Clinical Oncology</i> , 2017, 35, 3706-3713.	0.8	34
2722	Influence of gut microbiota on neuropsychiatric disorders. <i>World Journal of Gastroenterology</i> , 2017, 23, 5486.	1.4	286
2723	Next generation sequencing analysis of patients with familial cervical artery dissection. <i>European Stroke Journal</i> , 2017, 2, 137-143.	2.7	23
2724	A higher degree of expression of DNA methyl transferase 1 in cervical cancer is associated with poor survival outcome. <i>International Journal of Women's Health</i> , 2017, Volume 9, 413-420.	1.1	26
2725	Rethinking the Epigenetic Framework to Unravel the Molecular Pathology of Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 790.	1.8	14

#	ARTICLE	IF	CITATIONS
2726	Advances in sarcoma diagnostics and treatment. <i>Oncotarget</i> , 2017, 8, 7068-7093.	0.8	89
2727	Characterization of the influence of age on GABAA and glutamatergic mediated functions in the dorsolateral prefrontal cortex using paired-pulse TMS-EEG. <i>Aging</i> , 2017, 9, 556-572.	1.4	47
2728	Inhibitor of H3K27 demethylase JMJD3/UTX GSK-J4 is a potential therapeutic option for castration resistant prostate cancer. <i>Oncotarget</i> , 2017, 8, 62131-62142.	0.8	50
2729	Consistency of <i>BRCA1</i> and <i>BRCA2</i> Variant Classifications Among Clinical Diagnostic Laboratories. <i>JCO Precision Oncology</i> , 2017, 1, 1-10.	1.5	24
2730	è†ªâ€šç™«ç—«âœªâ•©é½¿ç±»â©žéªŒâš“ç%©âšçš,,æ“;âž«â’ŒæžŒæµκ. <i>Zoological Research</i> , 2017, 38, 171-179.0.9	0.9	10
2731	The HDAC inhibitor valproate induces a bivalent status of the CD20 promoter in CLL patients suggesting distinct epigenetic regulation of CD20 expression in CLL in vivo. <i>Oncotarget</i> , 2017, 8, 37409-37422.	0.8	14
2732	Missense is No Nonsense for Epileptic Encephalopathies. <i>Epilepsy Currents</i> , 2017, 17, 171-173.	0.4	1
2733	Cellular plasticity and the neuroendocrine phenotype in prostate cancer. <i>Nature Reviews Urology</i> , 2018, 15, 271-286.	1.9	273
2734	Dual Diagnosis of Ellis-van Creveld Syndrome and Hearing Loss in a Consanguineous Family. <i>Molecular Syndromology</i> , 2018, 9, 5-14.	0.3	12
2735	Identifying noncoding risk variants using disease-relevant gene regulatory networks. <i>Nature Communications</i> , 2018, 9, 702.	5.8	35
2736	Duplications at 19q13.33 in patients with neurodevelopmental disorders. <i>Neurology: Genetics</i> , 2018, 4, e210.	0.9	4
2737	Developing DNA methylation-based diagnostic biomarkers. <i>Journal of Genetics and Genomics</i> , 2018, 45, 87-97.	1.7	41
2738	Mutation in an alternative transcript of <i>CDKL5</i> in a boy with early-onset seizures. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a002360.	0.5	10
2739	COMT and GAD1 gene polymorphisms are associated with impaired antisaccade task performance in schizophrenic patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 571-584.	1.8	11
2740	Advances in Drug Discovery and Development in Geriatric Psychiatry. <i>Current Psychiatry Reports</i> , 2018, 20, 10.	2.1	5
2741	The tetrapartite synapse: a key concept in the pathophysiology of schizophrenia. <i>European Psychiatry</i> , 2018, 50, 60-69.	0.1	53
2742	Wnt/ $\beta$ -catenin signaling stimulates the expression and synaptic clustering of the autism-associated <i>Neurologin 3</i> gene. <i>Translational Psychiatry</i> , 2018, 8, 45.	2.4	27
2743	Low intensity repetitive transcranial magnetic stimulation modulates skilled motor learning in adult mice. <i>Scientific Reports</i> , 2018, 8, 4016.	1.6	23

#	ARTICLE	IF	CITATIONS
2744	Enhancer of zeste homolog 2 (EZH2) inhibitors. <i>Leukemia and Lymphoma</i> , 2018, 59, 1574-1585.	0.6	143
2745	Variant pathogenicity evaluation in the community-driven Inherited Neuropathy Variant Browser. <i>Human Mutation</i> , 2018, 39, 635-642.	1.1	13
2746	ClinVar: improving access to variant interpretations and supporting evidence. <i>Nucleic Acids Research</i> , 2018, 46, D1062-D1067.	6.5	2,746
2747	Bumetanide for autism: more eye contact, less amygdala activation. <i>Scientific Reports</i> , 2018, 8, 3602.	1.6	64
2748	Clinical testing of BRCA1 and BRCA2: a worldwide snapshot of technological practices. <i>Npj Genomic Medicine</i> , 2018, 3, 7.	1.7	44
2749	Histone Methyltransferase EZH2: A Therapeutic Target for Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 591-602.	1.9	71
2750	Maternal and Early Postnatal Immune Activation Produce Dissociable Effects on Neurotransmission in mPFC Amygdala Circuits. <i>Journal of Neuroscience</i> , 2018, 38, 3358-3372.	1.7	65
2751	Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. <i>Molecular Neurobiology</i> , 2018, 55, 7921-7940.	1.9	28
2752	Involvement of Epigenetic Modifications of GABAergic Interneurons in Basolateral Amygdala in Anxiety-like Phenotype of Prenatally Stressed Mice. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 570-581.	1.0	20
2753	Behavioral and neuroanatomical approaches in models of neurodevelopmental disorders: opportunities for translation. <i>Current Opinion in Neurology</i> , 2018, 31, 126-133.	1.8	27
2754	Chromatin dynamics underlying latent responses to xenobiotics. <i>Toxicology Research</i> , 2018, 7, 606-617.	0.9	4
2755	Regulatory characterisation of the schizophrenia-associated CACNA1C proximal promoter and the potential role for the transcription factor EZH2 in schizophrenia aetiology. <i>Schizophrenia Research</i> , 2018, 199, 168-175.	1.1	22
2756	Histone deacetylases mediate GABAA receptor expression, physiology, and behavioral maladaptations in rat models of alcohol dependence. <i>Neuropsychopharmacology</i> , 2018, 43, 1518-1529.	2.8	42
2757	Effects of <i>SYN1</i> <sup>Q555X</sup> mutation on cortical gray matter microstructure. <i>Human Brain Mapping</i> , 2018, 39, 3428-3448.	1.9	5
2758	Genetics of diffuse large B-cell lymphoma. <i>Blood</i> , 2018, 131, 2307-2319.	0.6	186
2759	BioMuta and BioXpress: mutation and expression knowledgebases for cancer biomarker discovery. <i>Nucleic Acids Research</i> , 2018, 46, D1128-D1136.	6.5	78
2760	Vascular-Derived Vegfa Promotes Cortical Interneuron Migration and Proximity to the Vasculature in the Developing Forebrain. <i>Cerebral Cortex</i> , 2018, 28, 2577-2593.	1.6	27
2761	Epigenetics and epitranscriptomics in temporal patterning of cortical neural progenitor competence. <i>Journal of Cell Biology</i> , 2018, 217, 1901-1914.	2.3	69

#	ARTICLE	IF	CITATIONS
2762	Ensembl 2018. <i>Nucleic Acids Research</i> , 2018, 46, D754-D761.	6.5	2,710
2763	Epigenetic drug discovery: a success story for cofactor interference. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170069.	1.8	39
2764	Pyrazole-based inhibitors of enhancer of zeste homologue 2 induce apoptosis and autophagy in cancer cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170150.	1.8	13
2765	Genome Variation Map: a data repository of genome variations in BIG Data Center. <i>Nucleic Acids Research</i> , 2018, 46, D944-D949.	6.5	53
2766	Systematic reanalysis of genomic data improves quality of variant interpretation. <i>Clinical Genetics</i> , 2018, 94, 174-178.	1.0	30
2767	A novel compound heterozygous variant identified in GLDC gene in a Chinese family with non-ketotic hyperglycinemia. <i>BMC Medical Genetics</i> , 2018, 19, 5.	2.1	6
2768	Loss of MeCP2 in adult 5-HT neurons induces 5-HT1A autoreceptors, with opposite sex-dependent anxiety and depression phenotypes. <i>Scientific Reports</i> , 2018, 8, 5788.	1.6	28
2769	Evaluation of Neurotransmitter Alterations in Four Distinct Brain Regions After Rapid Eye Movement Sleep Deprivation (REMSD) Induced Mania-Like Behaviour in Swiss Albino Mice. <i>Neurochemical Research</i> , 2018, 43, 1171-1181.	1.6	15
2770	Genetic Analysis of 779 Advanced Differentiated and Anaplastic Thyroid Cancers. <i>Clinical Cancer Research</i> , 2018, 24, 3059-3068.	3.2	366
2771	VarCards: an integrated genetic and clinical database for coding variants in the human genome. <i>Nucleic Acids Research</i> , 2018, 46, D1039-D1048.	6.5	148
2772	Prevalence and Progression of Late Gadolinium Enhancement in Children and Adolescents With Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2018, 138, 782-792.	1.6	72
2773	Targeted Next-generation Sequencing and Bioinformatics Pipeline to Evaluate Genetic Determinants of Constitutional Disease. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	17
2774	KoVariome: Korean National Standard Reference Variome database of whole genomes with comprehensive SNV, indel, CNV, and SV analyses. <i>Scientific Reports</i> , 2018, 8, 5677.	1.6	39
2775	Aluminum-Activated Malate Transporters Can Facilitate GABA Transport. <i>Plant Cell</i> , 2018, 30, 1147-1164.	3.1	71
2776	Maternal deprivation induces alterations in cognitive and cortical function in adulthood. <i>Translational Psychiatry</i> , 2018, 8, 71.	2.4	28
2777	Measuring coverage and accuracy of whole-exome sequencing in clinical context. <i>Genetics in Medicine</i> , 2018, 20, 1617-1626.	1.1	50
2778	Contrasting epigenetic states of heterochromatin in the different types of mouse pluripotent stem cells. <i>Scientific Reports</i> , 2018, 8, 5776.	1.6	34
2779	Systematic reconstruction of autism biology from massive genetic mutation profiles. <i>Science Advances</i> , 2018, 4, e1701799.	4.7	43

#	ARTICLE	IF	CITATIONS
2780	Shared effects of DISC1 disruption and elevated WNT signaling in human cerebral organoids. <i>Translational Psychiatry</i> , 2018, 8, 77.	2.4	52
2781	Metaplasticity within the spinal cord: Evidence brain-derived neurotrophic factor (BDNF), tumor necrosis factor (TNF), and alterations in GABA function (ionic plasticity) modulate pain and the capacity to learn. <i>Neurobiology of Learning and Memory</i> , 2018, 154, 121-135.	1.0	16
2782	Clinical interpretation of pathogenic ATM and CHEK2 variants on multigene panel tests: navigating moderate risk. <i>Familial Cancer</i> , 2018, 17, 495-505.	0.9	17
2783	Common basis for orofacial clefting and cortical interneuronopathy. <i>Translational Psychiatry</i> , 2018, 8, 8.	2.4	14
2784	Exome sequencing has higher diagnostic yield compared to simulated disease-specific panels in children with suspected monogenic disorders. <i>European Journal of Human Genetics</i> , 2018, 26, 644-651.	1.4	102
2785	Periodic reanalysis of whole-genome sequencing data enhances the diagnostic advantage over standard clinical genetic testing. <i>European Journal of Human Genetics</i> , 2018, 26, 740-744.	1.4	88
2786	CARM1-expressing ovarian cancer depends on the histone methyltransferase EZH2 activity. <i>Nature Communications</i> , 2018, 9, 631.	5.8	72
2787	A phenotype centric benchmark of variant prioritisation tools. <i>Npj Genomic Medicine</i> , 2018, 3, 5.	1.7	39
2788	Rett syndrome: a neurological disorder with metabolic components. <i>Open Biology</i> , 2018, 8, .	1.5	123
2789	Association of BDNF Val66Met Polymorphism and Brain BDNF Levels with Major Depression and Suicide. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 528-538.	1.0	142
2790	Primary glioblastoma cells for precision medicine: a quantitative portrait of genomic (in)stability during the first 30 passages. <i>Neuro-Oncology</i> , 2018, 20, 1080-1091.	0.6	22
2791	Clptm1 Limits Forward Trafficking of GABAA Receptors to Scale Inhibitory Synaptic Strength. <i>Neuron</i> , 2018, 97, 596-610.e8.	3.8	62
2792	Initial Observations of Salivary Brain-Derived Neurotrophic Factor Levels in Rett Syndrome. <i>Pediatric Neurology</i> , 2018, 80, 88-89.	1.0	1
2793	REST, a master transcriptional regulator in neurodegenerative disease. <i>Current Opinion in Neurobiology</i> , 2018, 48, 193-200.	2.0	174
2794	Points to consider for sharing variant-level information from clinical genetic testing with ClinVar. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a002345.	0.5	23
2795	The first two confirmed sub-Saharan African families with germline TP53 mutations causing Li-Fraumeni syndrome. <i>Familial Cancer</i> , 2018, 17, 607-613.	0.9	6
2796	Disruption of lipid-raft localized GÎ±s/tubulin complexes by antidepressants: a unique feature of HDAC6 inhibitors, SSRI and tricyclic compounds. <i>Neuropsychopharmacology</i> , 2018, 43, 1481-1491.	2.8	32
2797	Lineage specific transcription factors and epigenetic regulators mediate TGFÎ²-dependent enhancer activation. <i>Nucleic Acids Research</i> , 2018, 46, 3351-3365.	6.5	24

#	ARTICLE	IF	CITATIONS
2798	Intraductal/ductal histology and lymphovascular invasion are associated with germline DNA repair gene mutations in prostate cancer. <i>Prostate</i> , 2018, 78, 401-407.	1.2	105
2799	Hypertrophic Cardiomyopathy Genotype Prediction Models in a Pediatric Population. <i>Pediatric Cardiology</i> , 2018, 39, 709-717.	0.6	8
2800	Discovery of EBI-2511: A Highly Potent and Orally Active EZH2 Inhibitor for the Treatment of Non-Hodgkin's Lymphoma. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 98-102.	1.3	26
2801	Sex-specific differences in hypertension and associated cardiovascular disease. <i>Nature Reviews Nephrology</i> , 2018, 14, 185-201.	4.1	271
2802	Degradation routes of trafficking-defective VLDLR mutants associated with Dysequilibrium syndrome. <i>Scientific Reports</i> , 2018, 8, 1583.	1.6	10
2803	PCDH19-related epilepsy is associated with a broad neurodevelopmental spectrum. <i>Epilepsia</i> , 2018, 59, 679-689.	2.6	66
2804	Restoring GABAergic inhibition rescues memory deficits in a Huntington's disease mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1618-E1626.	3.3	80
2805	Lnc2Atlas: an atlas of long noncoding RNAs associated with risk of cancers. <i>Scientific Reports</i> , 2018, 8, 1909.	1.6	26
2807	IW-Scoring: an Integrative Weighted Scoring framework for annotating and prioritizing genetic variations in the noncoding genome. <i>Nucleic Acids Research</i> , 2018, 46, e47-e47.	6.5	30
2808	Parvalbumin fast-spiking interneurons are selectively altered by paediatric traumatic brain injury. <i>Journal of Physiology</i> , 2018, 596, 1277-1293.	1.3	26
2809	Medial preoptic area in mice is capable of mediating sexually dimorphic behaviors regardless of gender. <i>Nature Communications</i> , 2018, 9, 279.	5.8	159
2810	Embryonic stem cell transplants as a therapeutic strategy in a rodent model of autism. <i>Neuropsychopharmacology</i> , 2018, 43, 1789-1798.	2.8	14
2811	Downregulation of glutamic acid decarboxylase in Drosophila TDP-43-null brains provokes paralysis by affecting the organization of the neuromuscular synapses. <i>Scientific Reports</i> , 2018, 8, 1809.	1.6	17
2812	Relationship between absolute and relative ratios of glutamate, glutamine and GABA and severity of autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2018, 33, 843-854.	1.4	65
2813	Nicotine associated breast cancer in smokers is mediated through high level of EZH2 expression which can be reversed by methyltransferase inhibitor DZNepA. <i>Cell Death and Disease</i> , 2018, 9, 152.	2.7	15
2814	"Bridge to the Literature": Third-Party Genetic Interpretation Tools and the Views of Tool Developers. <i>Journal of Genetic Counseling</i> , 2018, 27, 770-781.	0.9	28
2815	Caffeine Protects Against Anticonvulsant-Induced Impaired Neurogenesis in the Developing Rat Brain. <i>Neurotoxicity Research</i> , 2018, 34, 173-187.	1.3	19
2816	Regulation of Synapse Development by Vgat Deletion from ErbB4-Positive Interneurons. <i>Journal of Neuroscience</i> , 2018, 38, 2533-2550.	1.7	23

#	ARTICLE	IF	CITATIONS
2817	Inhibition of the G9a/GLP histone methyltransferase complex modulates anxiety-related behavior in mice. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 866-874.	2.8	28
2818	Regulation of senescence escape by the cdk4/EZH2/AP2M1 pathway in response to chemotherapy. <i>Cell Death and Disease</i> , 2018, 9, 199.	2.7	47
2819	Diagnostic utility of exome sequencing in the evaluation of neuromuscular disorders. <i>Neurology: Genetics</i> , 2018, 4, e212.	0.9	42
2820	Habits Are Negatively Regulated by Histone Deacetylase 3 in the Dorsal Striatum. <i>Biological Psychiatry</i> , 2018, 84, 383-392.	0.7	45
2821	Whole Exome Sequencing. <i>Obstetrics and Gynecology Clinics of North America</i> , 2018, 45, 69-81.	0.7	81
2822	Leber Congenital Amaurosis Associated with Mutations in CEP290, Clinical Phenotype, and Natural History in Preparation for Trials of Novel Therapies. <i>Ophthalmology</i> , 2018, 125, 894-903.	2.5	58
2823	RBX2 maintains final retinal cell position in a DAB1-dependent and -independent fashion. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	13
2824	S-Adenosyl Methionine and Transmethylation Pathways in Neuropsychiatric Diseases Throughout Life. <i>Neurotherapeutics</i> , 2018, 15, 156-175.	2.1	68
2825	Pacific Ciguatoxin Induces Excitotoxicity and Neurodegeneration in the Motor Cortex Via Caspase 3 Activation: Implication for Irreversible Motor Deficit. <i>Molecular Neurobiology</i> , 2018, 55, 6769-6787.	1.9	13
2826	Morphological and Functional Characterization of Non-fast-Spiking GABAergic Interneurons in Layer 4 Microcircuitry of Rat Barrel Cortex. <i>Cerebral Cortex</i> , 2018, 28, 1439-1457.	1.6	29
2827	BARD1 is necessary for ubiquitylation of nucleosomal histone H2A and for transcriptional regulation of estrogen metabolism genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1316-1321.	3.3	43
2828	Developmental plasticity of GABAergic neurotransmission to brainstem motoneurons. <i>Journal of Physiology</i> , 2018, 596, 5993-6008.	1.3	14
2829	The rise of three-dimensional human brain cultures. <i>Nature</i> , 2018, 553, 437-445.	13.7	373
2830	Neuropsychiatric Phenotypes Produced by GABA Reduction in Mouse Cortex and Hippocampus. <i>Neuropsychopharmacology</i> , 2018, 43, 1445-1456.	2.8	40
2831	Gene regulatory mechanisms underlying sex differences in brain development and psychiatric disease. <i>Annals of the New York Academy of Sciences</i> , 2018, 1420, 26-45.	1.8	29
2832	Inability to suppress the stress-induced activation of the HPA axis during the peripartum period engenders deficits in postpartum behaviors in mice. <i>Psychoneuroendocrinology</i> , 2018, 90, 182-193.	1.3	60
2833	Ion Channels in Genetic Epilepsy: From Genes and Mechanisms to Disease-Targeted Therapies. <i>Pharmacological Reviews</i> , 2018, 70, 142-173.	7.1	215
2834	PARP1-dependent eviction of the linker histone H1 mediates immediate early gene expression during neuronal activation. <i>Journal of Cell Biology</i> , 2018, 217, 473-481.	2.3	32

#	ARTICLE	IF	CITATIONS
2835	Interactome INSIDER: a structural interactome browser for genomic studies. <i>Nature Methods</i> , 2018, 15, 107-114.	9.0	133
2836	LINE $\alpha$ retrotransposons in healthy and diseased human brain. <i>Developmental Neurobiology</i> , 2018, 78, 434-455.	1.5	58
2837	Chromatin remodeling and epigenetic regulation of oligodendrocyte myelination and myelin repair. <i>Molecular and Cellular Neurosciences</i> , 2018, 87, 18-26.	1.0	30
2838	Accelerating Discovery of Functional Mutant Alleles in Cancer. <i>Cancer Discovery</i> , 2018, 8, 174-183.	7.7	275
2839	Epigenetics and cerebral organoids: promising directions in autism spectrum disorders. <i>Translational Psychiatry</i> , 2018, 8, 14.	2.4	50
2840	Gene-specific Variant Classifier (DPYD $\Delta$ Varifier) to Identify Deleterious Alleles of Dihydropyrimidine Dehydrogenase. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 709-718.	2.3	43
2841	Glycogen Synthase Kinase-3 $\beta$ Regulates Equilibrium Between Neurogenesis and Gliogenesis in Rat Model of Parkinson's Disease: a Crosstalk with Wnt and Notch Signaling. <i>Molecular Neurobiology</i> , 2018, 55, 6500-6517.	1.9	45
2842	Phenotypic interpretation of complex chromosomal rearrangements informed by nucleotide-level resolution and structural organization of chromatin. <i>European Journal of Human Genetics</i> , 2018, 26, 374-381.	1.4	8
2843	N $^6$ -methyladenosine RNA modification regulates embryonic neural stem cell self-renewal through histone modifications. <i>Nature Neuroscience</i> , 2018, 21, 195-206.	7.1	317
2844	Antisecretory Factor Modulates GABA $_A$ Receptor Activity in Neurons. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 312-320.	1.1	2
2845	Epigenetic mechanisms in alcohol- and adversity-induced developmental origins of neurobehavioral functioning. <i>Neurotoxicology and Teratology</i> , 2018, 66, 63-79.	1.2	13
2846	iUUCD 2.0: an update with rich annotations for ubiquitin and ubiquitin-like conjugations. <i>Nucleic Acids Research</i> , 2018, 46, D447-D453.	6.5	57
2847	Neurexin controls plasticity of a mature, sexually dimorphic neuron. <i>Nature</i> , 2018, 553, 165-170.	13.7	76
2848	Precision oncology in the age of integrative genomics. <i>Nature Biotechnology</i> , 2018, 36, 46-60.	9.4	104
2849	ClinGen Cancer Somatic Working Group "standardizing and democratizing access to cancer molecular diagnostic data to drive translational research." , 2018, , .		12
2850	Differentiation and Characterization of Excitatory and Inhibitory Synapses by Cryo-electron Tomography and Correlative Microscopy. <i>Journal of Neuroscience</i> , 2018, 38, 1493-1510.	1.7	136
2851	eRAM: encyclopedia of rare disease annotations for precision medicine. <i>Nucleic Acids Research</i> , 2018, 46, D937-D943.	6.5	56
2852	Repetitive behaviors in autism are linked to imbalance of corticostriatal connectivity: a functional connectivity MRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 32-42.	1.5	95

#	ARTICLE	IF	CITATIONS
2853	Age-related differences in GABA levels are driven by bulk tissue changes. <i>Human Brain Mapping</i> , 2018, 39, 3652-3662.	1.9	47
2854	Cross-linking BioThings APIs through JSON-LD to facilitate knowledge exploration. <i>BMC Bioinformatics</i> , 2018, 19, 30.	1.2	24
2855	Effects of dexamethasone on the Li-pilocarpine model of epilepsy: protection against hippocampal inflammation and astrogliosis. <i>Journal of Neuroinflammation</i> , 2018, 15, 68.	3.1	39
2856	Epigenetic modifications in KDM lysine demethylases associate with survival of early-stage NSCLC. <i>Clinical Epigenetics</i> , 2018, 10, 41.	1.8	12
2857	Sleep disturbances are associated with specific sensory sensitivities in children with autism. <i>Molecular Autism</i> , 2018, 9, 22.	2.6	76
2858	Epigenetic regulation of cancer progression by EZH2: from biological insights to therapeutic potential. <i>Biomarker Research</i> , 2018, 6, 10.	2.8	276
2859	Repeated diazepam administration reversed working memory impairments and glucocorticoid alterations in the prefrontal cortex after short but not long alcohol-withdrawal periods. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 665-679.	1.0	6
2860	Epigenetic Regulation in Prostate Cancer Progression. <i>Current Molecular Biology Reports</i> , 2018, 4, 101-115.	0.8	51
2861	Three Mutations in the Bilateral Frontoparietal Polymicrogyria Gene GPR56 in Pakistani Intellectual Disability Families. <i>Journal of Pediatric Genetics</i> , 2018, 07, 060-066.	0.3	12
2862	A 2-Year-Old Child with Bilateral Ectopis Lentis and a Novel FBN1 Gene Variant Cys129Ser. <i>Journal of Pediatric Genetics</i> , 2018, 07, 083-085.	0.3	1
2863	17- $\beta$ estradiol increases parvalbumin levels in Pvalb heterozygous mice and attenuates behavioral phenotypes with relevance to autism core symptoms. <i>Molecular Autism</i> , 2018, 9, 15.	2.6	29
2864	Time and sex dependent effects of magnesium sulphate on post-asphyxial seizures in preterm fetal sheep. <i>Journal of Physiology</i> , 2018, 596, 6079-6092.	1.3	33
2865	A Saturation Mutagenesis Approach to Understanding PTEN Lipid Phosphatase Activity and Genotype-Phenotype Relationships. <i>American Journal of Human Genetics</i> , 2018, 102, 943-955.	2.6	149
2866	Interhemispheric alpha-band hypoconnectivity in children with autism spectrum disorder. <i>Behavioural Brain Research</i> , 2018, 348, 227-234.	1.2	29
2867	Brain region-specific disruption of Shank3 in mice reveals a dissociation for cortical and striatal circuits in autism-related behaviors. <i>Translational Psychiatry</i> , 2018, 8, 94.	2.4	103
2868	Carrier frequency analysis of mutations causing autosomal-recessive-inherited retinal diseases in the Israeli population. <i>European Journal of Human Genetics</i> , 2018, 26, 1159-1166.	1.4	14
2869	A somatic role for the histone methyltransferase Setdb1 in endogenous retrovirus silencing. <i>Nature Communications</i> , 2018, 9, 1683.	5.8	67
2870	Opportunities and challenges for using the zebrafish to study neuronal connectivity as an endpoint of developmental neurotoxicity. <i>NeuroToxicology</i> , 2018, 67, 102-111.	1.4	20

#	ARTICLE	IF	CITATIONS
2871	Altered brain cannabinoid 1 receptor mRNA expression across postnatal development in the MAM model of schizophrenia. <i>Schizophrenia Research</i> , 2018, 201, 254-260.	1.1	12
2872	Sensorimotor Activity Partially Ameliorates Pain and Reduces Nociceptive Fiber Density in the Chronically Injured Spinal Cord. <i>Journal of Neurotrauma</i> , 2018, 35, 2222-2238.	1.7	30
2873	Canonical TGF- $\beta$ 2 Signaling Negatively Regulates Neuronal Morphogenesis through TGIF/Smad Complex-Mediated CRMP2 Suppression. <i>Journal of Neuroscience</i> , 2018, 38, 4791-4810.	1.7	39
2874	The emerging clinical relevance of genomics in cancer medicine. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 353-365.	12.5	351
2875	Genetic deletion of NMDA receptors suppresses GABAergic synaptic transmission in two distinct types of central neurons. <i>Neuroscience Letters</i> , 2018, 668, 147-153.	1.0	13
2876	Transcriptional Regulators as Targets for Alcohol Pharmacotherapies. <i>Handbook of Experimental Pharmacology</i> , 2018, 248, 505-533.	0.9	4
2877	Effects of neonatal hyperoxia on the critical period of postnatal development of neurochemical expressions in brain stem respiratory-related nuclei in the rat. <i>Physiological Reports</i> , 2018, 6, e13627.	0.7	12
2878	Targeted genetic analysis in a large cohort of familial and sporadic cases of aneurysm or dissection of the thoracic aorta. <i>Genetics in Medicine</i> , 2018, 20, 1414-1422.	1.1	48
2879	An EZH2-mediated epigenetic mechanism behind p53-dependent tissue sensitivity to DNA damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3452-3457.	3.3	20
2880	Designer epigenome modifiers enable robust and sustained gene silencing in clinically relevant human cells. <i>Nucleic Acids Research</i> , 2018, 46, 4456-4468.	6.5	63
2881	Probiotic treatment reduces the autistic-like excitation/inhibition imbalance in juvenile hamsters induced by orally administered propionic acid and clindamycin. <i>Metabolic Brain Disease</i> , 2018, 33, 1155-1164.	1.4	53
2882	Species-conserved SYNGAP1 phenotypes associated with neurodevelopmental disorders. <i>Molecular and Cellular Neurosciences</i> , 2018, 91, 140-150.	1.0	70
2883	Cell-extrinsic hematopoietic impact of Ezh2 inactivation in fetal liver endothelial cells. <i>Blood</i> , 2018, 131, 2223-2234.	0.6	17
2884	Hyperactivity in mice lacking one allele of the glutamic acid decarboxylase 67 gene. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2018, 10, 267-271.	1.7	11
2885	Effects of ethanol and varenicline on female Sprague-Dawley rats in a third trimester model of fetal alcohol syndrome. <i>Alcohol</i> , 2018, 71, 75-87.	0.8	3
2886	Epstein-Barr Virus (EBV) Latent Protein EBNA3A Directly Targets and Silences the <i>STK39</i> Gene in B Cells Infected by EBV. <i>Journal of Virology</i> , 2018, 92, .	1.5	13
2887	Ethanol actions on the ventral tegmental area: novel potential targets on reward pathway neurons. <i>Psychopharmacology</i> , 2018, 235, 1711-1726.	1.5	41
2888	Whole genome and whole transcriptome genomic profiling of a metastatic eccrine porocarcinoma. <i>Npj Precision Oncology</i> , 2018, 2, 8.	2.3	15

#	ARTICLE	IF	CITATIONS
2889	Untangling Cortical Complexity During Development. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951875933.	2.3	31
2890	Incidental and clinically actionable genetic variants in 1005 whole exomes and genomes from Qatar. <i>Molecular Genetics and Genomics</i> , 2018, 293, 919-929.	1.0	18
2891	Role of GABA in the regulation of the central circadian clock of the suprachiasmatic nucleus. <i>Journal of Physiological Sciences</i> , 2018, 68, 333-343.	0.9	54
2892	False-positive results released by direct-to-consumer genetic tests highlight the importance of clinical confirmation testing for appropriate patient care. <i>Genetics in Medicine</i> , 2018, 20, 1515-1521.	1.1	210
2893	A comprehensive catalog of predicted functional upstream open reading frames in humans. <i>Nucleic Acids Research</i> , 2018, 46, 3326-3338.	6.5	76
2894	Cell-Type-Specific <i>Shank2</i> Deletion in Mice Leads to Differential Synaptic and Behavioral Phenotypes. <i>Journal of Neuroscience</i> , 2018, 38, 4076-4092.	1.7	53
2895	GABAergic inhibitory neurons as therapeutic targets for cognitive impairment in schizophrenia. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 733-753.	2.8	80
2896	Precision medicine screening using whole-genome sequencing and advanced imaging to identify disease risk in adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3686-3691.	3.3	76
2897	Mutations in the fourth $\beta$ -propeller domain of LRP4 are associated with isolated syndactyly with fusion of the third and fourth fingers. <i>Human Mutation</i> , 2018, 39, 811-815.	1.1	17
2898	GABA <sub>A</sub> excitation and synaptogenesis after Status Epilepticus – A computational study. <i>Scientific Reports</i> , 2018, 8, 4193.	1.6	1
2899	Genipin normalizes depression-like behavior induced by prenatal stress through inhibiting DNMT1. <i>Epigenetics</i> , 2018, 13, 310-317.	1.3	26
2900	Transcriptional and Epigenetic Control of Mammalian Olfactory Epithelium Development. <i>Molecular Neurobiology</i> , 2018, 55, 8306-8327.	1.9	25
2901	Identification of novel mutations in FFPE lung adenocarcinomas using DEPArray sorting technology and next-generation sequencing. <i>Journal of Applied Genetics</i> , 2018, 59, 269-277.	1.0	9
2902	Loss and gain of N-linked glycosylation sequons due to single-nucleotide variation in cancer. <i>Scientific Reports</i> , 2018, 8, 4322.	1.6	15
2903	Changed gene expression in subjects with schizophrenia and low cortical muscarinic M1 receptors predicts disrupted upstream pathways interacting with that receptor. <i>Molecular Psychiatry</i> , 2018, 23, 295-303.	4.1	50
2904	Altered expression of schizophrenia-related genes in mice lacking mGlu5 receptors. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 77-87.	1.8	6
2905	PAK1 regulates inhibitory synaptic function via a novel mechanism mediated by endocannabinoids. <i>Small GTPases</i> , 2018, 9, 322-326.	0.7	6
2906	Voluntary Physical Exercise Induces Expression and Epigenetic Remodeling of VegfA in the Rat Hippocampus. <i>Molecular Neurobiology</i> , 2018, 55, 567-582.	1.9	35

#	ARTICLE	IF	CITATIONS
2907	MeCP2-regulated miRNAs control early human neurogenesis through differential effects on ERK and AKT signaling. <i>Molecular Psychiatry</i> , 2018, 23, 1051-1065.	4.1	206
2908	Critical Issues in the Inclusion of Genetic and Epigenetic Information in Prevention and Intervention Trials. <i>Prevention Science</i> , 2018, 19, 58-67.	1.5	11
2909	Mapping autosomal recessive intellectual disability: combined microarray and exome sequencing identifies 26 novel candidate genes in 192 consanguineous families. <i>Molecular Psychiatry</i> , 2018, 23, 973-984.	4.1	147
2910	Secretagogin is Expressed by Developing Neocortical GABAergic Neurons in Humans but not Mice and Increases Neurite Arbor Size and Complexity. <i>Cerebral Cortex</i> , 2018, 28, 1946-1958.	1.6	34
2911	On the Run for Hippocampal Plasticity. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a029736.	2.9	120
2912	Molecular Adaptations to Social Defeat Stress and Induced Depression in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 3394-3407.	1.9	32
2913	Interleukin-6-Mediated Induced Pluripotent Stem Cell (iPSC)-Derived Neural Differentiation. <i>Molecular Neurobiology</i> , 2018, 55, 3513-3522.	1.9	10
2914	GAD1 alternative transcripts and DNA methylation in human prefrontal cortex and hippocampus in brain development, schizophrenia. <i>Molecular Psychiatry</i> , 2018, 23, 1496-1505.	4.1	52
2915	MEF2C transcription factor is associated with the genetic and epigenetic risk architecture of schizophrenia and improves cognition in mice. <i>Molecular Psychiatry</i> , 2018, 23, 123-132.	4.1	70
2916	Autism spectrum disorder in the scope of tactile processing. <i>Developmental Cognitive Neuroscience</i> , 2018, 29, 140-150.	1.9	100
2917	Epigenetics in Alzheimer's Disease: Perspective of DNA Methylation. <i>Molecular Neurobiology</i> , 2018, 55, 1026-1044.	1.9	96
2918	Establishment of a high-throughput detection system for DNA demethylating agents. <i>Epigenetics</i> , 2018, 13, 147-155.	1.3	10
2919	Local resting state functional connectivity in autism: site and cohort variability and the effect of eye status. <i>Brain Imaging and Behavior</i> , 2018, 12, 168-179.	1.1	46
2920	Neurons derived from patients with bipolar disorder divide into intrinsically different sub-populations of neurons, predicting the patients' responsiveness to lithium. <i>Molecular Psychiatry</i> , 2018, 23, 1453-1465.	4.1	125
2921	Inhibitors of Protein Methyltransferases and Demethylases. <i>Chemical Reviews</i> , 2018, 118, 989-1068.	23.0	222
2922	A Critical Role of Inhibition in Temporal Processing Maturation in the Primary Auditory Cortex. <i>Cerebral Cortex</i> , 2018, 28, 1610-1624.	1.6	14
2923	CSF GABA is reduced in first-episode psychosis and associates to symptom severity. <i>Molecular Psychiatry</i> , 2018, 23, 1244-1250.	4.1	44
2924	The schizophrenia- and autism-associated gene, transcription factor 4 regulates the columnar distribution of layer 2/3 prefrontal pyramidal neurons in an activity-dependent manner. <i>Molecular Psychiatry</i> , 2018, 23, 304-315.	4.1	43

#	ARTICLE	IF	CITATIONS
2925	Potentially pathogenic germline CHEK2 c.319+2T>A among multiple early-onset cancer families. <i>Familial Cancer</i> , 2018, 17, 141-153.	0.9	12
2926	Experience-Dependent Regulation of Cajal-Retzius Cell Networks in the Developing and Adult Mouse Hippocampus. <i>Cerebral Cortex</i> , 2018, 28, 672-687.	1.6	18
2927	General Anesthesia and Young Brain: What is New?. <i>Journal of Neurosurgical Anesthesiology</i> , 2018, 30, 217-222.	0.6	12
2928	Neuronal DNA Methyltransferases: Epigenetic Mediators between Synaptic Activity and Gene Expression?. <i>Neuroscientist</i> , 2018, 24, 171-185.	2.6	67
2929	Pharmacological Manipulation of Cortical Inhibition in the Dorsolateral Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2018, 43, 354-361.	2.8	13
2930	Neurotransmitter receptors as signaling platforms in anterior pituitary cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 463, 49-64.	1.6	10
2931	Promises, pitfalls and practicalities of prenatal whole exome sequencing. <i>Prenatal Diagnosis</i> , 2018, 38, 10-19.	1.1	262
2932	Decreasing the Expression of GABAA $\alpha 5$ Subunit-Containing Receptors Partially Improves Cognitive, Electrophysiological, and Morphological Hippocampal Defects in the Ts65Dn Model of Down Syndrome. <i>Molecular Neurobiology</i> , 2018, 55, 4745-4762.	1.9	15
2933	Data sharing as a national quality improvement program: reporting on BRCA1 and BRCA2 variant-interpretation comparisons through the Canadian Open Genetics Repository (COGR). <i>Genetics in Medicine</i> , 2018, 20, 294-302.	1.1	27
2934	Cognitive mechanisms of inhibitory control deficits in autism spectrum disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 586-595.	3.1	72
2935	Intrinsic physiology of inhibitory neurons changes over auditory development. <i>Journal of Neurophysiology</i> , 2018, 119, 290-304.	0.9	5
2936	Regulating the regulators: Epigenetic, transcriptional, and post-translational regulation of RGS proteins. <i>Cellular Signalling</i> , 2018, 42, 77-87.	1.7	33
2937	<i>Dlx1</i> and <i>Dlx2</i> Promote Interneuron GABA Synthesis, Synaptogenesis, and Dendritogenesis. <i>Cerebral Cortex</i> , 2018, 28, 3797-3815.	1.6	72
2938	Genetic Reduction of Matrix Metalloproteinase-9 Promotes Formation of Perineuronal Nets Around Parvalbumin-Expressing Interneurons and Normalizes Auditory Cortex Responses in Developing <i>Fmr1</i> Knock-Out Mice. <i>Cerebral Cortex</i> , 2018, 28, 3951-3964.	1.6	110
2939	Depolarizing, inhibitory GABA type A receptor activity regulates GABAergic synapse plasticity via ERK and BDNF signaling. <i>Neuropharmacology</i> , 2018, 128, 324-339.	2.0	40
2940	R-Baclofen Reverses Cognitive Deficits and Improves Social Interactions in Two Lines of <i>16p11.2</i> Deletion Mice. <i>Neuropsychopharmacology</i> , 2018, 43, 513-524.	2.8	75
2941	tmVar 2.0: integrating genomic variant information from literature with dbSNP and ClinVar for precision medicine. <i>Bioinformatics</i> , 2018, 34, 80-87.	1.8	79
2942	Mouse <i>Cntnap2</i> and Human <i>CNTNAP2</i> ASD Alleles Cell Autonomously Regulate PV+ Cortical Interneurons. <i>Cerebral Cortex</i> , 2018, 28, 3868-3879.	1.6	71

#	ARTICLE	IF	CITATIONS
2943	Are endocrine disrupting compounds environmental risk factors for autism spectrum disorder?. <i>Hormones and Behavior</i> , 2018, 101, 13-21.	1.0	61
2944	Monocyte and haematopoietic progenitor reprogramming as common mechanism underlying chronic inflammatory and cardiovascular diseases. <i>European Heart Journal</i> , 2018, 39, 3521-3527.	1.0	44
2945	Defects in Bioenergetic Coupling in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 739-750.	0.7	67
2946	Retracing your footsteps: developmental insights to spinal network plasticity following injury. <i>Journal of Neurophysiology</i> , 2018, 119, 521-536.	0.9	13
2947	EZH2 promotes neoplastic transformation through VAV interaction-dependent extranuclear mechanisms. <i>Oncogene</i> , 2018, 37, 461-477.	2.6	15
2948	Novel findings with reassessment of exome data: implications for validation testing and interpretation of genomic data. <i>Genetics in Medicine</i> , 2018, 20, 329-336.	1.1	28
2949	Genetic background effects in Neuroligin-3 mutant mice: Minimal behavioral abnormalities on C57 background. <i>Autism Research</i> , 2018, 11, 234-244.	2.1	31
2950	Convergent Neuronal Plasticity and Metaplasticity Mechanisms of Stress, Nicotine, and Alcohol. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 547-566.	4.2	26
2951	Isolated sulfite oxidase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 101-108.	1.7	51
2952	Targeting Epigenetics in Cancer. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 187-207.	4.2	185
2953	Prefrontal and Striatal Gamma-Aminobutyric Acid Levels and the Effect of Antipsychotic Treatment in First-Episode Psychosis Patients. <i>Biological Psychiatry</i> , 2018, 83, 475-483.	0.7	66
2954	Dual inhibition of EZH1/2 breaks the quiescence of leukemia stem cells in acute myeloid leukemia. <i>Leukemia</i> , 2018, 32, 855-864.	3.3	73
2955	Neural mechanisms underlying GABAergic regulation of adult hippocampal neurogenesis. <i>Cell and Tissue Research</i> , 2018, 371, 33-46.	1.5	67
2956	Short-Term Exposure to Enriched Environment in Adult Rats Restores MK-801-Induced Cognitive Deficits and GABAergic Interneuron Immunoreactivity Loss. <i>Molecular Neurobiology</i> , 2018, 55, 26-41.	1.9	24
2957	Potential for diagnosis versus therapy monitoring of attention deficit hyperactivity disorder: a new epigenetic biomarker interacting with both genotype and auto-immunity. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 241-252.	2.8	41
2958	GABA type a receptor trafficking and the architecture of synaptic inhibition. <i>Developmental Neurobiology</i> , 2018, 78, 238-270.	1.5	50
2959	Past, present, and future of genetic research in borderline personality disorder. <i>Current Opinion in Psychology</i> , 2018, 21, 60-68.	2.5	17
2960	Ripe for solution: Delayed development of multisensory processing in autism and its remediation. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 182-192.	2.9	84

#	ARTICLE	IF	CITATIONS
2961	Identification of rare noncoding sequence variants in gamma-aminobutyric acid A receptor, alpha 4 subunit in autism spectrum disorder. <i>Neurogenetics</i> , 2018, 19, 17-26.	0.7	5
2962	Medial Frontal Lobe Neurochemistry in Autism Spectrum Disorder is Marked by Reduced N-Acetylaspartate and Unchanged Gamma-Aminobutyric Acid and Glutamate+Glutamine Levels. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 1467-1482.	1.7	22
2963	Evidence for genetic overlap between adult onset Stillé's disease and hereditary periodic fever syndromes. <i>Rheumatology International</i> , 2018, 38, 111-120.	1.5	20
2964	Hyperexcitability of the network contributes to synchronization processes in the human epileptic neocortex. <i>Journal of Physiology</i> , 2018, 596, 317-342.	1.3	35
2965	The thalamic reticular nucleus in schizophrenia and bipolar disorder: role of parvalbumin-expressing neuron networks and oxidative stress. <i>Molecular Psychiatry</i> , 2018, 23, 2057-2065.	4.1	116
2966	How multi-scale structural biology elucidated context-dependent variability in ectodomain conformation along with the ligand capture and release cycle for LDLR family members. <i>Biophysical Reviews</i> , 2018, 10, 481-492.	1.5	1
2967	Disrupted circuits in mouse models of autism spectrum disorder and intellectual disability. <i>Current Opinion in Neurobiology</i> , 2018, 48, 106-112.	2.0	54
2968	Repositioning of Somatic Golgi Apparatus Is Essential for the Dendritic Establishment of Adult-Born Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2018, 38, 631-647.	1.7	34
2969	Thalamic Control of Cognition and Social Behavior Via Regulation of Gamma-Aminobutyric Acidergic Signaling and Excitation/Inhibition Balance in the Medial Prefrontal Cortex. <i>Biological Psychiatry</i> , 2018, 83, 657-669.	0.7	128
2970	Neuroanatomical and molecular correlates of cognitive and behavioural outcomes in hypogonadal males. <i>Metabolic Brain Disease</i> , 2018, 33, 491-505.	1.4	6
2971	A Role for Monomethylation of Histone H3-K27 in Gene Activity in <i>Drosophila</i> . <i>Genetics</i> , 2018, 208, 1023-1036.	1.2	11
2972	The histone demethylase Kdm6b regulates a mature gene expression program in differentiating cerebellar granule neurons. <i>Molecular and Cellular Neurosciences</i> , 2018, 87, 4-17.	1.0	32
2973	Building stereotypic connectivity: mechanistic insights into structural plasticity from <i>C. elegans</i> . <i>Current Opinion in Neurobiology</i> , 2018, 48, 97-105.	2.0	12
2974	Evaluation of reported pathogenic variants and their frequencies in a Japanese population based on a whole-genome reference panel of 2049 individuals. <i>Journal of Human Genetics</i> , 2018, 63, 213-230.	1.1	35
2975	Diolistic Labeling and Analysis of Dendritic Spines. <i>Methods in Molecular Biology</i> , 2018, 1727, 179-200.	0.4	11
2976	GABAA receptor: a unique modulator of excitability, Ca <sup>2+</sup> signaling, and catecholamine release of rat chromaffin cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 67-77.	1.3	7
2977	Identifying specific prefrontal neurons that contribute to autism-associated abnormalities in physiology and social behavior. <i>Molecular Psychiatry</i> , 2018, 23, 2078-2089.	4.1	119
2978	Annual Research Review: Not just a small adult brain: understanding later neurodevelopment through imaging the neonatal brain. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 350-371.	3.1	73

#	ARTICLE	IF	CITATIONS
2979	Generation of diverse cortical inhibitory interneurons. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e306.	5.9	30
2980	Genetic and Molecular Regulation of Extrasynaptic GABA-A Receptors in the Brain: Therapeutic Insights for Epilepsy. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 180-197.	1.3	102
2981	Regulation of habit formation in the dorsal striatum. Current Opinion in Behavioral Sciences, 2018, 20, 67-74.	2.0	53
2982	GABA concentration in sensorimotor cortex following high-intensity exercise and relationship to lactate levels. Journal of Physiology, 2018, 596, 691-702.	1.3	57
2983	Identifying molecular mediators of environmentally enhanced neurogenesis. Cell and Tissue Research, 2018, 371, 7-21.	1.5	25
2984	Peer Victimization and Adjustment in Young Adulthood: Introduction to the Special Section. Journal of Abnormal Child Psychology, 2018, 46, 5-9.	3.5	8
2985	Role of Glutamatergic Projections from the Ventral CA1 to Infralimbic Cortex in Context-Induced Reinstatement of Heroin Seeking. Neuropsychopharmacology, 2018, 43, 1373-1384.	2.8	30
2986	Systematic design and comparison of expanded carrier screening panels. Genetics in Medicine, 2018, 20, 55-63.	1.1	53
2987	Implication of Endoplasmic Reticulum Stress in Autism Spectrum Disorder. Neurochemical Research, 2018, 43, 147-152.	1.6	13
2988	Improved diagnostic yield compared with targeted gene sequencing panels suggests a role for whole-genome sequencing as a first-tier genetic test. Genetics in Medicine, 2018, 20, 435-443.	1.1	404
2989	Rett Syndrome in Males: A Case Report and Review of Literature. Cureus, 2018, 10, e3414.	0.2	13
2990	SMART Cancer Navigator: A Framework for Implementing ASCO Workshop Recommendations to Enable Precision Cancer Medicine. JCO Precision Oncology, 2018, 2018, 1-14.	1.5	19
2991	Development of novel SUV39H2 inhibitors that exhibit growth suppressive effects in mouse xenograft models and regulate the phosphorylation of H2AX. Oncotarget, 2018, 9, 31820-31831.	0.8	17
2992	The adipocyte hormone leptin sets the emergence of hippocampal inhibition in mice. ELife, 2018, 7, .	2.8	20
2993	Genetic Testing and Clinical Management Practices for Variants in Non-BRCA1/2 Breast (and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 192 for the Interpretation of Germline Mutant Alleles (ENIGMA) Clinical Working Group. JCO Precision Oncology, 2018, 2, 1-42.	1.5	19
2994	Severe Course of Peripartum Cardiomyopathy and Subsequent Recovery in a Patient with a Novel TTN Gene-Truncating Mutation. American Journal of Case Reports, 2018, 19, 820-824.	0.3	7
2995	Clinical Epigenetic Therapies Disrupt Sex Chromosome Dosage Compensation in Human Female Cells. , 2018, 2, 2-7.	0.8	4
2996	<i>TP53</i> Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. Journal of Clinical Oncology, 2018, 36, 591-599.	0.8	121

#	ARTICLE	IF	CITATIONS
2997	Genetic and Epigenetic Alterations Underlie Oligodendroglia Susceptibility and White Matter Etiology in Psychiatric Disorders. <i>Frontiers in Genetics</i> , 2018, 9, 565.	1.1	16
2998	Clinical Efficacy of a Novel Therapeutic Principle, Anakoinsosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1357.	1.6	26
2999	Temporal Lobe Epilepsy, Stroke, and Traumatic Brain Injury: Mechanisms of Hyperpolarized, Depolarized, and Flow-Through Ion Channels Utilized as Tri-Coordinate Biomarkers of Electrophysiologic Dysfunction. <i>OBM Neurobiology</i> , 2018, 2, 1-1.	0.2	10
3000	Ensembl variation resources. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	377
3001	VarQ: A Tool for the Structural and Functional Analysis of Human Protein Variants. <i>Frontiers in Genetics</i> , 2018, 9, 620.	1.1	10
3002	Variant information systems for precision oncology. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 107.	1.5	10
3003	Effect of Co-administration of Bumetanide and Phenobarbital on Seizure Attacks in Temporal Lobe Epilepsy. <i>Basic and Clinical Neuroscience</i> , 2018, 9, 408-416.	0.3	4
3004	Insights into GABAergic system alteration in Huntington's disease. <i>Open Biology</i> , 2018, 8, .	1.5	62
3005	Developmental pattern and structural factors of dendritic survival in cerebellar granule cells in vivo. <i>Scientific Reports</i> , 2018, 8, 17561.	1.6	9
3006	Social Isolation Rearing Induces Neuropsychiatric Diseases: Updated Overview. <i>Molecular Neuropsychiatry</i> , 2018, 4, 190-195.	3.0	8
3007	Seizure Susceptibility Correlates with Brain Injury in Male Mice Treated with Hypothermia after Neonatal Hypoxia-Ischemia. <i>Developmental Neuroscience</i> , 2018, 40, 576-585.	1.0	10
3008	Inhibitory Neural Circuits in the Mammalian Auditory Midbrain. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951881823.	2.3	3
3009	Heterogeneous Signaling at GABA and Glycine Co-releasing Terminals. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 40.	1.3	21
3010	Striatal Inhibition of MeCP2 or TSC1 Produces Sociability Deficits and Repetitive Behaviors. <i>Experimental Neurobiology</i> , 2018, 27, 539-549.	0.7	14
3011	Perturbed expression pattern of the immediate early gene Arc in the dentate gyrus of GluA1 C-terminal palmitoylation-deficient mice. <i>Neuropsychopharmacology Reports</i> , 2018, 39, 61-66.	1.1	8
3012	Comparison of scopolamine-induced cognitive impairment responses in three different ICR stocks. <i>Laboratory Animal Research</i> , 2018, 34, 317.	1.1	10
3013	Ezh2 Controls Skin Tolerance through Distinct Mechanisms in Different Subsets of Skin Dendritic Cells. <i>IScience</i> , 2018, 10, 23-39.	1.9	12
3014	ClinGen Allele Registry links information about genetic variants. <i>Human Mutation</i> , 2018, 39, 1690-1701.	1.1	48

#	ARTICLE	IF	CITATIONS
3015	Molecular autopsy: using the discovery of a novel de novo pathogenic variant in the KCNH2 gene to inform healthcare of surviving family. <i>Heliyon</i> , 2018, 4, e01015.	1.4	4
3016	H3K27me3 induces multidrug resistance in small cell lung cancer by affecting HOXA1 DNA methylation via regulation of the lncRNA HOTAIR. <i>Annals of Translational Medicine</i> , 2018, 6, 440-440.	0.7	42
3017	Database Resources of the BIG Data Center in 2018. <i>Nucleic Acids Research</i> , 2018, 46, D14-D20.	6.5	128
3018	An ecotoxicological view on neurotoxicity assessment. <i>Environmental Sciences Europe</i> , 2018, 30, 46.	2.6	168
3019	The Role of Histone Methyltransferases and Long Non-coding RNAs in the Regulation of T Cell Fate Decisions. <i>Frontiers in Immunology</i> , 2018, 9, 2955.	2.2	13
3020	Electroacupuncture Improves Baroreflex and $\gamma$ -Aminobutyric Acid Type B Receptor-Mediated Responses in the Nucleus Tractus Solitarii of Hypertensive Rats. <i>Neural Plasticity</i> , 2018, 2018, 1-11.	1.0	15
3021	Dual mechanisms for the regulation of brain-derived neurotrophic factor by valproic acid in neural progenitor cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 679.	0.6	4
3022	Perineuronal nets decrease membrane capacitance of peritumoral fast spiking interneurons in a model of epilepsy. <i>Nature Communications</i> , 2018, 9, 4724.	5.8	129
3023	Familial Hypercholesterolemia: The Most Frequent Cholesterol Metabolism Disorder Caused Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3426.	1.8	78
3024	The value of genomic variant ClinVar submissions from clinical providers: Beyond the addition of novel variants. <i>Human Mutation</i> , 2018, 39, 1660-1667.	1.1	14
3025	Assessment of coding region variants in Kuwaiti population: implications for medical genetics and population genomics. <i>Scientific Reports</i> , 2018, 8, 16583.	1.6	26
3026	Metabotropic Glutamate Receptor 7: A New Therapeutic Target in Neurodevelopmental Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 387.	1.4	33
3027	Mice With Decreased Number of Interneurons Exhibit Aberrant Spontaneous and Oscillatory Activity in the Cortex. <i>Frontiers in Neural Circuits</i> , 2018, 12, 96.	1.4	20
3028	Differences in lumbar motor neuron pruning in an animal model of early onset spasticity. <i>Journal of Neurophysiology</i> , 2018, 120, 601-609.	0.9	27
3029	Targeting fidelity of adenine and cytosine base editors in mouse embryos. <i>Nature Communications</i> , 2018, 9, 4804.	5.8	72
3030	Ezh2 inhibition in Kras-driven lung cancer amplifies inflammation and associated vulnerabilities. <i>Journal of Experimental Medicine</i> , 2018, 215, 3115-3135.	4.2	29
3031	Expanding the clinical phenotype of IARS2-related mitochondrial disease. <i>BMC Medical Genetics</i> , 2018, 19, 196.	2.1	16
3032	Remodeling the endoplasmic reticulum proteostasis network restores proteostasis of pathogenic GABAA receptors. <i>PLoS ONE</i> , 2018, 13, e0207948.	1.1	26

#	ARTICLE	IF	CITATIONS
3033	Potential of Glutamatergic Synaptic Transmission Onto Dorsal Raphe Serotonergic Neurons in the Valproic Acid Model of Autism. <i>Frontiers in Pharmacology</i> , 2018, 9, 1185.	1.6	19
3034	Tackling malignant melanoma epigenetically: histone lysine methylation. <i>Clinical Epigenetics</i> , 2018, 10, 145.	1.8	26
3035	Epithelial-Mesenchymal Transition and Metastasis under the Control of Transforming Growth Factor $\beta$ . <i>International Journal of Molecular Sciences</i> , 2018, 19, 3672.	1.8	117
3036	Differential pH Dynamics in Synaptic Vesicles From Intact Glutamatergic and GABAergic Synapses. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 44.	1.3	9
3037	Rett syndrome from bench to bedside: recent advances. <i>F1000Research</i> , 2018, 7, 398.	0.8	22
3038	Epigenetic mechanisms and implications in tendon inflammation (Review). <i>International Journal of Molecular Medicine</i> , 2019, 43, 3-14.	1.8	10
3039	The Return of Actionable Variants Empirical (RAVE) Study, a Mayo Clinic Genomic Medicine Implementation Study: Design and Initial Results. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1600-1610.	1.4	29
3040	Complete Disruption of Autism-Susceptibility Genes by Gene Editing Predominantly Reduces Functional Connectivity of Isogenic Human Neurons. <i>Stem Cell Reports</i> , 2018, 11, 1211-1225.	2.3	111
3041	Rottlerin inhibits cell growth and invasion via down-regulation of EZH2 in prostate cancer. <i>Cell Cycle</i> , 2018, 17, 2460-2473.	1.3	6
3042	Heterogeneity of germline variants in high risk breast and ovarian cancer susceptibility genes in India. <i>Precision Clinical Medicine</i> , 2018, 1, 75-87.	1.3	5
3043	Structural Biology Helps Interpret Variants of Uncertain Significance in Genes Causing Endocrine and Metabolic Disorders. <i>Journal of the Endocrine Society</i> , 2018, 2, 842-854.	0.1	7
3044	Inhibition of HDAC3 reverses Alzheimer's disease-related pathologies in vitro and in the 3xTg-AD mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11148-E11157.	3.3	140
3045	AGD: Aneurysm Gene Database. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	7
3046	The Sex Chromosome Hypothesis of Schizophrenia: Alive, Dead, or Forgotten? A Commentary and Review. <i>Molecular Neuropsychiatry</i> , 2018, 4, 83-89.	3.0	6
3047	Delineation of Novel Compound Heterozygous Variants in LTBP2 Associated with Juvenile Open Angle Glaucoma. <i>Genes</i> , 2018, 9, 527.	1.0	17
3048	Functional MRI connectivity of children with autism and low verbal and cognitive performance. <i>Molecular Autism</i> , 2018, 9, 67.	2.6	65
3049	Inhibitory control of the excitatory/inhibitory balance in psychiatric disorders. <i>F1000Research</i> , 2018, 7, 23.	0.8	149
3050	Opposite Epigenetic Associations With Alcohol Use and Exercise Intervention. <i>Frontiers in Psychiatry</i> , 2018, 9, 594.	1.3	15

#	ARTICLE	IF	CITATIONS
3051	The Perils of Generalizing about GABA in Seizure Generalization. <i>Epilepsy Currents</i> , 2018, 18, 113-114.	0.4	1
3052	Global DNA methylation synergistically regulates the nuclear and mitochondrial genomes in glioblastoma cells. <i>Nucleic Acids Research</i> , 2018, 46, 5977-5995.	6.5	40
3053	BDNF Val66Met polymorphism is associated with altered activity-dependent modulation of short-interval intracortical inhibition in bilateral M1. <i>PLoS ONE</i> , 2018, 13, e0197505.	1.1	12
3054	Dynamic Communications Between GABA <sub>A</sub> Switch, Local Connectivity, and Synapses During Cortical Development: A Computational Study. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 468.	1.8	5
3055	Synaptopathology Involved in Autism Spectrum Disorder. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 470.	1.8	191
3056	Neuronal Migration During Development of the Cerebellum. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 484.	1.8	77
3057	Temporal Integrative Analysis of mRNA and microRNAs Expression Profiles and Epigenetic Alterations in Female SAMP8, a Model of Age-Related Cognitive Decline. <i>Frontiers in Genetics</i> , 2018, 9, 596.	1.1	18
3058	Neural Correlates of Sensory Abnormalities Across Developmental Disabilities. <i>International Review of Research in Developmental Disabilities</i> , 2018, 55, 83-143.	0.6	7
3059	Efficient RNA-guided base editing for disease modeling in pigs. <i>Cell Discovery</i> , 2018, 4, 64.	3.1	23
3060	Gastrodin Rescues Autistic-Like Phenotypes in Valproic Acid-Induced Animal Model. <i>Frontiers in Neurology</i> , 2018, 9, 1052.	1.1	16
3061	Spatial distribution of the full-length members of the Grg family during embryonic neurogenesis reveals a $\alpha$ -Grg-mediated repression map in the mouse telencephalon. <i>PLoS ONE</i> , 2018, 13, e0209369.	1.1	2
3062	Prefrontal cortex-dependent innate behaviors are altered by selective knockdown of Gad1 in neuropeptide Y interneurons. <i>PLoS ONE</i> , 2018, 13, e0200809.	1.1	15
3063	Inhibition of EZH2 and EGFR produces a synergistic effect on cell apoptosis by increasing autophagy in gastric cancer cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8455-8463.	1.0	22
3064	The Emerging Role of Altered Cerebellar Synaptic Processing in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 396.	1.7	38
3065	UBE3A and Its Link With Autism. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 448.	1.4	60
3066	The sequencing and interpretation of the genome obtained from a Serbian individual. <i>PLoS ONE</i> , 2018, 13, e0208901.	1.1	3
3067	Effects of spatial consistency and individual difference on touch-induced visual suppression effect. <i>Scientific Reports</i> , 2018, 8, 17018.	1.6	4
3068	Genetic association of human Corticotropin-Releasing Hormone Receptor 1 (CRHR1) with Internet gaming addiction in Korean male adolescents. <i>BMC Psychiatry</i> , 2018, 18, 396.	1.1	18

#	ARTICLE	IF	CITATIONS
3069	Acquired parvalbumin-selective interneuronopathy in the multiple-hit model of infantile spasms: A putative basis for the partial responsiveness to vigabatrin analogs?. <i>Epilepsia Open</i> , 2018, 3, 155-164.	1.3	11
3070	Steroidogenic differentiation and PKA signaling are programmed by histone methyltransferase EZH2 in the adrenal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12265-E12274.	3.3	33
3071	Molecular Pathology and Pharmacological Treatment of Autism Spectrum Disorder-Like Phenotypes Using Rodent Models. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 422.	1.8	32
3072	Loss of interneurons and disruption of perineuronal nets in the cerebral cortex following hypoxia-ischaemia in near-term fetal sheep. <i>Scientific Reports</i> , 2018, 8, 17686.	1.6	22
3073	Personal Genome Project UK (PGP-UK): a research and citizen science hybrid project in support of personalized medicine. <i>BMC Medical Genomics</i> , 2018, 11, 108.	0.7	34
3074	The NOTCH Pathway and Its Mutations in Mature B Cell Malignancies. <i>Frontiers in Oncology</i> , 2018, 8, 550.	1.3	52
3075	Integrative system biology analyses of CRISPR-edited iPSC-derived neurons and human brains reveal deficiencies of presynaptic signaling in FTL and PSP. <i>Translational Psychiatry</i> , 2018, 8, 265.	2.4	47
3076	Neuron-specific signatures in the chromosomal connectome associated with schizophrenia risk. <i>Science</i> , 2018, 362, .	6.0	162
3077	Comprehensive functional genomic resource and integrative model for the human brain. <i>Science</i> , 2018, 362, .	6.0	618
3078	Neural gain control measured through cortical gamma oscillations is associated with sensory sensitivity. <i>Human Brain Mapping</i> , 2019, 40, 1583-1593.	1.9	19
3079	Adult neurogenic deficits in HIV-1 Tg26 transgenic mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 287.	3.1	23
3080	Bioinformatics Tools and Databases to Assess the Pathogenicity of Mitochondrial DNA Variants in the Field of Next Generation Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 632.	1.1	48
3081	Giant Depolarizing Potentials Trigger Transient Changes in the Intracellular Cl <sup>-</sup> Concentration in CA3 Pyramidal Neurons of the Immature Mouse Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 420.	1.8	19
3082	Cell-Biological Requirements for the Generation of Dentate Gyrus Granule Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 402.	1.8	16
3083	Childhood-Onset Schizophrenia: Insights from Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3829.	1.8	24
3084	Gut microbiota signatures in cystic fibrosis: Loss of host CFTR function drives the microbiota enterophenotype. <i>PLoS ONE</i> , 2018, 13, e0208171.	1.1	107
3085	Genetic recovery of ErbB4 in adulthood partially restores brain functions in null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13105-13110.	3.3	33
3086	Imbalance of Functional Connectivity and Temporal Entropy in Resting-State Networks in Autism Spectrum Disorder: A Machine Learning Approach. <i>Frontiers in Neuroscience</i> , 2018, 12, 869.	1.4	12

#	ARTICLE	IF	CITATIONS
3087	Challenging popular tools for the annotation of genetic variations with a real case, pathogenic mutations of lysosomal alpha-galactosidase. <i>BMC Bioinformatics</i> , 2018, 19, 433.	1.2	8
3088	Metabotropic Glutamate Receptors in Glial Cells: A New Potential Target for Neuroprotection?. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 414.	1.4	79
3089	Tubular cell loss in early <i>inv/nphp2</i> mutant kidneys represents a possible homeostatic mechanism in cortical tubular formation. <i>PLoS ONE</i> , 2018, 13, e0198580.	1.1	1
3090	Neurophilic Descending Migration of Dorsal Midbrain Neurons Into the Hindbrain. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 96.	0.9	1
3091	Expanding clinical phenotype in <i>CACNA1C</i> related disorders: From neonatal onset severe epileptic encephalopathy to late-onset epilepsy. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 2733-2739.	0.7	30
3092	Study Design and Rationale for the Mood and Methylation Study: A Platform for Multi-Omics Investigation of Depression in Twins. <i>Twin Research and Human Genetics</i> , 2018, 21, 507-513.	0.3	6
3093	Toward the Language Oscillogenome. <i>Frontiers in Psychology</i> , 2018, 9, 1999.	1.1	28
3094	Evaluation of Differences in Temporal Synchrony Between Brain Regions in Individuals With Autism and Typical Development. <i>JAMA Network Open</i> , 2018, 1, e184777.	2.8	26
3095	Exercising New Neurons to Vanquish Alzheimer Disease. <i>Brain Plasticity</i> , 2018, 4, 111-126.	1.9	18
3096	Increased Functional Connectivity During Emotional Face Processing in Children With Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 408.	1.0	27
3097	Alcohol and the Developing Brain: Why Neurons Die and How Survivors Change. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2992.	1.8	30
3098	Germline pathogenic variants of 11 breast cancer genes in 7,051 Japanese patients and 11,241 controls. <i>Nature Communications</i> , 2018, 9, 4083.	5.8	179
3099	Transcription-associated histone pruning demarcates macroH2A chromatin domains. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 958-970.	3.6	36
3100	Postnatal TrkB ablation in corticolimbic interneurons induces social dominance in male mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9909-E9915.	3.3	17
3101	A unique role for DNA (hydroxy)methylation in epigenetic regulation of human inhibitory neurons. <i>Science Advances</i> , 2018, 4, eaau6190.	4.7	92
3102	Structure-Function Relationships of Glycine and GABA <sub>A</sub> Receptors and Their Interplay With the Scaffolding Protein Gephyrin. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 317.	1.4	38
3103	Sensory Processing Phenotypes in Fragile X Syndrome. <i>ASN Neuro</i> , 2018, 10, 175909141880109.	1.5	88
3104	Exome Sequencing-Based Screening for <i>BRCA1/2</i> Expected Pathogenic Variants Among Adult Biobank Participants. <i>JAMA Network Open</i> , 2018, 1, e182140.	2.8	163

#	ARTICLE	IF	CITATIONS
3105	Deep Brain Stimulation Modified Autism-Like Deficits via the Serotonin System in a Valproic Acid-Induced Rat Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2840.	1.8	20
3106	Macromolecule-suppressed GABA measurements correlate more strongly with behavior than macromolecule-contaminated GABA+ $\alpha$ measurements. <i>Brain Research</i> , 2018, 1701, 204-211.	1.1	19
3107	Histone Deacetylase Inhibitors Synergize with Catalytic Inhibitors of EZH2 to Exhibit Antitumor Activity in Small Cell Carcinoma of the Ovary, Hypercalcemic Type. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2767-2779.	1.9	50
3108	Alterations of GABAergic Neuron-Associated Extracellular Matrix and Synaptic Responses in Gad1-Heterozygous Mice Subjected to Prenatal Stress. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 284.	1.8	31
3109	Fruit Decay to Diseases: Can Induced Resistance and Priming Help?. <i>Plants</i> , 2018, 7, 77.	1.6	48
3110	A unique intracellular tyrosine in neuroligin-1 regulates AMPA receptor recruitment during synapse differentiation and potentiation. <i>Nature Communications</i> , 2018, 9, 3979.	5.8	40
3111	Structure, Function, and Modulation of $\hat{1}^3$ -Aminobutyric Acid Transporter 1 (GAT1) in Neurological Disorders: A Pharmacoinformatic Prospective. <i>Frontiers in Chemistry</i> , 2018, 6, 397.	1.8	29
3112	Long noncoding RNA <i>SYISL</i> regulates myogenesis by interacting with polycomb repressive complex 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9802-E9811.	3.3	106
3113	Prognostic Factors for Checkpoint Inhibitor Based Immunotherapy: An Update With New Evidences. <i>Frontiers in Pharmacology</i> , 2018, 9, 1050.	1.6	48
3114	Genome-wide discovery of somatic regulatory variants in diffuse large B-cell lymphoma. <i>Nature Communications</i> , 2018, 9, 4001.	5.8	102
3115	The effect of Neuroligin-2 absence on sleep architecture and electroencephalographic activity in mice. <i>Molecular Brain</i> , 2018, 11, 52.	1.3	14
3116	Inhibitory Interneurons Regulate Temporal Precision and Correlations in Cortical Circuits. <i>Trends in Neurosciences</i> , 2018, 41, 689-700.	4.2	172
3117	Physiological and Pathological Roles of CaMKII-PP1 Signaling in the Brain. <i>International Journal of Molecular Sciences</i> , 2018, 19, 20.	1.8	57
3118	SWI/SNF catalytic subunits $\alpha$ ™ switch drives resistance to EZH2 inhibitors in ARID1A-mutated cells. <i>Nature Communications</i> , 2018, 9, 4116.	5.8	38
3119	Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease. <i>New England Journal of Medicine</i> , 2018, 379, 2131-2139.	13.9	261
3120	Identification of mutations in SLC4A1, GP1BA and HFE in a family with venous thrombosis of unknown cause by next $\alpha$ generation sequencing. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 4172-4180.	0.8	6
3121	The Reelin Receptors Apolipoprotein E receptor 2 (ApoER2) and VLDL Receptor. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3090.	1.8	53
3122	The ClinGen Epilepsy Gene Curation Expert Panel $\alpha$ ™ Bridging the divide between clinical domain knowledge and formal gene curation criteria. <i>Human Mutation</i> , 2018, 39, 1476-1484.	1.1	33

#	ARTICLE	IF	CITATIONS
3123	Social Stimulus Causes Aberrant Activation of the Medial Prefrontal Cortex in a Mouse Model With Autism-Like Behaviors. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 35.	1.3	23
3124	KMT2B Is Selectively Required for Neuronal Transdifferentiation, and Its Loss Exposes Dystonia Candidate Genes. <i>Cell Reports</i> , 2018, 25, 988-1001.	2.9	28
3125	Immune Dysfunction and Autoimmunity as Pathological Mechanisms in Autism Spectrum Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 405.	1.8	168
3126	ClinGen's GenomeConnect registry enables patient-centered data sharing. <i>Human Mutation</i> , 2018, 39, 1668-1676.	1.1	25
3127	In vivo two-photon imaging of the embryonic cortex reveals spontaneous ketamine-sensitive calcium activity. <i>Scientific Reports</i> , 2018, 8, 16059.	1.6	14
3128	Symptomatic seizures in preterm newborns: a review on clinical features and prognosis. <i>Italian Journal of Pediatrics</i> , 2018, 44, 115.	1.0	27
3129	Rectifying Resistive Memory Devices as Dynamic Complementary Artificial Synapses. <i>Frontiers in Neuroscience</i> , 2018, 12, 755.	1.4	7
3130	Modeling driver cells in developing neuronal networks. <i>PLoS Computational Biology</i> , 2018, 14, e1006551.	1.5	13
3131	PINES: phenotype-informed tissue weighting improves prediction of pathogenic noncoding variants. <i>Genome Biology</i> , 2018, 19, 173.	3.8	28
3132	Jejunal Metabolic Responses to Escherichia coli Infection in Piglets. <i>Frontiers in Microbiology</i> , 2018, 9, 2465.	1.5	13
3133	Maternal immune activation alters brain microRNA expression in mouse offspring. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1264-1276.	1.7	14
3134	Impact of structural prior knowledge in SNV prediction: Towards causal variant finding in rare disease. <i>PLoS ONE</i> , 2018, 13, e0204101.	1.1	3
3135	Gene-specific criteria for <i>PTEN</i> variant curation: Recommendations from the ClinGen PTEN Expert Panel. <i>Human Mutation</i> , 2018, 39, 1581-1592.	1.1	123
3136	ClinGen Variant Curation Expert Panel experiences and standardized processes for disease and gene-level specification of the ACMG/AMP guidelines for sequence variant interpretation. <i>Human Mutation</i> , 2018, 39, 1614-1622.	1.1	132
3137	Predicting variant deleteriousness in non-human species: applying the CADD approach in mouse. <i>BMC Bioinformatics</i> , 2018, 19, 373.	1.2	10
3138	Base editing: precision chemistry on the genome and transcriptome of living cells. <i>Nature Reviews Genetics</i> , 2018, 19, 770-788.	7.7	1,072
3139	Reduced Excitability and Increased Neurite Complexity of Cortical Interneurons in a Familial Mouse Model of Amyotrophic Lateral Sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 328.	1.8	19
3140	Demethylation of G-Protein-Coupled Receptor 151 Promoter Facilitates the Binding of Krüppel-Like Factor 5 and Enhances Neuropathic Pain after Nerve Injury in Mice. <i>Journal of Neuroscience</i> , 2018, 38, 10535-10551.	1.7	41

#	ARTICLE	IF	CITATIONS
3141	Sex-Dependent Effects of Environmental Enrichment on Spatial Memory and Brain-Derived Neurotrophic Factor (BDNF) Signaling in a Developmental "Two-Hit" Mouse Model Combining BDNF Haploinsufficiency and Chronic Glucocorticoid Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 227.	1.0	13
3142	A Biased Bayesian Inference for Decision-Making and Cognitive Control. <i>Frontiers in Neuroscience</i> , 2018, 12, 734.	1.4	14
3143	Genetic and Phenotypic Characterization of Community Hospital Patients With QT Prolongation. <i>Journal of the American Heart Association</i> , 2018, 7, e009706.	1.6	6
3144	NFIB Haploinsufficiency Is Associated with Intellectual Disability and Macrocephaly. <i>American Journal of Human Genetics</i> , 2018, 103, 752-768.	2.6	40
3145	GPR40 modulates epileptic seizure and NMDA receptor function. <i>Science Advances</i> , 2018, 4, eaau2357.	4.7	44
3146	Six Years (2012–2018) of Researches on Catalytic EZH2 Inhibitors: The Boom of the 2-Pyridone Compounds. <i>Chemical Record</i> , 2018, 18, 1818-1832.	2.9	76
3147	Accurate prediction of protein-lncRNA interactions by diffusion and HeteSim features across heterogeneous network. <i>BMC Bioinformatics</i> , 2018, 19, 370.	1.2	32
3148	Pharmacoeconomic Interventions as Novel Potential Treatments for Alzheimer's and Parkinson's Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3199.	1.8	45
3149	Transcranial direct current stimulation (tDCS) over right temporoparietal junction (rTPJ) for social cognition and social skills in adults with autism spectrum disorder (ASD). <i>Journal of Neural Transmission</i> , 2018, 125, 1857-1866.	1.4	34
3150	Ataxia telangiectasia alters the ApoB and reelin pathway. <i>Neurogenetics</i> , 2018, 19, 237-255.	0.7	9
3151	Mechanism of BDNF Modulation in GABAergic Synaptic Transmission in Healthy and Disease Brains. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 273.	1.8	72
3152	Metabolism and Epigenetic Interplay in Cancer: Regulation and Putative Therapeutic Targets. <i>Frontiers in Genetics</i> , 2018, 9, 427.	1.1	88
3153	Voltage-Dependent Calcium Channels, Calcium Binding Proteins, and Their Interaction in the Pathological Process of Epilepsy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2735.	1.8	41
3154	Short term optical defocus perturbs normal developmental shifts in retina/RPE protein abundance. <i>BMC Developmental Biology</i> , 2018, 18, 18.	2.1	11
3155	Altered Amygdala Excitation and CB1 Receptor Modulation of Aggressive Behavior in the Neuroligin-3R451C Mouse Model of Autism. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 234.	1.8	45
3156	GABA Neuronal Deletion of Shank3 Exons 14–16 in Mice Suppresses Striatal Excitatory Synaptic Input and Induces Social and Locomotor Abnormalities. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 341.	1.8	45
3157	Utility of trio-based exome sequencing in the elucidation of the genetic basis of isolated syndromic intellectual disability: illustrative cases. <i>The Application of Clinical Genetics</i> , 2018, Volume 11, 93-98.	1.4	34
3158	Fellutamide B Synthetic Path Intermediates with in Vitro Neuroactive Function Shows Mood-Elevating Effect in Stress-Induced Zebrafish Model. <i>ACS Omega</i> , 2018, 3, 10534-10544.	1.6	4

#	ARTICLE	IF	CITATIONS
3159	Challenges imposed by minor reference alleles on the identification and reporting of clinical variants from exome data. <i>BMC Genomics</i> , 2018, 19, 46.	1.2	14
3160	Foxp2 loss of function increases striatal direct pathway inhibition via increased GABA release. <i>Brain Structure and Function</i> , 2018, 223, 4211-4226.	1.2	20
3161	Synaptic dysfunction in neurodegenerative and neurodevelopmental diseases: an overview of induced pluripotent stem-cell-based disease models. <i>Open Biology</i> , 2018, 8, .	1.5	126
3162	Parallel Development of Chromatin Patterns, Neuron Morphology, and Connections: Potential for Disruption in Autism. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 70.	0.9	21
3163	Neuroendocrine aspects of improving sleep in epilepsy. <i>Epilepsy Research</i> , 2018, 147, 32-41.	0.8	24
3164	Maternal Deprivation Enhances Contextual Fear Memory via Epigenetically Programming Second-Hit Stress-Induced Reelin Expression in Adult Rats. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 1037-1048.	1.0	11
3165	Developmental changes in plasticity, synaptic, glia, and connectivity protein levels in rat medial prefrontal cortex. <i>Learning and Memory</i> , 2018, 25, 533-543.	0.5	9
3166	A sequence-based, deep learning model accurately predicts RNA splicing branchpoints. <i>Rna</i> , 2018, 24, 1647-1658.	1.6	59
3167	3-Chloro-N <sup>ε</sup> -(2-hydroxybenzylidene) benzohydrazide: An LSD1-Selective Inhibitor and Iron-Chelating Agent for Anticancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1006.	1.6	14
3168	Genomic Landscape and Mutational Signatures of Deafness-Associated Genes. <i>American Journal of Human Genetics</i> , 2018, 103, 484-497.	2.6	214
3169	A novel MFSD8 mutation in a Russian patient with neuronal ceroid lipofuscinosis type 7: a case report. <i>BMC Medical Genetics</i> , 2018, 19, 151.	2.1	8
3170	Developmental nicotine exposure alters glycinergic neurotransmission to hypoglossal motoneurons in neonatal rats. <i>Journal of Neurophysiology</i> , 2018, 120, 1135-1142.	0.9	7
3171	Environmental Enrichment During Adolescence Acts as a Protective and Therapeutic Tool for Ethanol Binge-Drinking, Anxiety-Like, Novelty Seeking and Compulsive-Like Behaviors in C57BL/6J Mice During Adulthood. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 177.	1.0	20
3172	The 2017 Dodge Young Investigator Award Lecture: Toward Novel Circuit Therapies for Autism. <i>Pediatric Neurology</i> , 2018, 87, 11-19.	1.0	1
3173	Protective effects of $\hat{1}^3$ -aminobutyric acid against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in RIN-m5F pancreatic cells. <i>Nutrition and Metabolism</i> , 2018, 15, 60.	1.3	21
3174	Maternal inhalation of carbon black nanoparticles induces neurodevelopmental changes in mouse offspring. <i>Particle and Fibre Toxicology</i> , 2018, 15, 36.	2.8	53
3175	Zebrafish Models of Neurodevelopmental Disorders: Past, Present, and Future. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 294.	1.4	111
3176	Induced Resistance Against Western Flower Thrips by the <i>Pseudomonas syringae</i> -Derived Defense Elicitors in Tomato. <i>Frontiers in Plant Science</i> , 2018, 9, 1417.	1.7	15

#	ARTICLE	IF	CITATIONS
3177	Oxytocin and Vasopressin, and the GABA Developmental Shift During Labor and Birth: Friends or Foes?. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 254.	1.8	21
3178	β2 GABAAR Trafficking and the Consequences of Human Genetic Variation. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 265.	1.8	20
3179	M-Calpain Activation Facilitates Seizure Induced KCC2 Down Regulation. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 287.	1.4	17
3180	Targeting EZH2 in Multiple Myeloma—Multifaceted Anti-Tumor Activity. <i>Epigenomes</i> , 2018, 2, 16.	0.8	18
3181	Laminar Distribution of Neurochemically-Identified Interneurons and Cellular Co-expression of Molecular Markers in Epileptic Human Cortex. <i>Neuroscience Bulletin</i> , 2018, 34, 992-1006.	1.5	17
3182	cAMP Response Element-Binding Protein (CREB): A Possible Signaling Molecule Link in the Pathophysiology of Schizophrenia. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 255.	1.4	250
3183	GABRG2 C588T gene polymorphisms might be a predictive genetic marker of febrile seizures and generalized recurrent seizures: a case-control study in a Romanian pediatric population. <i>Archives of Medical Science</i> , 2018, 1, 157-166.	0.4	18
3184	In vivo phosphoproteomics reveals kinase activity profiles that predict treatment outcome in triple-negative breast cancer. <i>Nature Communications</i> , 2018, 9, 3501.	5.8	45
3185	Quantitative Activity Profile and Context Dependence of All Human 5â€² Splice Sites. <i>Molecular Cell</i> , 2018, 71, 1012-1026.e3.	4.5	76
3186	Enhanced autophagy contributes to excitotoxic lesions in a rat model of preterm brain injury. <i>Cell Death and Disease</i> , 2018, 9, 853.	2.7	24
3187	The histamine H3R antagonist DL77 attenuates autistic behaviors in a prenatal valproic acid-induced mouse model of autism. <i>Scientific Reports</i> , 2018, 8, 13077.	1.6	58
3188	Genetic and animal model analyses reveal the pathogenic role of a novel deletion of RELN in schizophrenia. <i>Scientific Reports</i> , 2018, 8, 13046.	1.6	38
3189	KCC2 Regulates Dendritic Spine Formation in a Brain-Region Specific and BDNF Dependent Manner. <i>Cerebral Cortex</i> , 2018, 28, 4049-4062.	1.6	35
3190	Juvenile stress induces behavioral change and affects perineuronal net formation in juvenile mice. <i>BMC Neuroscience</i> , 2018, 19, 41.	0.8	29
3191	Novel mutations in HSF4 cause congenital cataracts in Chinese families. <i>BMC Medical Genetics</i> , 2018, 19, 150.	2.1	10
3192	Acid ceramidase deficiency: Farber disease and SMA-PME. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 121.	1.2	91
3193	Ablation of Ezh2 in neural crest cells leads to aberrant enteric nervous system development in mice. <i>PLoS ONE</i> , 2018, 13, e0203391.	1.1	13
3194	Frequency of genetic variants associated with arrhythmogenic right ventricular cardiomyopathy in the genome aggregation database. <i>European Journal of Human Genetics</i> , 2018, 26, 1312-1318.	1.4	31

#	ARTICLE	IF	CITATIONS
3195	<em>Ex Utero</em> Electroporation and Organotypic Slice Cultures of Embryonic Mouse Brains for Live-Imaging of Migrating GABAergic Interneurons. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1
3196	Delayed injury of hippocampal interneurons after neonatal hypoxia&#x2013;ischemia and therapeutic hypothermia in a murine model. <i>Hippocampus</i> , 2018, 28, 617-630.	0.9	37
3197	Spontaneous resting&#x2013;state gamma oscillations are not predictive of autistic traits in the general population. <i>European Journal of Neuroscience</i> , 2018, 48, 2928-2937.	1.2	3
3198	ClinVar Miner: Demonstrating utility of a Web-based tool for viewing and filtering ClinVar data. <i>Human Mutation</i> , 2018, 39, 1051-1060.	1.1	81
3199	Cerebro-Cerebellar Functional Connectivity is Associated with Cerebellar Excitation&#x2013;Inhibition Balance in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 3460-3473.	1.7	38
3200	iTRAQ-based quantitative proteomic analysis of dark-germinated soybeans in response to salt stress. <i>RSC Advances</i> , 2018, 8, 17905-17913.	1.7	21
3201	Melanopsin Retinal Ganglion Cells Regulate Cone Photoreceptor Lamination in the Mouse Retina. <i>Cell Reports</i> , 2018, 23, 2416-2428.	2.9	29
3202	Enhancer of zeste homolog 2-catalysed H3K27 trimethylation plays a key role in acute-on-chronic liver failure via TNF-mediated pathway. <i>Cell Death and Disease</i> , 2018, 9, 590.	2.7	25
3203	5-Hydroxymethylcytosine alterations in the human postmortem brains of autism spectrum disorder. <i>Human Molecular Genetics</i> , 2018, 27, 2955-2964.	1.4	28
3204	Autistic traits in epilepsy models: Why, when and how?. <i>Epilepsy Research</i> , 2018, 144, 62-70.	0.8	13
3205	Genetics in mainstream medicine: Finally within grasp to influence healthcare globally. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2018, 6, 473-480.	0.6	8
3206	Lasting changes induced by mild alcohol exposure during embryonic development in <scp>BDNF</scp>, <scp>NCAM</scp> and synaptophysin&#x2013;positive neurons quantified in adult zebrafish. <i>European Journal of Neuroscience</i> , 2018, 47, 1457-1473.	1.2	27
3207	Association of DNA methylation in BDNF with escitalopram treatment response in depressed Chinese Han patients. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 1011-1020.	0.8	42
3208	Long-term Reductions in the Population of GABAergic Interneurons in the Mouse Hippocampus following Developmental Ethanol Exposure. <i>Neuroscience</i> , 2018, 383, 60-73.	1.1	32
3209	Histone deacetylase inhibitor MS-275 restores social and synaptic function in a Shank3-deficient mouse model of autism. <i>Neuropsychopharmacology</i> , 2018, 43, 1779-1788.	2.8	48
3210	SNPNexus: assessing the functional relevance of genetic variation to facilitate the promise of precision medicine. <i>Nucleic Acids Research</i> , 2018, 46, W109-W113.	6.5	163
3211	Epigenetic mechanisms as a new approach in cancer treatment: An updated review. <i>Genes and Diseases</i> , 2018, 5, 304-311.	1.5	146
3212	A paternal methyl donor depleted diet leads to increased anxiety- and depression-like behavior in adult rat offspring. <i>Bioscience Reports</i> , 2018, 38, .	1.1	20

#	ARTICLE	IF	CITATIONS
3213	Epigenetic Modifications of the <i>h19</i> -Synuclein Gene and Relative Protein Content Are Affected by Ageing and Physical Exercise in Blood from Healthy Subjects. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	1.9	16
3214	Dysregulation of GABAergic Signalling Contributes in the Pathogenesis of Diarrhea-predominant Irritable Bowel Syndrome. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 422-430.	0.8	19
3215	Input-dependent modulation of MEG gamma oscillations reflects gain control in the visual cortex. <i>Scientific Reports</i> , 2018, 8, 8451.	1.6	23
3216	Chromosomal Conformations and Epigenomic Regulation in Schizophrenia. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 157, 21-40.	0.9	16
3217	Whole-Genome Sequencing in Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 614-622.	1.4	22
3218	appreci8: a pipeline for precise variant calling integrating 8 tools. <i>Bioinformatics</i> , 2018, 34, 4205-4212.	1.8	26
3219	Experience-dependent MeCP2 expression in the excitatory cells of mouse visual thalamus. <i>PLoS ONE</i> , 2018, 13, e0198268.	1.1	8
3220	Molecular and Clinical Insights into the Role and Significance of Mutated DNA Repair Genes in Bladder Cancer. <i>Bladder Cancer</i> , 2018, 4, 9-18.	0.2	18
3221	Molecular insights into cardiomyopathies associated with desmin (DES) mutations. <i>Biophysical Reviews</i> , 2018, 10, 983-1006.	1.5	102
3222	Morphometric analysis and neuroanatomical mapping of the zebrafish brain. <i>Methods</i> , 2018, 150, 49-62.	1.9	34
3223	A variant in LMX1A causes autosomal recessive severe-to-profound hearing impairment. <i>Human Genetics</i> , 2018, 137, 471-478.	1.8	18
3224	De novo variants in GABRA2 and GABRA5 alter receptor function and contribute to early-onset epilepsy. <i>Brain</i> , 2018, 141, 2392-2405.	3.7	71
3225	Suppression and facilitation of human neural responses. <i>ELife</i> , 2018, 7, .	2.8	48
3226	Forniceal deep brain stimulation induces gene expression and splicing changes that promote neurogenesis and plasticity. <i>ELife</i> , 2018, 7, .	2.8	39
3227	Lung Cancer Therapy Targeting Histone Methylation: Opportunities and Challenges. <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 211-223.	1.9	52
3228	What can we learn about brain donors? Use of clinical information in human postmortem brain research. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 150, 181-196.	1.0	8
3229	The Dynamic DNA Demethylation during Postnatal Neuronal Development and Neural Stem Cell Differentiation. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	14
3230	EZH2 Inhibition Ameliorates Transverse Aortic Constriction-Induced Pulmonary Arterial Hypertension in Mice. <i>Canadian Respiratory Journal</i> , 2018, 2018, 1-8.	0.8	18

#	ARTICLE	IF	CITATIONS
3231	Targeting EZH2 reactivates a breast cancer subtype-specific anti-metastatic transcriptional program. <i>Nature Communications</i> , 2018, 9, 2547.	5.8	63
3232	Layer I Interneurons Sharpen Sensory Maps during Neonatal Development. <i>Neuron</i> , 2018, 99, 98-116.e7.	3.8	72
3233	Regulation of Adult Neurogenesis by the Fragile X Family of RNA Binding Proteins. <i>Brain Plasticity</i> , 2018, 3, 205-223.	1.9	10
3234	Clinical Presentation of Preeclampsia and the Diagnostic Value of Proteins and Their Methylation Products as Biomarkers in Pregnant Women with Preeclampsia and Their Newborns. <i>Journal of Pregnancy</i> , 2018, 2018, 1-23.	1.1	39
3235	Neuromagnetic Beta-Band Oscillations during Motor Imitation in Youth with Autism. <i>Autism Research &amp; Treatment</i> , 2018, 2018, 1-12.	0.1	8
3236	Neuregulin 3 promotes excitatory synapse formation on hippocampal interneurons. <i>EMBO Journal</i> , 2018, 37, .	3.5	45
3237	Canonical Wnt signaling regulates patterning, differentiation and nucleogenesis in mouse hypothalamus and prethalamus. <i>Developmental Biology</i> , 2018, 442, 236-248.	0.9	29
3238	Sigmoid colon mucosal gene expression supports alterations of neuronal signaling in irritable bowel syndrome with constipation. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G140-G157.	1.6	18
3239	Myoediting: Toward Prevention of Muscular Dystrophy by Therapeutic Genome Editing. <i>Physiological Reviews</i> , 2018, 98, 1205-1240.	13.1	31
3240	Pan-Cancer Analysis Reveals the Functional Importance of Protein Lysine Modification in Cancer Development. <i>Frontiers in Genetics</i> , 2018, 9, 254.	1.1	39
3241	The development of human visual cortex and clinical implications. <i>Eye and Brain</i> , 2018, Volume 10, 25-36.	3.8	88
3242	Spontaneously opening GABA <sub>A</sub> receptors play a significant role in neuronal signal filtering and integration. <i>Cell Death and Disease</i> , 2018, 9, 813.	2.7	12
3243	DNMT1 regulates expression of MHC class I in post-mitotic neurons. <i>Molecular Brain</i> , 2018, 11, 36.	1.3	18
3244	Auditory midbrain coding of statistical learning that results from discontinuous sensory stimulation. <i>PLoS Biology</i> , 2018, 16, e2005114.	2.6	21
3245	Chemogenetic Isolation Reveals Synaptic Contribution of $\hat{\gamma}$ GABA <sub>A</sub> Receptors in Mouse Dentate Granule Neurons. <i>Journal of Neuroscience</i> , 2018, 38, 8128-8145.	1.7	21
3246	JNK Regulation of Depression and Anxiety. <i>Brain Plasticity</i> , 2018, 3, 145-155.	1.9	34
3247	Maturation of GABAergic Transmission in Cerebellar Purkinje Cells Is Sex Dependent and Altered in the Valproate Model of Autism. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 232.	1.8	16
3248	Expression and purification of a functional heteromeric GABA <sub>A</sub> receptor for structural studies. <i>PLoS ONE</i> , 2018, 13, e0201210.	1.1	6

#	ARTICLE	IF	CITATIONS
3249	Targeting DNA Methyltransferases in Urological Tumors. <i>Frontiers in Pharmacology</i> , 2018, 9, 366.	1.6	29
3250	Pretreatment with AQP4 and NKCC1 Inhibitors Concurrently Attenuated Spinal Cord Edema and Tissue Damage after Spinal Cord Injury in Rats. <i>Frontiers in Physiology</i> , 2018, 9, 6.	1.3	30
3251	GABA Shunt in Durum Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 100.	1.7	166
3252	Perinatal Hypoxia and Ischemia in Animal Models of Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018, 9, 106.	1.3	10
3253	Arylsulphatase A Pseudodeficiency (ARSA-PD), hypertension and chronic renal disease in Aboriginal Australians. <i>Scientific Reports</i> , 2018, 8, 10912.	1.6	5
3254	Tsix <sup>fl</sup> Mecp2 female mouse model for Rett syndrome reveals that low-level MECP2 expression extends life and improves neuromotor function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8185-8190.	3.3	30
3255	Vitexin reduces epilepsy after hypoxic ischemia in the neonatal brain via inhibition of NKCC1. <i>Journal of Neuroinflammation</i> , 2018, 15, 186.	3.1	30
3256	Novel Mutations in the Asparagine Synthetase Gene (ASNS) Associated With Microcephaly. <i>Frontiers in Genetics</i> , 2018, 9, 245.	1.1	15
3257	Structure-Function Relationship of Transporters in the Glutamate-Glutamine Cycle of the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1177.	1.8	41
3258	Gestational Hypoxia and Developmental Plasticity. <i>Physiological Reviews</i> , 2018, 98, 1241-1334.	13.1	123
3259	Novel PLP1 Mutations Identified With Next-Generation Sequencing Expand the Spectrum of PLP1-Associated Leukodystrophy Clinical Phenotypes. <i>Child Neurology Open</i> , 2018, 5, 2329048X1878928.	0.5	1
3260	Homeostatic plasticity in neural development. <i>Neural Development</i> , 2018, 13, 9.	1.1	83
3261	Performance evaluation of pathogenicity-computation methods for missense variants. <i>Nucleic Acids Research</i> , 2018, 46, 7793-7804.	6.5	168
3262	Human gut bacteria as potent class I histone deacetylase inhibitors in vitro through production of butyric acid and valeric acid. <i>PLoS ONE</i> , 2018, 13, e0201073.	1.1	171
3263	The role of hippocampal adult neurogenesis in methamphetamine addiction. <i>Brain Plasticity</i> , 2018, 3, 157-168.	1.9	14
3264	Glycine Promotes the Survival of a Subpopulation of Neural Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 68.	1.8	6
3265	Uncovering a critical period of synaptic imbalance during postnatal development of the rat visual cortex: role of brain-derived neurotrophic factor. <i>Journal of Physiology</i> , 2018, 596, 4511-4536.	1.3	16
3266	Epigenetic Programming Effects of Early Life Stress: A Dual-Activation Hypothesis. <i>Current Genomics</i> , 2018, 19, 638-652.	0.7	19

#	ARTICLE	IF	CITATIONS
3267	Transcriptomic Evidence for Alterations in Astrocytes and Parvalbumin Interneurons in Subjects With Bipolar Disorder and Schizophrenia. <i>Biological Psychiatry</i> , 2018, 84, 787-796.	0.7	89
3268	Influence of hippocampal GABAB receptor inhibition on memory in rats with acute $\beta$ -amyloid toxicity. <i>Metabolic Brain Disease</i> , 2018, 33, 1859-1867.	1.4	22
3269	SWI/SNF Complexes in Ovarian Cancer: Mechanistic Insights and Therapeutic Implications. <i>Molecular Cancer Research</i> , 2018, 16, 1819-1825.	1.5	32
3270	Actin cytoskeleton dynamics in stem cells from autistic individuals. <i>Scientific Reports</i> , 2018, 8, 11138.	1.6	29
3271	Irrelevance by inhibition: Learning, computation, and implications for schizophrenia. <i>PLoS Computational Biology</i> , 2018, 14, e1006315.	1.5	3
3272	Meta-analysis of GABRB3 Gene Polymorphisms and Susceptibility to Autism Spectrum Disorder. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 432-437.	1.1	10
3273	Cajal-Retzius cells and GABAergic interneurons of the developing hippocampus: Close electrophysiological encounters of the third kind. <i>Brain Research</i> , 2018, 1697, 124-133.	1.1	13
3274	Similar nicotinic excitability responses across the developing hippocampal formation are regulated by small-conductance calcium-activated potassium channels. <i>Journal of Neurophysiology</i> , 2018, 119, 1707-1722.	0.9	5
3275	Assembly and maintenance of GABAergic and Glycinergic circuits in the mammalian nervous system. <i>Neural Development</i> , 2018, 13, 12.	1.1	22
3276	RNAi screening of subtracted transcriptomes reveals tumor suppression by taurine-activated GABAA receptors involved in volume regulation. <i>PLoS ONE</i> , 2018, 13, e0196979.	1.1	1
3277	G Protein-Coupled Receptors As Regulators of Localized Translation: The Forgotten Pathway?. <i>Frontiers in Endocrinology</i> , 2018, 9, 17.	1.5	4
3278	Screening of the LAMB2, WT1, NPHS1, and NPHS2 Genes in Pediatric Nephrotic Syndrome. <i>Frontiers in Genetics</i> , 2018, 9, 214.	1.1	6
3279	CDG: An Online Server for Detecting Biologically Closest Disease-Causing Genes and its Application to Primary Immunodeficiency. <i>Frontiers in Immunology</i> , 2018, 9, 1340.	2.2	6
3280	TRPC1 Channels Are Expressed in Pyramidal Neurons and in a Subset of Somatostatin Interneurons in the Rat Neocortex. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 15.	0.9	9
3281	Shaping Synapses by the Neural Extracellular Matrix. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 40.	0.9	130
3282	Altered Behavior in Mice Socially Isolated During Adolescence Corresponds With Immature Dendritic Spine Morphology and Impaired Plasticity in the Prefrontal Cortex. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 87.	1.0	46
3283	A Method to Culture GABAergic Interneurons Derived from the Medial Ganglionic Eminence. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 423.	1.8	11
3284	KCC2-dependent Steady-state Intracellular Chloride Concentration and pH in Cortical Layer 2/3 Neurons of Anesthetized and Awake Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 7.	1.8	18

#	ARTICLE	IF	CITATIONS
3285	Low-Frequency rTMS Ameliorates Autistic-Like Behaviors in Rats Induced by Neonatal Isolation Through Regulating the Synaptic GABA Transmission. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 46.	1.8	27
3286	GABA and Gap Junctions in the Development of Synchronized Activity in Human Pluripotent Stem Cell-Derived Neural Networks. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 56.	1.8	17
3287	Chloride Homeostasis in Neurons With Special Emphasis on the Olivocerebellar System: Differential Roles for Transporters and Channels. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 101.	1.8	36
3288	The Effect of Single Pyramidal Neuron Firing Within Layer 2/3 and Layer 4 in Mouse V1. <i>Frontiers in Neural Circuits</i> , 2018, 12, 29.	1.4	2
3289	PV Interneurons: Critical Regulators of E/I Balance for Prefrontal Cortex-Dependent Behavior and Psychiatric Disorders. <i>Frontiers in Neural Circuits</i> , 2018, 12, 37.	1.4	403
3290	Cocaine-Induced Changes in Low-Dimensional Attractors of Local Field Potentials in Optogenetic Mice. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 2.	1.2	2
3291	Modulating the Oxytocin System During the Perinatal Period: A New Strategy for Neuroprotection of the Immature Brain?. <i>Frontiers in Neurology</i> , 2018, 9, 229.	1.1	25
3292	Transcranial Direct Current Stimulation (tDCS) Can Modulate EEG Complexity of Children With Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 201.	1.4	29
3293	Pleiotropic Effects of Variants in Dementia Genes in Parkinson Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 230.	1.4	21
3294	Current Enlightenment About Etiology and Pharmacological Treatment of Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 304.	1.4	134
3295	Autistic Traits Are Not a Strong Predictor of Binocular Rivalry Dynamics. <i>Frontiers in Neuroscience</i> , 2018, 12, 338.	1.4	7
3296	Epigenetic and Transcriptional Pre-patterning—An Emerging Theme in Cortical Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 359.	1.4	29
3297	Image-Based Profiling of Synaptic Connectivity in Primary Neuronal Cell Culture. <i>Frontiers in Neuroscience</i> , 2018, 12, 389.	1.4	30
3298	Common Defects of Spine Dynamics and Circuit Function in Neurodevelopmental Disorders: A Systematic Review of Findings From in Vivo Optical Imaging of Mouse Models. <i>Frontiers in Neuroscience</i> , 2018, 12, 412.	1.4	34
3299	Microglia Gone Rogue: Impacts on Psychiatric Disorders across the Lifespan. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 421.	1.4	151
3300	Glycine Receptor Activation Impairs ATP-Induced Calcium Transients in Cultured Cortical Astrocytes. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 444.	1.4	7
3301	Persistent Expression of Serotonin Receptor 5b Alters Breathing Behavior in Male MeCP2 Knockout Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 28.	1.4	12
3302	Species-Specific 5 mC and 5 hmC Genomic Landscapes Indicate Epigenetic Contribution to Human Brain Evolution. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 39.	1.4	16

#	ARTICLE	IF	CITATIONS
3303	SAHA (Vorinostat) Corrects Inhibitory Synaptic Deficits Caused by Missense Epilepsy Mutations to the GABAA Receptor $\beta 2$ Subunit. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 89.	1.4	7
3304	SALM/Lrfr Family Synaptic Adhesion Molecules. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 105.	1.4	26
3305	The Communication Between the Immune and Nervous Systems: The Role of IL-1 $\beta$ in Synaptopathies. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 111.	1.4	45
3306	Common Ribs of Inhibitory Synaptic Dysfunction in the Umbrella of Neurodevelopmental Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 132.	1.4	19
3307	Sequential Role of SOXB2 Factors in GABAergic Neuron Specification of the Dorsal Midbrain. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 152.	1.4	14
3308	The Role of Activity-Dependent DNA Demethylation in the Adult Brain and in Neurological Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 169.	1.4	45
3309	Shank2 Deletion in Parvalbumin Neurons Leads to Moderate Hyperactivity, Enhanced Self-Grooming and Suppressed Seizure Susceptibility in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 209.	1.4	37
3310	Resveratrol Prevents Cellular and Behavioral Sensory Alterations in the Animal Model of Autism Induced by Valproic Acid. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 9.	1.3	41
3311	Prospects of Zinc Supplementation in Autism Spectrum Disorders and Shankopathies Such as Phelan McDermid Syndrome. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 11.	1.3	33
3312	Modeling Neurological Diseases With Human Brain Organoids. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 15.	1.3	136
3313	Exploratory Study of rTMS Neuromodulation Effects on Electrocortical Functional Measures of Performance in an Oddball Test and Behavioral Symptoms in Autism. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 20.	1.2	24
3314	Epigenetic Regulators in the Development, Maintenance, and Therapeutic Targeting of Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2018, 8, 41.	1.3	56
3315	Precision Medicine: From Science To Value. <i>Health Affairs</i> , 2018, 37, 694-701.	2.5	455
3316	Structure and energy based quantitative missense variant effect analysis provides insights into drug resistance mechanisms of anaplastic lymphoma kinase mutations. <i>Scientific Reports</i> , 2018, 8, 10664.	1.6	13
3317	Perinatal Pb <sup>2+</sup> exposure alters the expression of genes related to the neurodevelopmental GABA-shift in postnatal rats. <i>Journal of Biomedical Science</i> , 2018, 25, 45.	2.6	16
3318	Reelin Haploinsufficiency and Late-Adolescent Corticosterone Treatment Induce Long-Lasting and Female-Specific Molecular Changes in the Dorsal Hippocampus. <i>Brain Sciences</i> , 2018, 8, 118.	1.1	5
3319	On the Developmental Timing of Stress: Delineating Sex-Specific Effects of Stress across Development on Adult Behavior. <i>Brain Sciences</i> , 2018, 8, 121.	1.1	35
3320	Targeting Epigenetic Aberrations in Pancreatic Cancer, a New Path to Improve Patient Outcomes?. <i>Cancers</i> , 2018, 10, 128.	1.7	24

#	ARTICLE	IF	CITATIONS
3321	Deletion of TLR-4 attenuates fetal alcohol exposure-induced gene expression and social interaction deficits. <i>Alcohol</i> , 2018, 73, 73-78.	0.8	12
3322	Potential role for histone deacetylation in chronic diazepam-induced downregulation of $\pm 1$ GABA <sub>A</sub> receptor subunit expression. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00416.	1.1	11
3323	Navigating the nuances of clinical sequence variant interpretation in Mendelian disease. <i>Genetics in Medicine</i> , 2018, 20, 918-926.	1.1	40
3324	Scleral hypoxia is a target for myopia control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7091-E7100.	3.3	224
3325	Rescue of hyperexcitability in hippocampal CA1 neurons from <i>Mecp2</i> (-/y) mouse through surface potential neutralization. <i>PLoS ONE</i> , 2018, 13, e0195094.	1.1	12
3326	Computational Investigation of the Missense Mutations in <i>DHCR7</i> Gene Associated with Smith-Lemli-Opitz Syndrome. <i>International Journal of Molecular Sciences</i> , 2018, 19, 141.	1.8	11
3327	What Does This Mutation Mean? The Tools and Pitfalls of Variant Interpretation in Lymphoid Malignancies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1251.	1.8	11
3328	Validation of LDLr Activity as a Tool to Improve Genetic Diagnosis of Familial Hypercholesterolemia: A Retrospective on Functional Characterization of LDLr Variants. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1676.	1.8	37
3329	Targeting Cellular Stress Mechanisms and Metabolic Homeostasis by Chinese Herbal Drugs for Neuroprotection. <i>Molecules</i> , 2018, 23, 259.	1.7	6
3330	Clinically Applicable Inhibitors Impacting Genome Stability. <i>Molecules</i> , 2018, 23, 1166.	1.7	23
3331	Transcriptome level analysis in Rett syndrome using human samples from different tissues. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 113.	1.2	34
3332	Cell Signaling in Neuronal Stem Cells. <i>Cells</i> , 2018, 7, 75.	1.8	37
3333	Proximal Pathway Enrichment Analysis for Targeting Comorbid Diseases via Network Endopharmacology. <i>Pharmaceuticals</i> , 2018, 11, 61.	1.7	32
3334	Neuron-Specific Menin Deletion Leads to Synaptic Dysfunction and Cognitive Impairment by Modulating p35 Expression. <i>Cell Reports</i> , 2018, 24, 701-712.	2.9	18
3335	<i>Gabrb2</i> -knockout mice displayed schizophrenia-like and comorbid phenotypes with interneuron-astrocyte-microglia dysregulation. <i>Translational Psychiatry</i> , 2018, 8, 128.	2.4	32
3336	Differentially Methylated Genes in Saliva are linked to Childhood Stress. <i>Scientific Reports</i> , 2018, 8, 10785.	1.6	54
3337	The conserved p.Arg108 residue in <i>S1PR2</i> (DFNB68) is fundamental for proper hearing: evidence from a consanguineous Iranian family. <i>BMC Medical Genetics</i> , 2018, 19, 81.	2.1	10
3338	Prioritization and functional assessment of noncoding variants associated with complex diseases. <i>Genome Medicine</i> , 2018, 10, 53.	3.6	33

#	ARTICLE	IF	CITATIONS
3339	Loss of maternal EED results in postnatal overgrowth. <i>Clinical Epigenetics</i> , 2018, 10, 95.	1.8	34
3340	Maturational trajectories of local and long-range functional connectivity in autism during face processing. <i>Human Brain Mapping</i> , 2018, 39, 4094-4104.	1.9	38
3341	Neural activation in response to the two sides of emotion. <i>Neuroscience Letters</i> , 2018, 684, 140-144.	1.0	22
3342	Dysfunctional Autism Risk Genes Cause Circuit-Specific Connectivity Deficits With Distinct Developmental Trajectories. <i>Cerebral Cortex</i> , 2018, 28, 2495-2506.	1.6	72
3343	Effects of Antipsychotic Drugs on the Epigenetic Modification of Brain-Derived Neurotrophic Factor Gene Expression in the Hippocampi of Chronic Restraint Stress Rats. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	19
3344	Targeting epigenetics using synthetic lethality in precision medicine. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3381-3392.	2.4	8
3345	Somatic Cell Nuclear Transfer Reprogramming: Mechanisms and Applications. <i>Cell Stem Cell</i> , 2018, 23, 471-485.	5.2	207
3346	The Genomics and Molecular Biology of Natural Killer/T-Cell Lymphoma: Opportunities for Translation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1931.	1.8	28
3347	The coexistence of copy number variations (CNVs) and single nucleotide polymorphisms (SNPs) at a locus can result in distorted calculations of the significance in associating SNPs to disease. <i>Human Genetics</i> , 2018, 137, 553-567.	1.8	57
3348	Single-cell trajectory analysis of human homogenous neurons carrying a rare RELN variant. <i>Translational Psychiatry</i> , 2018, 8, 129.	2.4	27
3349	Glycine is able to induce both a motility speed in- and decrease during zebrafish neuronal migration. <i>Communicative and Integrative Biology</i> , 2018, 11, 1-7.	0.6	8
3350	Loss of tumor suppressor IGFBP4 drives epigenetic reprogramming in hepatic carcinogenesis. <i>Nucleic Acids Research</i> , 2018, 46, 8832-8847.	6.5	40
3351	EZH2 Methyltransferase Activity Controls Pten Expression and mTOR Signaling during Fear Memory Reconsolidation. <i>Journal of Neuroscience</i> , 2018, 38, 7635-7648.	1.7	51
3352	Flow-dependent epigenetic regulation of IGFBP5 expression by H3K27me3 contributes to endothelial anti-inflammatory effects. <i>Theranostics</i> , 2018, 8, 3007-3021.	4.6	51
3353	Paradigm for disease deconvolution in rare neurodegenerative disorders in Indian population: insights from studies in cerebellar ataxias. <i>Journal of Genetics</i> , 2018, 97, 589-609.	0.4	4
3354	HDAC2-dependent Antipsychotic-like Effects of Chronic Treatment with the HDAC Inhibitor SAHA in Mice. <i>Neuroscience</i> , 2018, 388, 102-117.	1.1	31
3355	Regulation of Neuronal Differentiation, Function, and Plasticity by Alternative Splicing. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 451-469.	4.0	108
3356	Novel digenic inheritance of PCDH15 and USH1G underlies profound non-syndromic hearing impairment. <i>BMC Medical Genetics</i> , 2018, 19, 122.	2.1	18

#	ARTICLE	IF	CITATIONS
3357	Identification of genetic variants for clinical management of familial colorectal tumors. <i>BMC Medical Genetics</i> , 2018, 19, 26.	2.1	18
3358	Insulin receptor sensitization restores neocortical excitation/inhibition balance in a mouse model of autism. <i>Molecular Autism</i> , 2018, 9, 13.	2.6	13
3359	Rett syndrome: insights into genetic, molecular and circuit mechanisms. <i>Nature Reviews Neuroscience</i> , 2018, 19, 368-382.	4.9	164
3360	VARReporter: variant reporter for cancer research of massive parallel sequencing. <i>BMC Genomics</i> , 2018, 19, 86.	1.2	2
3361	Exploring the phenotypic consequences of tissue specific gene expression variation inferred from GWAS summary statistics. <i>Nature Communications</i> , 2018, 9, 1825.	5.8	748
3362	Region specific knock-out reveals distinct roles of chromatin modifiers in adult neurogenic niches. <i>Cell Cycle</i> , 2018, 17, 377-389.	1.3	9
3363	Detecting TF-miRNA-gene network based modules for 5hmC and 5mC brain samples: a intra- and inter-species case-study between human and rhesus. <i>BMC Genetics</i> , 2018, 19, 9.	2.7	19
3364	Environmental enrichment intervention for Rett syndrome: an individually randomised stepped wedge trial. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 3.	1.2	51
3365	PhenoDis: a comprehensive database for phenotypic characterization of rare cardiac diseases. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 22.	1.2	15
3366	Detection rate of causal variants in severe childhood epilepsy is highest in patients with seizure onset within the first four weeks of life. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 71.	1.2	18
3367	Genetic dissection of the neuro-glio-vascular machinery in the adult brain. <i>Molecular Brain</i> , 2018, 11, 2.	1.3	7
3368	Role of the nervous system in cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 5.	3.5	95
3369	Bystro: rapid online variant annotation and natural-language filtering at whole-genome scale. <i>Genome Biology</i> , 2018, 19, 14.	3.8	29
3370	Epigenetic regulation of HIV-1 latency: focus on polycomb group (PcG) proteins. <i>Clinical Epigenetics</i> , 2018, 10, 14.	1.8	27
3371	The VAAST Variant Prioritizer (VVP): ultrafast, easy to use whole genome variant prioritization tool. <i>BMC Bioinformatics</i> , 2018, 19, 57.	1.2	29
3372	Primary microcephaly case from the Karachay-Cherkess Republic poses an additional support for microcephaly and Seckel syndrome spectrum disorders. <i>BMC Medical Genomics</i> , 2018, 11, 8.	0.7	13
3373	iPSC-derived neurons profiling reveals GABAergic circuit disruption and acetylated $\alpha$ -tubulin defect which improves after iHDAC6 treatment in Rett syndrome. <i>Experimental Cell Research</i> , 2018, 368, 225-235.	1.2	36
3374	Moving into shape: cell migration during the development and histogenesis of the cerebellum. <i>Histochemistry and Cell Biology</i> , 2018, 150, 13-36.	0.8	13

#	ARTICLE	IF	CITATIONS
3375	Reprogramming, oscillations and transdifferentiation in epigenetic landscapes. <i>Scientific Reports</i> , 2018, 8, 7358.	1.6	14
3376	GenIO: a phenotype-genotype analysis web server for clinical genomics of rare diseases. <i>BMC Bioinformatics</i> , 2018, 19, 25.	1.2	14
3377	Deep learning of mutation-gene-drug relations from the literature. <i>BMC Bioinformatics</i> , 2018, 19, 21.	1.2	43
3378	Genetic and Epigenetic Features of Rapidly Progressing IDH-Mutant Astrocytomas. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2018, 77, 542-548.	0.9	34
3379	Integrative annotation and knowledge discovery of kinase post-translational modifications and cancer-associated mutations through federated protein ontologies and resources. <i>Scientific Reports</i> , 2018, 8, 6518.	1.6	31
3380	PedAM: a database for Pediatric Disease Annotation and Medicine. <i>Nucleic Acids Research</i> , 2018, 46, D977-D983.	6.5	27
3381	Whole-genome analysis for effective clinical diagnosis and gene discovery in early infantile epileptic encephalopathy. <i>Npj Genomic Medicine</i> , 2018, 3, 22.	1.7	64
3382	Autistic adults show preserved normalisation of sensory responses in gaze processing. <i>Cortex</i> , 2018, 103, 13-23.	1.1	21
3383	Neuroprotective effect of total glycosides from paeonies against neurotoxicity induced by strychnos alkaloids related to recovering the levels of neurotransmitters and neuroendocrine hormones in rat serum and brain. <i>RSC Advances</i> , 2018, 8, 29210-29219.	1.7	9
3384	TPA-023 attenuates subchronic phencyclidine-induced declarative and reversal learning deficits via GABAA receptor agonist mechanism: possible therapeutic target for cognitive deficit in schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 2468-2477.	2.8	11
3385	Vinpocetine halts ketamine-induced schizophrenia-like deficits in rats: impact on BDNF and GSK-3 $\beta$ / $\beta$ -catenin pathway. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 1327-1338.	1.4	25
3386	MLL1 is essential for retinal neurogenesis and horizontal inner neuron integrity. <i>Scientific Reports</i> , 2018, 8, 11902.	1.6	13
3387	Expression of the eight GABAA receptor $\alpha$ subunits in the developing zebrafish central nervous system. <i>PLoS ONE</i> , 2018, 13, e0196083.	1.1	35
3388	Decreased Number and Expression of nNOS-Positive Interneurons in Basolateral Amygdala in Two Mouse Models of Autism. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 251.	1.8	17
3389	Histone Deacetylase Inhibitor Suberanilohydroxamic Acid Treatment Reverses Hyposensitivity to $\gamma$ -Aminobutyric Acid in the Ventral Tegmental Area During Ethanol Withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2160-2171.	1.4	11
3390	Altered Gamma Oscillations during Motor Control in Children with Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2018, 38, 7878-7886.	1.7	34
3391	Dysfunction of Sister Chromatids Separation Promotes Progression of Hepatocellular Carcinoma According to Analysis of Gene Expression Profiling. <i>Frontiers in Physiology</i> , 2018, 9, 1019.	1.3	14
3392	Translating emerging molecular genetic insights into clinical practice in inherited cardiomyopathies. <i>Journal of Molecular Medicine</i> , 2018, 96, 993-1024.	1.7	11

#	ARTICLE	IF	CITATIONS
3393	Pharmacoresistant Neonatal Seizures: Critical Mechanistic Insights from a Chemoconvulsant Model. <i>Developmental Neurobiology</i> , 2018, 78, 1117-1130.	1.5	14
3394	Biotinylated amplicon sequencing: A method for preserving DNA samples of limited quantity. <i>Practical Laboratory Medicine</i> , 2018, 12, e00108.	0.6	3
3395	An analysis of aging-related genes derived from the Genotype-Tissue Expression project (GTEx). <i>Cell Death Discovery</i> , 2018, 4, 26.	2.0	30
3396	Elevated H3K79 homocysteinylation causes abnormal gene expression during neural development and subsequent neural tube defects. <i>Nature Communications</i> , 2018, 9, 3436.	5.8	56
3397	DNMT1 modulates interneuron morphology by regulating <i>Pak6</i> expression through crosstalk with histone modifications. <i>Epigenetics</i> , 2018, 13, 536-556.	1.3	47
3398	Dibutyryl Cyclic Adenosine Monophosphate Rescues the Neurons From Degeneration in Stab Wound and Excitotoxic Injury Models. <i>Frontiers in Neuroscience</i> , 2018, 12, 546.	1.4	6
3399	Epigenetic mechanisms of tumor resistance to immunotherapy. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4163-4176.	2.4	27
3400	A Developmental Study of Abnormal Behaviors and Altered GABAergic Signaling in the VPA-Treated Rat Model of Autism. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 182.	1.0	68
3402	Epigenetic Effects Induced by Methamphetamine and Methamphetamine-Dependent Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-28.	1.9	63
3403	ARID1A-deficiency in urothelial bladder cancer: No predictive biomarker for EZH2-inhibitor treatment response?. <i>PLoS ONE</i> , 2018, 13, e0202965.	1.1	25
3404	Neonatal brain injury causes cerebellar learning deficits and Purkinje cell dysfunction. <i>Nature Communications</i> , 2018, 9, 3235.	5.8	35
3405	A cancer vaccine approach for personalized treatment of Lynch Syndrome. <i>Scientific Reports</i> , 2018, 8, 12122.	1.6	25
3406	Dose-dependent reversal of KCC2 hypofunction and phenobarbital-resistant neonatal seizures by ANA12. <i>Scientific Reports</i> , 2018, 8, 11987.	1.6	28
3407	The Methylation Status of the Epigenome: Its Emerging Role in the Regulation of Tumor Angiogenesis and Tumor Growth, and Potential for Drug Targeting. <i>Cancers</i> , 2018, 10, 268.	1.7	33
3408	Environmental Enrichment Improves Cognitive Deficits, AD Hallmarks and Epigenetic Alterations Presented in 5xFAD Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 224.	1.8	70
3409	Prenatal stress leads to chromatin and synaptic remodeling and excessive alcohol intake comorbid with anxiety-like behaviors in adult offspring. <i>Neuropharmacology</i> , 2018, 140, 76-85.	2.0	31
3410	The Epigenetic Factor Landscape of Developing Neocortex Is Regulated by Transcription Factors Pax6 and Tbr2/Tbr1. <i>Frontiers in Neuroscience</i> , 2018, 12, 571.	1.4	46
3411	Ontogeny and reversal of brain circuit abnormalities in a preclinical model of PCOS. <i>JCI Insight</i> , 2018, 3, .	2.3	65

#	ARTICLE	IF	CITATIONS
3412	Hereditary breast and ovarian cancer in Andalusian families: a genetic population study. <i>BMC Cancer</i> , 2018, 18, 647.	1.1	4
3413	GABAergic deficits and schizophrenia-like behaviors in a mouse model carrying patient-derived neuroligin-2 R215H mutation. <i>Molecular Brain</i> , 2018, 11, 31.	1.3	21
3414	Next-Generation Drugs and Probes for Chromatin Biology: From Targeted Protein Degradation to Phase Separation. <i>Molecules</i> , 2018, 23, 1958.	1.7	40
3415	Curating Clinically Relevant Transcripts for the Interpretation of Sequence Variants. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 789-801.	1.2	25
3416	Role of VTA dopamine neurons and neuroligin 3 in sociability traits related to nonfamiliar conspecific interaction. <i>Nature Communications</i> , 2018, 9, 3173.	5.8	119
3417	Developmental seizures and mortality result from reducing GABA <sub>A</sub> receptor $\alpha 2$ -subunit interaction with collybistin. <i>Nature Communications</i> , 2018, 9, 3130.	5.8	53
3418	Breast cancer patients suggestive of Li-Fraumeni syndrome: mutational spectrum, candidate genes, and unexplained heredity. <i>Breast Cancer Research</i> , 2018, 20, 87.	2.2	9
3419	Adult <i>Ube3a</i> Gene Reinstatement Restores the Electrophysiological Deficits of Prefrontal Cortex Layer 5 Neurons in a Mouse Model of Angelman Syndrome. <i>Journal of Neuroscience</i> , 2018, 38, 8011-8030.	1.7	61
3420	Nucleocytoplasmic export of HDAC5 and SIRT2 downregulation: two epigenetic mechanisms by which antidepressants enhance synaptic plasticity markers. <i>Psychopharmacology</i> , 2018, 235, 2831-2846.	1.5	11
3421	Epigenetic Approaches to the Treatment of Dental Pulp Inflammation and Repair: Opportunities and Obstacles. <i>Frontiers in Genetics</i> , 2018, 9, 311.	1.1	36
3422	Sporadic DUX4 expression in FSHD myocytes is associated with incomplete repression by the PRC2 complex and gain of H3K9 acetylation on the contracted D4Z4 allele. <i>Epigenetics and Chromatin</i> , 2018, 11, 47.	1.8	26
3423	iMusta4SLC: Database for the structural property and variations of solute carrier transporters. <i>Biophysics and Physicobiology</i> , 2018, 15, 94-103.	0.5	7
3424	The Hippocampal Neuro-Glio-Vascular Network: Metabolic Vulnerability and Potential Neurogenic Regeneration in Disease. <i>Brain Plasticity</i> , 2018, 3, 129-144.	1.9	30
3425	ASD-Associated De Novo Mutations in Five Actin Regulators Show Both Shared and Distinct Defects in Dendritic Spines and Inhibitory Synapses in Cultured Hippocampal Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 217.	1.8	20
3426	GABA <sub>A</sub> Receptor Activity Suppresses the Transition from Inter-ictal to Ictal Epileptiform Discharges in Juvenile Mouse Hippocampus. <i>Neuroscience Bulletin</i> , 2018, 34, 1007-1016.	1.5	15
3427	Visualizing BDNF Transcript Usage During Sound-Induced Memory Linked Plasticity. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 260.	1.4	17
3428	Current Concepts and Treatments of Schizophrenia. <i>Molecules</i> , 2018, 23, 2087.	1.7	284
3429	Spatial transcriptomic survey of human embryonic cerebral cortex by single-cell RNA-seq analysis. <i>Cell Research</i> , 2018, 28, 730-745.	5.7	179

#	ARTICLE	IF	CITATIONS
3430	Protein methyltransferase inhibitors as precision cancer therapeutics: a decade of discovery. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170080.	1.8	34
3431	Altered Cortical Gamma-Amino Butyric Acid in Female Veterans With Suicidal Behavior: Sex Differences and Clinical Correlates. <i>Chronic Stress</i> , 2018, 2, 247054701876877.	1.7	6
3432	Abnormalities in cortical interneuron subtypes in ephrin $\beta$ mutant mice. <i>European Journal of Neuroscience</i> , 2018, 48, 1803-1817.	1.2	4
3433	Cancer epigenetics: Moving forward. <i>PLoS Genetics</i> , 2018, 14, e1007362.	1.5	364
3434	Metformin treatment ameliorates diabetes-associated decline in hippocampal neurogenesis and memory via phosphorylation of insulin receptor substrate 1. <i>FEBS Open Bio</i> , 2018, 8, 1104-1118.	1.0	52
3435	Neuroepigenetics and addiction. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 148, 747-765.	1.0	76
3436	Enhanced postsynaptic inhibitory strength in hippocampal principal cells in high-performing aged rats. <i>Neurobiology of Aging</i> , 2018, 70, 92-101.	1.5	22
3437	Efficient generation of mouse models of human diseases via ABE- and BE-mediated base editing. <i>Nature Communications</i> , 2018, 9, 2338.	5.8	120
3438	Validation of a microRNA target site polymorphism in H3F3B that is potentially associated with a broad schizophrenia phenotype. <i>PLoS ONE</i> , 2018, 13, e0194233.	1.1	8
3439	Rare Variants in the Gene ALPL That Cause Hypophosphatasia Are Strongly Associated With Ovarian and Uterine Disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2234-2243.	1.8	7
3440	Advances and Limitations of Current Epigenetic Studies Investigating Mammalian Axonal Regeneration. <i>Neurotherapeutics</i> , 2018, 15, 529-540.	2.1	22
3441	Whole Exome Sequencing of Patients from Multicase Families with Systemic Lupus Erythematosus Identifies Multiple Rare Variants. <i>Scientific Reports</i> , 2018, 8, 8775.	1.6	32
3442	CARM1 Is Essential for Myeloid Leukemogenesis but Dispensable for Normal Hematopoiesis. <i>Cancer Cell</i> , 2018, 33, 1111-1127.e5.	7.7	48
3443	Constitutive and Synaptic Activation of GIRK Channels Differentiates Mature and Newborn Dentate Granule Cells. <i>Journal of Neuroscience</i> , 2018, 38, 6513-6526.	1.7	35
3444	A translational perspective on histone acetylation modulators in psychiatric disorders. <i>Psychopharmacology</i> , 2018, 235, 1867-1873.	1.5	17
3445	Chemical and Biochemical Perspectives of Protein Lysine Methylation. <i>Chemical Reviews</i> , 2018, 118, 6656-6705.	23.0	167
3446	Epilepsy and migraine—Are they comorbidity?. <i>Genes and Diseases</i> , 2018, 5, 112-118.	1.5	21
3447	An Evolutionarily Conserved Structural Platform for PRC2 Inhibition by a Class of Ezh2 Inhibitors. <i>Scientific Reports</i> , 2018, 8, 9092.	1.6	27

#	ARTICLE	IF	CITATIONS
3448	Association Between Inherited Germline Mutations in Cancer Predisposition Genes and Risk of Pancreatic Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 2401.	3.8	375
3449	E-I balance emerges naturally from continuous Hebbian learning in autonomous neural networks. <i>Scientific Reports</i> , 2018, 8, 8939.	1.6	9
3450	Transient increased thalamic-sensory connectivity and decreased whole-brain dynamism in autism. <i>NeuroImage</i> , 2019, 190, 191-204.	2.1	100
3451	Prevalence and properties of intragenic copy-number variation in Mendelian disease genes. <i>Genetics in Medicine</i> , 2019, 21, 114-123.	1.1	147
3452	Ultrastructural, Molecular and Functional Mapping of GABAergic Synapses on Dendritic Spines and Shafts of Neocortical Pyramidal Neurons. <i>Cerebral Cortex</i> , 2019, 29, 2771-2781.	1.6	34
3453	TSPYL2 Regulates the Expression of EZH2 Target Genes in Neurons. <i>Molecular Neurobiology</i> , 2019, 56, 2640-2652.	1.9	9
3454	Ethanol Exposure <i>in Utero</i> Disrupts Radial Migration and Pyramidal Cell Development in the Somatosensory Cortex. <i>Cerebral Cortex</i> , 2019, 29, 2125-2139.	1.6	20
3455	The ASD Living Biology: from cell proliferation to clinical phenotype. <i>Molecular Psychiatry</i> , 2019, 24, 88-107.	4.1	210
3456	Anterior Cingulate Glutamate and GABA Associations on Functional Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 647-658.	2.3	45
3457	Sex differences in neural mechanisms mediating reward and addiction. <i>Neuropsychopharmacology</i> , 2019, 44, 166-183.	2.8	299
3458	Molecular windows into the human brain for psychiatric disorders. <i>Molecular Psychiatry</i> , 2019, 24, 653-673.	4.1	32
3459	Regulatory variants: from detection to predicting impact. <i>Briefings in Bioinformatics</i> , 2019, 20, 1639-1654.	3.2	82
3460	Small Molecule GSK-J1 Affects Differentiation of Specific Neuronal Subtypes in Developing Rat Retina. <i>Molecular Neurobiology</i> , 2019, 56, 1972-1983.	1.9	11
3461	Atypical Local and Distal Patterns of Occipito-frontal Functional Connectivity are Related to Symptom Severity in Autism. <i>Cerebral Cortex</i> , 2019, 29, 3319-3330.	1.6	23
3462	Ribosomal biogenesis as an emerging target of neurodevelopmental pathologies. <i>Journal of Neurochemistry</i> , 2019, 148, 325-347.	2.1	71
3463	Computational resources associating diseases with genotypes, phenotypes and exposures. <i>Briefings in Bioinformatics</i> , 2019, 20, 2098-2115.	3.2	27
3464	The role of ARID1B, a BAF chromatin remodeling complex subunit, in neural development and behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 30-38.	2.5	19
3465	Association of Breast and Ovarian Cancers With Predisposition Genes Identified by Large-Scale Sequencing. <i>JAMA Oncology</i> , 2019, 5, 51.	3.4	145

#	ARTICLE	IF	CITATIONS
3466	Regular Music Exposure in Juvenile Rats Facilitates Conditioned Fear Extinction and Reduces Anxiety after Foot Shock in Adulthood. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	5
3467	Role of gut microbiota in brain function and stress-related pathology. <i>Bioscience of Microbiota, Food and Health</i> , 2019, 38, 75-80.	0.8	32
3468	Targeting Chromatin Remodeling for Cancer Therapy. <i>Current Molecular Pharmacology</i> , 2019, 12, 215-229.	0.7	37
3469	Genetic Causes and Modifiers of Autism Spectrum Disorder. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 385.	1.8	294
3470	Molecular Systems Biology of Neurodevelopmental Disorders, Rett Syndrome as an Archetype. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 30.	1.0	14
3471	Possible Implication of the CA2 Hippocampal Circuit in Social Cognition Deficits Observed in the Neuroligin 3 Knock-Out Mouse, a Non-Syndromic Animal Model of Autism. <i>Frontiers in Psychiatry</i> , 2019, 10, 513.	1.3	35
3472	Brain Organoids as Tools for Modeling Human Neurodevelopmental Disorders. <i>Physiology</i> , 2019, 34, 365-375.	1.6	32
3473	Glial Dysfunction in MeCP2 Deficiency Models: Implications for Rett Syndrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3813.	1.8	33
3474	Phenotypic characterization of individuals with SYNGAP1 pathogenic variants reveals a potential correlation between posterior dominant rhythm and developmental progression. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 18.	1.5	49
3475	Neurobiology and Therapeutic Potential of Î±5-GABA Type A Receptors. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 179.	1.4	74
3476	Unique Features of Network Bursts Emerge From the Complex Interplay of Excitatory and Inhibitory Receptors in Rat Neocortical Networks. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 377.	1.8	24
3477	Genomic and clinical characterization of pulmonary-only metastatic prostate cancer: A unique molecular subtype. <i>Prostate</i> , 2019, 79, 1572-1579.	1.2	23
3478	Recent developments in transcriptional and translational regulation underlying long-term synaptic plasticity and memory. <i>Learning and Memory</i> , 2019, 26, 307-317.	0.5	17
3479	The role of MeCP2 in learning and memory. <i>Learning and Memory</i> , 2019, 26, 343-350.	0.5	10
3480	Molecular Profiling Reclassifies Adult Astroblastoma into Known and Clinically Distinct Tumor Entities with Frequent Mitogen-Activated Protein Kinase Pathway Alterations. <i>Oncologist</i> , 2019, 24, 1584-1592.	1.9	15
3481	Overcoming EZH2 Inhibitor Resistance by Taxane in PTEN-Mutated Cancer. <i>Theranostics</i> , 2019, 9, 5020-5034.	4.6	18
3482	Dysregulated oscillatory connectivity in the visual system in autism spectrum disorder. <i>Brain</i> , 2019, 142, 3294-3305.	3.7	53
3483	Epigenetic Changes as a Target in Aging Haematopoietic Stem Cells and Age-Related Malignancies. <i>Cells</i> , 2019, 8, 868.	1.8	17

#	ARTICLE	IF	CITATIONS
3484	DZNep-mediated apoptosis in B-cell lymphoma is independent of the lymphoma type, EZH2 mutation status and MYC, BCL2 or BCL6 translocations. <i>PLoS ONE</i> , 2019, 14, e0220681.	1.1	10
3485	Genetic Landscape of Rett Syndrome Spectrum: Improvements and Challenges. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3925.	1.8	32
3486	Examining the contribution of histone modification to sex differences in learning and memory. <i>Learning and Memory</i> , 2019, 26, 318-331.	0.5	13
3487	Synaptic clustering differences due to different GABRB3 mutations cause variable epilepsy syndromes. <i>Brain</i> , 2019, 142, 3028-3044.	3.7	57
3488	GluA4-Targeted AAV Vectors Deliver Genes Selectively to Interneurons while Relying on the AAV Receptor for Entry. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 252-260.	1.8	17
3489	Off-Target Editing by CRISPR-Guided DNA Base Editors. <i>Biochemistry</i> , 2019, 58, 3727-3734.	1.2	40
3490	Attenuated long-range temporal correlations of electrocortical oscillations in patients with autism spectrum disorder. <i>Developmental Cognitive Neuroscience</i> , 2019, 39, 100687.	1.9	10
3491	Parvalbumin interneuron in the ventral hippocampus functions as a discriminator in social memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16583-16592.	3.3	75
3492	EZH2 Is Essential for Fate Determination in the Mammalian Isthmic Area. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 76.	1.4	10
3493	VIST - a Variant-Information Search Tool for precision oncology. <i>BMC Bioinformatics</i> , 2019, 20, 429.	1.2	8
3494	Impaired Bidirectional Synaptic Plasticity in Juvenile Offspring Following Prenatal Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2153-2166.	1.4	13
3495	Recurrent miscalling of missense variation from short-read genome sequence data. <i>BMC Genomics</i> , 2019, 20, 546.	1.2	8
3496	A clinically validated whole genome pipeline for structural variant detection and analysis. <i>BMC Genomics</i> , 2019, 20, 545.	1.2	15
3497	PhenPath: a tool for characterizing biological functions underlying different phenotypes. <i>BMC Genomics</i> , 2019, 20, 548.	1.2	8
3498	Early-Life Stress in D2 Heterozygous Mice Promotes Autistic-like Behaviors through the Downregulation of the BDNF-TrkB Pathway in the Dorsal Striatum. <i>Experimental Neurobiology</i> , 2019, 28, 337-351.	0.7	16
3499	Myotonia congenita: mutation spectrum of CLCN1 in Spanish patients. <i>Journal of Genetics</i> , 2019, 98, 1.	0.4	6
3500	Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. <i>American Journal of Human Genetics</i> , 2019, 105, 267-282.	2.6	237
3501	Targeting GABAAR-Associated Proteins: New Modulators, Labels and Concepts. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 162.	1.4	12

#	ARTICLE	IF	CITATIONS
3502	&lt;p&gt;Alzheimerâ€™s disease: pathogenesis, diagnostics, and therapeutics&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 5541-5554.	3.3	646
3503	Posttranscriptional Gene Regulation of the GABA Receptor to Control Neuronal Inhibition. Frontiers in Molecular Neuroscience, 2019, 12, 152.	1.4	16
3504	Mechanisms underlying the EEG biomarker in Dup15q syndrome. Molecular Autism, 2019, 10, 29.	2.6	31
3505	<i>SSBP1</i> mutations in dominant optic atrophy with variable retinal degeneration. Annals of Neurology, 2019, 86, 368-383.	2.8	41
3506	Future directions for high-throughput splicing assays in precision medicine. Human Mutation, 2019, 40, 1225-1234.	1.1	12
3507	Modeling the daily rhythm of human pain processing in the dorsal horn. PLoS Computational Biology, 2019, 15, e1007106.	1.5	19
3508	Dissecting in silico Mutation Prediction of Variants in African Genomes: Challenges and Perspectives. Frontiers in Genetics, 2019, 10, 601.	1.1	25
3509	Multi-Scale Expressions of One Optimal State Regulated by Dopamine in the Prefrontal Cortex. Frontiers in Physiology, 2019, 10, 113.	1.3	9
3510	Exome-Wide Rare Variant Analysis From the DiscovEHR Study Identifies Novel Candidate Predisposition Genes for Endometrial Cancer. Frontiers in Oncology, 2019, 9, 574.	1.3	18
3511	Differential Altered Auditory Event-Related Potential Responses in Young Boys on the Autism Spectrum With and Without Disproportionate Megalencephaly. Autism Research, 2019, 12, 1236-1250.	2.1	11
3512	GABA in the suprachiasmatic nucleus refines circadian output rhythms in mice. Communications Biology, 2019, 2, 232.	2.0	43
3513	Abnormal Auditory Mismatch Fields in Children and Adolescents with 47,XYY Syndrome. Developmental Neuroscience, 2019, 41, 123-131.	1.0	10
3514	VIPIdb, a genetic Variant Impact Predictor Database. Human Mutation, 2019, 40, 1202-1214.	1.1	24
3515	The Potential Role of Regulatory Genes (DNMT3A, HDAC5, and HDAC9) in Antipsychotic Treatment Response in South African Schizophrenia Patients. Frontiers in Genetics, 2019, 10, 641.	1.1	3
3516	VariED: the first integrated database of gene annotation and expression profiles for variants related to human diseases. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	7
3517	MeCP2 Deficiency Disrupts Kainate-Induced Presynaptic Plasticity in the Mossy Fiber Projections in the Hippocampus. Frontiers in Cellular Neuroscience, 2019, 13, 286.	1.8	8
3518	Latrophilins: A Neuro-Centric View of an Evolutionary Conserved Adhesion G Protein-Coupled Receptor Subfamily. Frontiers in Neuroscience, 2019, 13, 700.	1.4	37
3519	Precision oncology in Latin America: current situation, challenges and perspectives. Ecancermedicalscience, 2019, 13, 920.	0.6	11

#	ARTICLE	IF	CITATIONS
3520	Systematic analysis of the intersection of disease mutations with protein modifications. <i>BMC Medical Genomics</i> , 2019, 12, 109.	0.7	16
3521	Pathogenic Variants in STXBP1 and in Genes for GABA <sub>A</sub> Receptor Subunits Cause Atypical Rett/Rett-like Phenotypes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3621.	1.8	29
3522	Structural and Diffusion MRI Analyses With Histological Observations in Patients With Lissencephaly. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 124.	1.8	11
3523	Identification and functional characterization of Lys-trimethylation of lactate dehydrogenase A. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 5395-5404.	1.0	1
3524	Enhanced Glutamatergic Currents at Birth in Shank3 KO Mice. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	1.0	5
3525	TET1 regulates fibroblast growth factor 8 transcription in gonadotropin releasing hormone neurons. <i>PLoS ONE</i> , 2019, 14, e0220530.	1.1	9
3526	Developmental Regulation of KCC2 Phosphorylation Has Long-Term Impacts on Cognitive Function. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 173.	1.4	55
3527	Novel Treatment Targets Based on Insights in the Etiology of Depression: Role of IL-6 Trans-Signaling and Stress-Induced Elevation of Glutamate and ATP. <i>Pharmaceuticals</i> , 2019, 12, 113.	1.7	18
3528	Crossing the Chloride Channel: The Current and Potential Therapeutic Value of the Neuronal K <sup>+</sup> -Cl <sup>-</sup> Cotransporter KCC2. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	27
3529	Challenges of Providing Concordant Interpretation of Somatic Variants in Non-Small Cell Lung Cancer: A Multicenter Study. <i>Journal of Cancer</i> , 2019, 10, 1814-1824.	1.2	10
3530	Patient-Derived Stem Cells, Another in vitro Model, or the Missing Link Toward Novel Therapies for Autism Spectrum Disorders?. <i>Frontiers in Pediatrics</i> , 2019, 7, 225.	0.9	10
3531	Interleukine-17 Administration Modulates Adult Hippocampal Neurogenesis and Improves Spatial Learning in Mice. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 254-263.	1.1	21
3532	Diagnostic Yield and Treatment Impact of Targeted Exome Sequencing in Early-Onset Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 434.	1.1	70
3533	Synaptic neurexin-1 assembles into dynamically regulated active zone nanoclusters. <i>Journal of Cell Biology</i> , 2019, 218, 2677-2698.	2.3	78
3534	Acetylcholine Release Inhibits Distinct Excitatory Inputs Onto Hippocampal CA1 Pyramidal Neurons via Different Cellular and Network Mechanisms. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 267.	1.8	11
3535	From Cannabinoids and Neurosteroids to Statins and the Ketogenic Diet: New Therapeutic Avenues in Rett Syndrome?. <i>Frontiers in Neuroscience</i> , 2019, 13, 680.	1.4	11
3536	Three-dimensional chromosome architecture and drug addiction. <i>Current Opinion in Neurobiology</i> , 2019, 59, 137-145.	2.0	3
3537	Recurrent DMD Deletions Highlight Specific Role of Dp71 Isoform in Soft-Tissue Sarcomas. <i>Cancers</i> , 2019, 11, 922.	1.7	13

#	ARTICLE	IF	CITATIONS
3538	Developmental changes in plasticity, synaptic, glia, and connectivity protein levels in rat basolateral amygdala. <i>Learning and Memory</i> , 2019, 26, 436-448.	0.5	10
3539	Autism Spectrum Disorder and miRNA: An Overview of Experimental Models.. <i>Brain Sciences</i> , 2019, 9, 265.	1.1	24
3540	&lt;p&gt;A single-nucleotide polymorphism influences brain morphology in drug-naïve patients with major depressive disorder&lt;/p&gt;. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2425-2432.	1.0	9
3541	Search-and-replace genome editing without double-strand breaks or donor DNA. <i>Nature</i> , 2019, 576, 149-157.	13.7	2,662
3542	Challenges and Opportunities for Childhood Cancer Drug Development. <i>Pharmacological Reviews</i> , 2019, 71, 671-697.	7.1	13
3543	Novel Genetic Markers for Early Detection of Elevated Breast Cancer Risk in Women. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4828.	1.8	3
3544	A magnetic affinity approach to identify plant GABA-binding proteins. <i>Turkish Journal of Biology</i> , 2019, 43, 246-255.	2.1	1
3545	Developmentally regulated KCC2 phosphorylation is essential for dynamic GABA-mediated inhibition and survival. <i>Science Signaling</i> , 2019, 12, .	1.6	55
3546	Impaired regulation of KCC2 phosphorylation leads to neuronal network dysfunction and neurodevelopmental pathology. <i>Science Signaling</i> , 2019, 12, .	1.6	66
3547	A comparison of sLASER and MEGA-sLASER using simultaneous interleaved acquisition for measuring GABA in the human brain at 7T. <i>PLoS ONE</i> , 2019, 14, e0223702.	1.1	21
3548	Rett Syndrome and CDKL5 Deficiency Disorder: From Bench to Clinic. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5098.	1.8	30
3549	ATRX In-Frame Fusion Neuroblastoma Is Sensitive to EZH2 Inhibition via Modulation of Neuronal Gene Signatures. <i>Cancer Cell</i> , 2019, 36, 512-527.e9.	7.7	44
3550	Crafting Carbazole-Based Vorinostat and Tubastatin-A-like Histone Deacetylase (HDAC) Inhibitors with Potent in Vitro and in Vivo Neuroactive Functions. <i>ACS Omega</i> , 2019, 4, 17279-17294.	1.6	12
3551	Optimizing clinical exome design and parallel gene-testing for recessive genetic conditions in preconception carrier screening: Translational research genomic data from 14,125 exomes. <i>PLoS Genetics</i> , 2019, 15, e1008409.	1.5	45
3552	Possible Phenotypic Consequences of Structural Differences in Idic(15) in a Small Cohort of Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4935.	1.8	1
3553	Bardet-Biedl Syndrome in rhesus macaques: A nonhuman primate model of retinitis pigmentosa. <i>Experimental Eye Research</i> , 2019, 189, 107825.	1.2	35
3554	Interplay between Metabolites and the Epigenome in Regulating Embryonic and Adult Stem Cell Potency and Maintenance. <i>Stem Cell Reports</i> , 2019, 13, 573-589.	2.3	38
3555	Management of NK/T-Cell Lymphoma, Nasal Type. <i>Journal of Oncology Practice</i> , 2019, 15, 513-520.	2.5	48

#	ARTICLE	IF	CITATIONS
3556	A TBR1-K228E Mutation Induces Tbr1 Upregulation, Altered Cortical Distribution of Interneurons, Increased Inhibitory Synaptic Transmission, and Autistic-Like Behavioral Deficits in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 241.	1.4	25
3557	Identification of c.1531C>T Pathogenic Variant in the CDH1 Gene as a Novel Germline Mutation of Hereditary Diffuse Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4980.	1.8	12
3558	Development of central respiratory control in anurans: The role of neurochemicals in the emergence of air-breathing and the hypoxic response. <i>Respiratory Physiology and Neurobiology</i> , 2019, 270, 103266.	0.7	10
3559	Development of Depotential in Adult-Born Dentate Granule Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 236.	1.8	6
3560	Gene4Denovo: an integrated database and analytic platform for de novo mutations in humans. <i>Nucleic Acids Research</i> , 2020, 48, D913-D926.	6.5	41
3561	OncoBase: a platform for decoding regulatory somatic mutations in human cancers. <i>Nucleic Acids Research</i> , 2019, 47, D1044-D1055.	6.5	33
3562	De novo Mutations From Whole Exome Sequencing in Neurodevelopmental and Psychiatric Disorders: From Discovery to Application. <i>Frontiers in Genetics</i> , 2019, 10, 258.	1.1	49
3563	GABA-Glycine Cotransmitting Neurons in the Ventrolateral Medulla: Development and Functional Relevance for Breathing. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 517.	1.8	21
3564	Changes in Calcium Homeostasis and Gene Expression Implicated in Epilepsy in Hippocampi of Mice Overexpressing ORAI1. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5539.	1.8	13
3565	A Biased Diffusion Approach to Sleep Dynamics Reveals Neuronal Characteristics. <i>Biophysical Journal</i> , 2019, 117, 987-997.	0.2	8
3566	Trans-Synaptic Signaling through the Glutamate Receptor Delta-1 Mediates Inhibitory Synapse Formation in Cortical Pyramidal Neurons. <i>Neuron</i> , 2019, 104, 1081-1094.e7.	3.8	70
3567	Glioblastoma Treatment Modalities besides Surgery. <i>Journal of Cancer</i> , 2019, 10, 4793-4806.	1.2	85
3568	Dietary-phytochemical mediated reversion of cancer-specific splicing inhibits Warburg effect in head and neck cancer. <i>BMC Cancer</i> , 2019, 19, 1031.	1.1	21
3569	Exploration of intermediate-sized INDELs by next-generation multigene panel testing in Han Chinese patients with breast cancer. <i>Human Genome Variation</i> , 2019, 6, 51.	0.4	3
3570	DNA methylation-driven genes for constructing diagnostic, prognostic, and recurrence models for hepatocellular carcinoma. <i>Theranostics</i> , 2019, 9, 7251-7267.	4.6	99
3571	Stochastic resonance model of synaesthesia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190029.	1.8	10
3572	Emerging intersections between neuroscience and glioma biology. <i>Nature Neuroscience</i> , 2019, 22, 1951-1960.	7.1	99
3573	Recent Advances in the Targeting of Epigenetic Regulators in B-Cell Non-Hodgkin Lymphoma. <i>Frontiers in Genetics</i> , 2019, 10, 986.	1.1	22

#	ARTICLE	IF	CITATIONS
3574	The functional mechanisms of mutations in myelodysplastic syndrome. <i>Leukemia</i> , 2019, 33, 2779-2794.	3.3	28
3575	GABA-A $\alpha$ 5 Might Be Involved in Learning-Memory Dysfunction in the Offsprings of Chronic Ethanol-Treated Rats via GABA-A $\alpha$ 5 Histone H3K9 Acetylation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1076.	1.4	8
3576	<p>Silencing Of hsa_circ_0008450 Represses Hepatocellular Carcinoma Progression Through Regulation Of microRNA-214-3p/EZH2 Axis</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 9133-9143.	0.9	36
3577	Pituitary Adenylate Cyclase-Activating Polypeptide Modulates Hippocampal Synaptic Transmission and Plasticity: New Therapeutic Suggestions for Fragile X Syndrome. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 524.	1.8	21
3578	Increased Expression of Kv10.2 in the Hippocampus Attenuates Valproic Acid-Induced Autism-Like Behaviors in Rats. <i>Neurochemical Research</i> , 2019, 44, 2796-2808.	1.6	11
3579	Hindbrain V2a Neurons Pattern Rhythmic Activity of Motor Neurons in a Reticulospinal Coculture. <i>Frontiers in Neuroscience</i> , 2019, 13, 1077.	1.4	2
3580	Successes and Hurdles in Stem Cells Application and Production for Brain Transplantation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1194.	1.4	32
3581	Shank3 Exons 14-16 Deletion in Glutamatergic Neurons Leads to Social and Repetitive Behavioral Deficits Associated With Increased Cortical Layer 2/3 Neuronal Excitability. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 458.	1.8	33
3582	A Conserved Tyrosine Residue in Slitrk3 Carboxyl-Terminus Is Critical for GABAergic Synapse Development. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 213.	1.4	5
3583	Epigenetic Reprogramming for Targeting IDH-Mutant Malignant Gliomas. <i>Cancers</i> , 2019, 11, 1616.	1.7	17
3584	Autistic traits in synaesthesia: atypical sensory sensitivity and enhanced perception of details. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190024.	1.8	19
3585	Epigenetic Programming of B-Cell Lymphoma by BCL6 and Its Genetic Deregulation. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 272.	1.8	34
3586	MPTOG612, a Novel HDAC6 Inhibitor, Induces Apoptosis and Suppresses IFN- $\beta$ -Induced Programmed Death-Ligand 1 in Human Colorectal Carcinoma Cells. <i>Cancers</i> , 2019, 11, 1617.	1.7	28
3587	Early Postnatal Treatment with Valproate Induces Gad1 Promoter Remodeling in the Brain and Reduces Apnea Episodes in Mecp2-Null Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5177.	1.8	4
3588	Analysis of metabolomics associated with quality differences between room-temperature and low-temperature stored litchi pulps. <i>Food Science and Nutrition</i> , 2019, 7, 3560-3569.	1.5	12
3589	DNA Replication Inhibitor Geminin and Retinoic Acid Signaling Participate in Complex Interactions Associated With Pluripotency. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 593-601.	1.0	9
3590	The TargetMine Data Warehouse: Enhancement and Updates. <i>Frontiers in Genetics</i> , 2019, 10, 934.	1.1	21
3591	Melanotan-II reverses autistic features in a maternal immune activation mouse model of autism. <i>PLoS ONE</i> , 2019, 14, e0210389.	1.1	16

#	ARTICLE	IF	CITATIONS
3592	Loss-of-Huntingtin in Medial and Lateral Ganglionic Lineages Differentially Disrupts Regional Interneuron and Projection Neuron Subtypes and Promotes Huntington's Disease-Associated Behavioral, Cellular, and Pathological Hallmarks. <i>Journal of Neuroscience</i> , 2019, 39, 1892-1909.	1.7	33
3593	EEG power spectral slope differs by ADHD status and stimulant medication exposure in early childhood. <i>Journal of Neurophysiology</i> , 2019, 122, 2427-2437.	0.9	116
3594	Comparison of cytosine base editors and development of the BEable-GPS database for targeting pathogenic SNVs. <i>Genome Biology</i> , 2019, 20, 218.	3.8	23
3595	Developmental Toxicity Assessment of Piperonyl Butoxide Exposure Targeting Sonic Hedgehog Signaling and Forebrain and Face Morphogenesis in the Mouse: An <i>in Vitro</i> and <i>in Vivo</i> Study. <i>Environmental Health Perspectives</i> , 2019, 127, 107006.	2.8	25
3596	Structure of Heteropentameric GABAA Receptors and Receptor-Anchoring Properties of Gephyrin. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 191.	1.4	13
3597	Autism Spectrum Disorder-Related Syndromes: Modeling with <i>Drosophila</i> and Rodents. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4071.	1.8	16
3598	Antioxidant Activity and Main Chemical Components of a Novel Fermented Tea. <i>Molecules</i> , 2019, 24, 2917.	1.7	53
3599	Pluripotent Stem Cells for Brain Repair: Protocols and Preclinical Applications in Cortical and Hippocampal Pathologies. <i>Frontiers in Neuroscience</i> , 2019, 13, 684.	1.4	9
3600	Increasing Local Excitability of Brainstem Respiratory Nuclei Reveals a Distributed Network Underlying Respiratory Motor Pattern Formation. <i>Frontiers in Physiology</i> , 2019, 10, 887.	1.3	41
3601	Comprehensive analysis of histone modification-associated genes on differential gene expression and prognosis in gastric cancer. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2219-2230.	0.8	9
3602	Cellular Mechanisms Contributing to the Functional Heterogeneity of GABAergic Synapses. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 187.	1.4	9
3603	Oral Delivery of miRNA With Lipidic Aminoglycoside Derivatives in the Breastfed Rat. <i>Frontiers in Physiology</i> , 2019, 10, 1037.	1.3	9
3604	<i>MAPT</i> p.V363I mutation. <i>Neurology: Genetics</i> , 2019, 5, e347.	0.9	10
3605	Rett Syndrome in Males: The Different Clinical Course in Two Brothers with the Same Microduplication MECP2 Xq28. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3075.	1.2	6
3606	Rett Syndrome and Other Neurodevelopmental Disorders Share Common Changes in Gut Microbial Community: A Descriptive Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4160.	1.8	25
3607	Brain-Derived Neurotrophic Factor: A Key Molecule for Memory in the Healthy and the Pathological Brain. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 363.	1.8	740
3608	Insights into novel emerging epigenetic drugs in myeloid malignancies. <i>Therapeutic Advances in Hematology</i> , 2019, 10, 204062071986608.	1.1	6
3609	DNA methyltransferase isoforms expression in the temporal lobe of epilepsy patients with a history of febrile seizures. <i>Clinical Epigenetics</i> , 2019, 11, 118.	1.8	14

#	ARTICLE	IF	CITATIONS
3610	Variant Interpretation for Cancer (VIC): a computational tool for assessing clinical impacts of somatic variants. <i>Genome Medicine</i> , 2019, 11, 53.	3.6	36
3611	Ketamine-Treatment During Late Adolescence Impairs Inhibitory Synaptic Transmission in the Prefrontal Cortex and Working Memory in Adult Rats. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 372.	1.8	12
3612	Regulation of histone methylation by automethylation of PRC2. <i>Genes and Development</i> , 2019, 33, 1416-1427.	2.7	47
3613	Early Stage Glycosylation Biomarkers in Alzheimer's Disease. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 92.	0.7	22
3614	Automethylation of PRC2 promotes H3K27 methylation and is impaired in H3K27M pediatric glioma. <i>Genes and Development</i> , 2019, 33, 1428-1440.	2.7	75
3615	Breakdown of multiple sclerosis genetics to identify an integrated disease network and potential variant mechanisms. <i>Physiological Genomics</i> , 2019, 51, 562-577.	1.0	9
3616	Preserving Inhibition during Developmental Hearing Loss Rescues Auditory Learning and Perception. <i>Journal of Neuroscience</i> , 2019, 39, 8347-8361.	1.7	26
3617	Nucleation and Propagation of Heterochromatin by the Histone Methyltransferase PRC2: Geometric Constraints and Impact of the Regulatory Subunit JARID2. <i>Journal of the American Chemical Society</i> , 2019, 141, 15029-15039.	6.6	16
3618	Delivery of different genes into pre- and post-synaptic neocortical interneurons connected by GABAergic synapses. <i>PLoS ONE</i> , 2019, 14, e0217094.	1.1	4
3619	Pan-HDAC Inhibitors Promote Tau Aggregation by Increasing the Level of Acetylated Tau. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4283.	1.8	12
3620	Conceptual, Regulatory and Strategic Imperatives in the Early Days of EEG-Based Biomarker Validation for Neurodevelopmental Disabilities. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 45.	1.0	48
3621	Thermal Perceptual Thresholds are typical in Autism Spectrum Disorder but Strongly Related to Intra-individual Response Variability. <i>Scientific Reports</i> , 2019, 9, 12595.	1.6	22
3622	In vivo epigenetic editing of Sema6a promoter reverses transcallosal dysconnectivity caused by C11orf46/Arl14ep risk gene. <i>Nature Communications</i> , 2019, 10, 4112.	5.8	34
3623	Precise Immunodetection of PTEN Protein in Human Neoplasia. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019, 9, a036293.	2.9	11
3624	Functional Role of SIL1 in Neurodevelopment and Learning. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	1.0	1
3625	An Increase of Excitatory-to-Inhibitory Synaptic Balance in the Contralateral Cortico-Striatal Pathway Underlies Improved Stroke Recovery in BDNF Val66Met SNP Mice. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 989-1002.	1.4	7
3626	Rare Human Missense Variants can affect the Function of Disease-Relevant Proteins by Loss and Gain of Peroxisomal Targeting Motifs. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4609.	1.8	6
3627	Layer 4 of mouse neocortex differs in cell types and circuit organization between sensory areas. <i>Nature Communications</i> , 2019, 10, 4174.	5.8	101

#	ARTICLE	IF	CITATIONS
3628	Phosphorylation of Gephyrin in Zebrafish Mauthner Cells Governs Glycine Receptor Clustering and Behavioral Desensitization to Sound. <i>Journal of Neuroscience</i> , 2019, 39, 8988-8997.	1.7	12
3629	Electrophysiological and Molecular Characterization of the Parasubiculum. <i>Journal of Neuroscience</i> , 2019, 39, 8860-8876.	1.7	6
3630	PHF2 histone demethylase prevents DNA damage and genome instability by controlling cell cycle progression of neural progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19464-19473.	3.3	35
3631	Pathway analysis of genomic pathology tests for prognostic cancer subtyping. <i>Journal of Biomedical Informatics</i> , 2019, 98, 103286.	2.5	3
3632	RNA-modifying enzymes and their function in a chromatin context. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 858-862.	3.6	24
3633	A tailored approach to fusion transcript identification increases diagnosis of rare inherited disease. <i>PLoS ONE</i> , 2019, 14, e0223337.	1.1	27
3634	A Survey of Gene Prioritization Tools for Mendelian and Complex Human Diseases. <i>Journal of Integrative Bioinformatics</i> , 2019, 16, .	1.0	25
3635	Photopotential of the GABA <sub>A</sub> receptor with caged diazepam. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21176-21184.	3.3	10
3636	Postnatal Development of Functional Projections from Parasubiculum and Presubiculum to Medial Entorhinal Cortex in the Rat. <i>Journal of Neuroscience</i> , 2019, 39, 8645-8663.	1.7	7
3637	Elimination of human folypolyglutamate synthetase alters programming and plasticity of somatic cells. <i>FASEB Journal</i> , 2019, 33, 13747-13761.	0.2	5
3638	G-tract RNA removes Polycomb repressive complex 2 from genes. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 899-909.	3.6	86
3639	The GABA receptor GABRR1 is expressed on and functional in hematopoietic stem cells and megakaryocyte progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18416-18422.	3.3	28
3640	Axon-Dependent Patterning and Maintenance of Somatosensory Dendritic Arbors. <i>Developmental Cell</i> , 2019, 48, 229-244.e4.	3.1	21
3641	Spoken word processing in Rett syndrome: Evidence from event-related potentials. <i>International Journal of Developmental Neuroscience</i> , 2019, 73, 26-31.	0.7	23
3642	Increased Excitation-Inhibition Ratio Stabilizes Synapse and Circuit Excitability in Four Autism Mouse Models. <i>Neuron</i> , 2019, 101, 648-661.e4.	3.8	280
3643	Histone demethylase KDM6B has an anti-tumorigenic function in neuroblastoma by promoting differentiation. <i>Oncogenesis</i> , 2019, 8, 3.	2.1	28
3644	Cognitive impairment and autistic-like behaviour in SAPAP4-deficient mice. <i>Translational Psychiatry</i> , 2019, 9, 7.	2.4	13
3645	Evaluating the Clinical Validity of Hypertrophic Cardiomyopathy Genes. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002460.	1.6	267

#	ARTICLE	IF	CITATIONS
3646	Hyperexcitability of the local cortical circuit in mouse models of tuberous sclerosis complex. <i>Molecular Brain</i> , 2019, 12, 6.	1.3	20
3647	Transient Cognitive Impairment in Epilepsy. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 458.	1.4	30
3648	How the epigenome integrates information and reshapes the synapse. <i>Nature Reviews Neuroscience</i> , 2019, 20, 133-147.	4.9	115
3649	Repeated anodal transâ€spinal direct current stimulation results in longâ€term reduction of spasticity in mice with spinal cord injury. <i>Journal of Physiology</i> , 2019, 597, 2201-2223.	1.3	28
3650	DNA Methylation and Susceptibility to Autism Spectrum Disorder. <i>Annual Review of Medicine</i> , 2019, 70, 151-166.	5.0	79
3651	Hyper-excitability and hyper-plasticity disrupt cerebellar signal transfer in the <i>IB2</i> KO mouse model of autism. <i>Journal of Neuroscience</i> , 2019, 39, 1985-18.	1.7	23
3652	PU.1 controls fibroblast polarization and tissue fibrosis. <i>Nature</i> , 2019, 566, 344-349.	13.7	121
3653	KCC2-Mediated Cl <sup>-</sup> Extrusion Modulates Spontaneous Hippocampal Network Events in Perinatal Rats and Mice. <i>Cell Reports</i> , 2019, 26, 1073-1081.e3.	2.9	27
3654	Comprehensive profiling of JMJD3 in gastric cancer and its influence on patient survival. <i>Scientific Reports</i> , 2019, 9, 868.	1.6	20
3655	GenESysV: a fast, intuitive and scalable genome exploration open source tool for variants generated from high-throughput sequencing projects. <i>BMC Bioinformatics</i> , 2019, 20, 61.	1.2	2
3656	Identifying Transcriptional Regulatory Modules Among Different Chromatin States in Mouse Neural Stem Cells. <i>Frontiers in Genetics</i> , 2018, 9, 731.	1.1	8
3657	Increased Anxiety-Related Behavior, Impaired Cognitive Function and Cellular Alterations in the Brain of <i>Cend1</i> -deficient Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 497.	1.8	11
3658	A Novel De Novo Frameshift Mutation in <i>KAT6A</i> Identified by Whole Exome Sequencing. <i>Journal of Pediatric Genetics</i> , 2019, 08, 010-014.	0.3	9
3659	Neuroimaging Advances in Pediatric Stroke. <i>Stroke</i> , 2019, 50, 240-248.	1.0	25
3660	Behavioral training rescues motor deficits in <i>Cyfp1</i> haploinsufficiency mouse model of autism spectrum disorders. <i>Translational Psychiatry</i> , 2019, 9, 29.	2.4	27
3661	Epigenetic mechanism and target therapy of UHRF1 protein complex in malignancies. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 549-559.	1.0	21
3662	Impact of Ancestral Differences and Reassessment of the Classification of Previously Reported Pathogenic Variants in Patients With Brugada Syndrome in the Genomic Era: A SADS-TW BrS Registry. <i>Frontiers in Genetics</i> , 2018, 9, 680.	1.1	9
3663	Adult neurogenesis in the mouse dentate gyrus protects the hippocampus from neuronal injury following severe seizures. <i>Hippocampus</i> , 2019, 29, 683-709.	0.9	25

#	ARTICLE	IF	CITATIONS
3664	Pyramidal neuron growth and increased hippocampal volume during labor and birth in autism. <i>Science Advances</i> , 2019, 5, eaav0394.	4.7	21
3665	Epigenetic and Neurological Impairments Associated with Early Life Exposure to Persistent Organic Pollutants. <i>International Journal of Genomics</i> , 2019, 2019, 1-19.	0.8	74
3666	Precision in the development of neocortical architecture: From progenitors to cortical networks. <i>Progress in Neurobiology</i> , 2019, 175, 77-95.	2.8	45
3667	Altered DNA Methylation in the Developing Brains of Rats Genetically Prone to High versus Low Anxiety. <i>Journal of Neuroscience</i> , 2019, 39, 3144-3158.	1.7	20
3668	EZH2 Influences mdDA Neuronal Differentiation, Maintenance and Survival. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 491.	1.4	20
3669	Mannitol decreases neocortical epileptiform activity during early brain development via cotransport of chloride and water. <i>Neurobiology of Disease</i> , 2019, 125, 163-175.	2.1	17
3670	BET and EZH2 Inhibitors: Novel Approaches for Targeting Cancer. <i>Current Oncology Reports</i> , 2019, 21, 13.	1.8	27
3671	<sc>EZH</sc> 2 cooperates with gain-of-function p53 mutants to promote cancer growth and metastasis. <i>EMBO Journal</i> , 2019, 38, .	3.5	55
3672	Setd5 haploinsufficiency alters neuronal network connectivity and leads to autistic-like behaviors in mice. <i>Translational Psychiatry</i> , 2019, 9, 24.	2.4	31
3673	Biological relevance of computationally predicted pathogenicity of noncoding variants. <i>Nature Communications</i> , 2019, 10, 330.	5.8	44
3674	Gastrointestinal dysfunction in patients and mice expressing the autism-associated R451C mutation in neurologin-3. <i>Autism Research</i> , 2019, 12, 1043-1056.	2.1	63
3675	Development of enhancer-trapping and -detection vectors mediated by the Tol2 transposon in zebrafish. <i>PeerJ</i> , 2019, 7, e6862.	0.9	8
3676	Fido-SNP: the first webserver for scoring the impact of single nucleotide variants in the dog genome. <i>Nucleic Acids Research</i> , 2019, 47, W136-W141.	6.5	3
3677	MutationDistiller: user-driven identification of pathogenic DNA variants. <i>Nucleic Acids Research</i> , 2019, 47, W114-W120.	6.5	37
3678	Dangerous liaisons: interplay between SWI/SNF, NuRD, and Polycomb in chromatin regulation and cancer. <i>Genes and Development</i> , 2019, 33, 936-959.	2.7	127
3679	<i>BRCA1/2</i> Functional Loss Defines a Targetable Subset in Leiomyosarcoma. <i>Oncologist</i> , 2019, 24, 973-979.	1.9	49
3680	Evolutionary coupling analysis identifies the impact of disease-associated variants at less-conserved sites. <i>Nucleic Acids Research</i> , 2019, 47, e94-e94.	6.5	11
3681	GABAA Receptor Subunit $\beta 3$ in Network Dynamics in the Medial Entorhinal Cortex. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 10.	1.2	9

#	ARTICLE	IF	CITATIONS
3682	Reelin is modulated by diet-induced obesity and has direct actions on arcuate proopiomelanocortin neurons. <i>Molecular Metabolism</i> , 2019, 26, 18-29.	3.0	6
3683	Impaired neurodevelopmental pathways in autism spectrum disorder: a review of signaling mechanisms and crosstalk. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 10.	1.5	88
3684	Slower and Less Variable Binocular Rivalry Rates in Patients With Bipolar Disorder, OCD, Major Depression, and Schizophrenia. <i>Frontiers in Neuroscience</i> , 2019, 13, 514.	1.4	23
3685	Polycomb Protein EED Regulates Neuronal Differentiation through Targeting SOX11 in Hippocampal Dentate Gyrus. <i>Stem Cell Reports</i> , 2019, 13, 115-131.	2.3	31
3686	Genetic Deletion of GABAergic Receptors Reveals Distinct Requirements of Neurotransmitter Receptors for GABAergic and Glutamatergic Synapse Development. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 217.	1.8	7
3687	Baclofen but Not Diazepam Alleviates Alcohol-Seeking Behavior and Hypothalamicâ€“Pituitaryâ€“Adrenal Axis Dysfunction in Stressed Withdrawn Mice. <i>Frontiers in Psychiatry</i> , 2019, 10, 238.	1.3	10
3688	Long-term acclimation to near-future ocean acidification has negligible effects on energetic attributes in a juvenile coral reef fish. <i>Oecologia</i> , 2019, 190, 689-702.	0.9	13
3689	Diosgenin exhibits tumor suppressive function via down-regulation of EZH2 in pancreatic cancer cells. <i>Cell Cycle</i> , 2019, 18, 1745-1758.	1.3	22
3690	Promising Directions in Atherosclerosis Treatment Based on Epigenetic Regulation Using MicroRNAs and Long Noncoding RNAs. <i>Biomolecules</i> , 2019, 9, 226.	1.8	44
3691	EZH2 upregulates the PI3K/AKT pathway through IGF1R and MYC in clinically aggressive chronic lymphocytic leukaemia. <i>Epigenetics</i> , 2019, 14, 1125-1140.	1.3	24
3692	Advances in genetics of migraine. <i>Journal of Headache and Pain</i> , 2019, 20, 72.	2.5	136
3693	Active repurposing of drug candidates for melanoma based on GWAS, PheWAS and a wide range of omics data. <i>Molecular Medicine</i> , 2019, 25, 30.	1.9	21
3694	Acute Social Defeat Stress Increases Sleep in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 322.	1.4	35
3695	Genetic variant pathogenicity prediction trained using disease-specific clinical sequencing data sets. <i>Genome Research</i> , 2019, 29, 1144-1151.	2.4	19
3696	In Search of Panaceaâ€“Review of Recent Studies Concerning Nature-Derived Anticancer Agents. <i>Nutrients</i> , 2019, 11, 1426.	1.7	18
3697	Specific inhibition of DPY30 activity by ASH2L-derived peptides suppresses blood cancer cell growth. <i>Experimental Cell Research</i> , 2019, 382, 111485.	1.2	20
3698	RAPIDOMICS: rapid genome-wide sequencing in a neonatal intensive care unitâ€“successes and challenges. <i>European Journal of Pediatrics</i> , 2019, 178, 1207-1218.	1.3	59
3699	Amyloid Precursor Protein (APP) and GABAergic Neurotransmission. <i>Cells</i> , 2019, 8, 550.	1.8	24

#	ARTICLE	IF	CITATIONS
3700	A Deep Neural Network for Predicting and Engineering Alternative Polyadenylation. <i>Cell</i> , 2019, 178, 91-106.e23.	13.5	141
3701	The Liver X Receptor Agonist TO901317 Ameliorates Behavioral Deficits in Two Mouse Models of Autism. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 213.	1.8	20
3702	Molecular Specialization of GABAergic Synapses on the Soma and Axon in Cortical and Hippocampal Circuit Function and Dysfunction. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 154.	1.4	21
3703	Novel de novo frameshift variant in the ASXL3 gene in a child with microcephaly and global developmental delay. <i>Molecular Medicine Reports</i> , 2019, 20, 505-512.	1.1	10
3704	Association of Early-Onset Alzheimer Disease With Elevated Low-Density Lipoprotein Cholesterol Levels and Rare Genetic Coding Variants of <i>APOB</i> . <i>JAMA Neurology</i> , 2019, 76, 809.	4.5	94
3705	Revisiting the excitation/inhibition imbalance hypothesis of ASD through a clinical lens. <i>British Journal of Radiology</i> , 2019, 92, 20180944.	1.0	36
3706	Sustained correction of associative learning deficits after brief, early treatment in a rat model of Fragile X Syndrome. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	57
3707	Spontaneous and Acetylcholine Evoked Calcium Transients in the Developing Mouse Utricle. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 186.	1.8	11
3708	Predicting pathogenicity of missense variants with weakly supervised regression. <i>Human Mutation</i> , 2019, 40, 1579-1592.	1.1	5
3709	Human Gut Microbiota from Autism Spectrum Disorder Promote Behavioral Symptoms in Mice. <i>Cell</i> , 2019, 177, 1600-1618.e17.	13.5	701
3710	Epstein-Barr Virus-Positive Natural Killer/T-Cell Lymphoma. <i>Frontiers in Oncology</i> , 2019, 9, 386.	1.3	19
3711	Transfer of the Experimental Autoimmune Glaucoma Model from Rats to Mice—New Options to Study Glaucoma Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2563.	1.8	17
3712	Dysregulation of Neuronal Genes by Fetal-Neonatal Iron Deficiency Anemia Is Associated with Altered DNA Methylation in the Rat Hippocampus. <i>Nutrients</i> , 2019, 11, 1191.	1.7	29
3713	EZH2/Bcl-2 Coexpression Predicts Worse Survival in Diffuse Large B-cell Lymphomas and Demonstrates Poor Efficacy to Rituximab in Localized Lesions. <i>Journal of Cancer</i> , 2019, 10, 2006-2017.	1.2	17
3714	Assessment of patient clinical descriptions and pathogenic variants from gene panel sequences in the CAGI—5 intellectual disability challenge. <i>Human Mutation</i> , 2019, 40, 1330-1345.	1.1	11
3715	Regulation of neuronal connectivity in the mammalian brain by chromatin remodeling. <i>Current Opinion in Neurobiology</i> , 2019, 59, 59-68.	2.0	40
3716	ANO1/TMEM16A regulates process maturation in radial glial cells in the developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12494-12499.	3.3	19
3717	Differential Patterns of Visual Sensory Alteration Underlying Face Emotion Recognition Impairment and Motion Perception Deficits in Schizophrenia and Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2019, 86, 557-567.	0.7	51

#	ARTICLE	IF	CITATIONS
3718	The Fragile Brain: Stress Vulnerability, Negative Affect and GABAergic Neurocircuits in Psychosis. <i>Schizophrenia Bulletin</i> , 2019, 45, 1170-1183.	2.3	44
3719	Atypical Response Properties of the Auditory Cortex of Awake MECP2-Overexpressing Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 439.	1.4	13
3720	Repetitive transcranial magnetic stimulation recovers cortical map plasticity induced by sensory deprivation due to deafferentiation. <i>Journal of Physiology</i> , 2019, 597, 4025-4051.	1.3	14
3721	Golgi Complex Dynamics and Its Implication in Prevalent Neurological Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 75.	1.8	24
3722	Accelerated Deficits of Spatial Learning and Memory Resulting From Prenatal Inflammatory Insult Are Correlated With Abnormal Phosphorylation and Methylation of Histone 3 in CD-1 Mice. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 114.	1.7	10
3723	Reduced Neurosteroid Exposure Following Preterm Birth and Its Contribution to Neurological Impairment: A Novel Avenue for Preventative Therapies. <i>Frontiers in Physiology</i> , 2019, 10, 599.	1.3	22
3724	Analysis of a Protein Network Related to Copy Number Variations in Autism Spectrum Disorder. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 140-149.	1.1	7
3725	Analysis of Synapses in Cerebral Organoids. <i>Cell Transplantation</i> , 2019, 28, 1173-1182.	1.2	12
3726	The chromatin landscape of neuronal plasticity. <i>Current Opinion in Neurobiology</i> , 2019, 59, 79-86.	2.0	29
3727	Total copy number variation as a prognostic factor in adult astrocytoma subtypes. <i>Acta Neuropathologica Communications</i> , 2019, 7, 92.	2.4	48
3728	Contribution of DNMT1 to Neuropathic Pain Genesis Partially through Epigenetically Repressing <i>Kcna2</i> in Primary Afferent Neurons. <i>Journal of Neuroscience</i> , 2019, 39, 6595-6607.	1.7	56
3729	Shank3 Mice Carrying the Human Q321R Mutation Display Enhanced Self-Grooming, Abnormal Electroencephalogram Patterns, and Suppressed Neuronal Excitability and Seizure Susceptibility. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 155.	1.4	29
3730	A missense mutation in SLC6A1 associated with Lennox-Gastaut syndrome impairs GABA transporter 1 protein trafficking and function. <i>Experimental Neurology</i> , 2019, 320, 112973.	2.0	37
3731	Dysmaturation of Somatostatin Interneurons Following Umbilical Cord Occlusion in Preterm Fetal Sheep. <i>Frontiers in Physiology</i> , 2019, 10, 563.	1.3	15
3732	Spatiotemporal Regulation of Rho GTPases in Neuronal Migration. <i>Cells</i> , 2019, 8, 568.	1.8	19
3733	Understanding intellectual disability and autism spectrum disorders from common mouse models: synapses to behaviour. <i>Open Biology</i> , 2019, 9, 180265.	1.5	44
3734	Demystifying the extracellular matrix and its proteolytic remodeling in the brain: structural and functional insights. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3229-3248.	2.4	63
3735	From Basic Visual Science to Neurodevelopmental Disorders: The Voyage of Environmental Enrichment-Like Stimulation. <i>Neural Plasticity</i> , 2019, 2019, 1-9.	1.0	17

#	ARTICLE	IF	CITATIONS
3736	Oncogenic Roles and Inhibitors of DNMT1, DNMT3A, and DNMT3B in Acute Myeloid Leukaemia. <i>Biomarker Insights</i> , 2019, 14, 117727191984645.	1.0	87
3737	The histone methyltransferase WHSC1 is regulated by EZH2 and is important for ovarian clear cell carcinoma cell proliferation. <i>BMC Cancer</i> , 2019, 19, 455.	1.1	13
3738	MetaDome: Pathogenicity analysis of genetic variants through aggregation of homologous human protein domains. <i>Human Mutation</i> , 2019, 40, 1030-1038.	1.1	133
3739	Targeting protein methylation: from chemical tools to precision medicines. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2967-2985.	2.4	27
3740	Expanding the neurodevelopmental phenotypes of individuals with de novo KMT2A variants. <i>Npj Genomic Medicine</i> , 2019, 4, 9.	1.7	29
3741	Simple ClinVar: an interactive web server to explore and retrieve gene and disease variants aggregated in ClinVar database. <i>Nucleic Acids Research</i> , 2019, 47, W99-W105.	6.5	51
3742	PRC2 is high maintenance. <i>Genes and Development</i> , 2019, 33, 903-935.	2.7	197
3743	Analysis and minimization of cellular RNA editing by DNA adenine base editors. <i>Science Advances</i> , 2019, 5, eaax5717.	4.7	206
3744	Self-reported Sensory Hypersensitivity Moderates Association Between Tactile Psychophysical Performance and Autism-Related Traits in Neurotypical Adults. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 3159-3172.	1.7	13
3745	Dilated cardiomyopathy. <i>Nature Reviews Disease Primers</i> , 2019, 5, 32.	18.1	347
3746	Human brain transcriptome analysis finds region- and subject-specific expression signatures of GABAAR subunits. <i>Communications Biology</i> , 2019, 2, 153.	2.0	34
3747	Off-Label Use of Bumetanide for Brain Disorders: An Overview. <i>Frontiers in Neuroscience</i> , 2019, 13, 310.	1.4	77
3748	Overlapping migratory mechanisms between neural progenitor cells and brain tumor stem cells. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3553-3570.	2.4	35
3749	Cend1, a Story with Many Tales: From Regulation of Cell Cycle Progression/Exit of Neural Stem Cells to Brain Structure and Function. <i>Stem Cells International</i> , 2019, 2019, 1-16.	1.2	21
3750	Transcription Factors Sp8 and Sp9 Regulate Medial Ganglionic Eminence-Derived Cortical Interneuron Migration. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 75.	1.4	11
3751	Functional and structural connectivity of the brain in very preterm babies: relationship with gestational age and body and brain growth. <i>Pediatric Radiology</i> , 2019, 49, 1078-1084.	1.1	5
3752	Fine-tuning AKT kinase activity through direct lysine methylation. <i>Cell Cycle</i> , 2019, 18, 917-922.	1.3	19
3753	Excitation-inhibition balance as a framework for investigating mechanisms in neuropsychiatric disorders. <i>Molecular Psychiatry</i> , 2019, 24, 1248-1257.	4.1	531

#	ARTICLE	IF	CITATIONS
3754	Synaptic functions and their disruption in schizophrenia: From clinical evidence to synaptic optogenetics in an animal model. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 179-197.	1.6	50
3755	Perturbing Enhancer Activity in Cancer Therapy. <i>Cancers</i> , 2019, 11, 634.	1.7	14
3756	Diazepam Accelerates GABAAR Synaptic Exchange and Alters Intracellular Trafficking. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 163.	1.8	22
3757	Data-Driven Analysis of Age, Sex, and Tissue Effects on Gene Expression Variability in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 392.	1.4	22
3758	NMR-Based Metabolic Profiles of Intact Zebrafish Embryos Exposed to Aflatoxin B1 Recapitulates Hepatotoxicity and Supports Possible Neurotoxicity. <i>Toxins</i> , 2019, 11, 258.	1.5	41
3759	Bridging the gap: Mechanisms of plasticity and repair after pediatric TBI. <i>Experimental Neurology</i> , 2019, 318, 78-91.	2.0	17
3760	Centromeric Satellite DNAs: Hidden Sequence Variation in the Human Population. <i>Genes</i> , 2019, 10, 352.	1.0	75
3761	Peripheral GABA receptors regulate colonic afferent excitability and visceral nociception. <i>Journal of Physiology</i> , 2019, 597, 3425-3439.	1.3	18
3762	Epigenetic Analysis in Human Neurons: Considerations for Disease Modeling in PD. <i>Frontiers in Neuroscience</i> , 2019, 13, 276.	1.4	7
3763	Deep Neural Network Classifier for Virtual Screening Inhibitors of (S)-Adenosyl-L-Methionine (SAM)-Dependent Methyltransferase Family. <i>Frontiers in Chemistry</i> , 2019, 7, 324.	1.8	10
3764	Gluconate suppresses seizure activity in developing brains by inhibiting CLC-3 chloride channels. <i>Molecular Brain</i> , 2019, 12, 50.	1.3	5
3765	Decreased Expression of Synaptophysin 1 (SYP1 Major Synaptic Vesicle Protein p38) and Contactin 6 (CNTN6/NB3) in the Cerebellar Vermis of reln Haplodeficient Mice. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 833-856.	1.7	2
3766	Study of chromatin remodeling genes implicates SMARCA4 as a putative player in oncogenesis in neuroblastoma. <i>International Journal of Cancer</i> , 2019, 145, 2781-2791.	2.3	16
3767	The Integrative Function of Silent Synapses on Subplate Neurons in Cortical Development and Dysfunction. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 41.	0.9	20
3768	Tat expression led to increased histone 3 tri-methylation at lysine 27 and contributed to HIV latency in astrocytes through regulation of MeCP2 and Ezh2 expression. <i>Journal of NeuroVirology</i> , 2019, 25, 508-519.	1.0	4
3769	Uncovering Missing Heritability in Rare Diseases. <i>Genes</i> , 2019, 10, 275.	1.0	38
3770	Epigenetic Modulators as Potential Multi-targeted Drugs Against Hedgehog Pathway for Treatment of Cancer. <i>Protein Journal</i> , 2019, 38, 537-550.	0.7	12
3771	Overlapping Activities of Two Neuronal Splicing Factors Switch the GABA Effect from Excitatory to Inhibitory by Regulating REST. <i>Cell Reports</i> , 2019, 27, 860-871.e8.	2.9	28

#	ARTICLE	IF	CITATIONS
3772	Pancreatic acinar cell carcinoma is associated with <i>BRCA2</i> germline mutations: a case report and literature review. <i>Cancer Biology and Therapy</i> , 2019, 20, 949-955.	1.5	21
3773	HDAC6 dysfunction contributes to impaired maturation of adult neurogenesis in vivo: vital role on functional recovery after ischemic stroke. <i>Journal of Biomedical Science</i> , 2019, 26, 27.	2.6	15
3774	Effects of neonatal ethanol on cerebral cortex development through adolescence. <i>Brain Structure and Function</i> , 2019, 224, 1871-1884.	1.2	13
3775	WNT/NOTCH Pathway Is Essential for the Maintenance and Expansion of Human MGE Progenitors. <i>Stem Cell Reports</i> , 2019, 12, 934-949.	2.3	17
3776	The Glutamine Transporter Slc38a1 Regulates GABAergic Neurotransmission and Synaptic Plasticity. <i>Cerebral Cortex</i> , 2019, 29, 5166-5179.	1.6	27
3777	TAGOOS: genome-wide supervised learning of non-coding loci associated to complex phenotypes. <i>Nucleic Acids Research</i> , 2019, 47, e79-e79.	6.5	3
3778	Sex and Estrous Cycle Effects on Anxiety- and Depression-Related Phenotypes in a Two-Hit Developmental Stress Model. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 74.	1.4	61
3779	Molecular Biomarkers in Fragile X Syndrome. <i>Brain Sciences</i> , 2019, 9, 96.	1.1	21
3780	Abnormal Brain-Derived Neurotrophic Factor Exon IX Promoter Methylation, Protein, and mRNA Levels in Patients with Major Depressive Disorder. <i>Journal of Clinical Medicine</i> , 2019, 8, 568.	1.0	33
3781	In vitro transdifferentiation of human adipose tissue-derived stem cells to neural lineage cells - a stage-specific incidence. <i>Adipocyte</i> , 2019, 8, 164-177.	1.3	19
3782	Enhanced GABAergic Immunoreactivity in Hippocampal Neurons and Astroglia of Multiple Sclerosis Patients. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 480-491.	0.9	13
3783	Characterization and haplotype study of 6 novel STR markers related to the <i>KCNQ1</i> gene in heterogeneous cardiovascular disorders in the Iranian population. <i>Turkish Journal of Medical Sciences</i> , 2019, 49, 453-457.	0.4	6
3784	Comparison of Predictive <i>In Silico</i> Tools on Missense Variants in <i>GJB2</i> , <i>GJB6</i> , and <i>GJB3</i> Genes Associated with Autosomal Recessive Deafness 1A (DFNB1A). <i>Scientific World Journal</i> , The, 2019, 2019, 1-9.	0.8	26
3785	Mutations in <i>PIK3C2A</i> cause syndromic short stature, skeletal abnormalities, and cataracts associated with ciliary dysfunction. <i>PLoS Genetics</i> , 2019, 15, e1008088.	1.5	45
3786	DNA methylation studies of depression with onset in the peripartum: A critical systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 106-122.	2.9	4
3787	Mechanisms underlying a critical period of respiratory development in the rat. <i>Respiratory Physiology and Neurobiology</i> , 2019, 264, 40-50.	0.7	26
3788	Control of neural development and function by glial neurotrophins. <i>Current Opinion in Neurobiology</i> , 2019, 57, 163-170.	2.0	27
3789	Heterozygous familial hypercholesterolaemia in a pair of identical twins: a case report and updated review. <i>BMC Pediatrics</i> , 2019, 19, 106.	0.7	10

#	ARTICLE	IF	CITATIONS
3790	Broad domains of histone 3 lysine 4 trimethylation are associated with transcriptional activation in CA1 neurons of the hippocampus during memory formation. <i>Neurobiology of Learning and Memory</i> , 2019, 161, 149-157.	1.0	24
3791	Prenatal selective serotonin reuptake inhibitor (SSRI) exposure induces working memory and social recognition deficits by disrupting inhibitory synaptic networks in male mice. <i>Molecular Brain</i> , 2019, 12, 29.	1.3	20
3792	Retinal alterations in a pre-clinical model of an autism spectrum disorder. <i>Molecular Autism</i> , 2019, 10, 19.	2.6	15
3793	A kinetic model for Brain-Derived Neurotrophic Factor mediated spike timing-dependent LTP. <i>PLoS Computational Biology</i> , 2019, 15, e1006975.	1.5	9
3794	The Evolving Landscape of Cancer Stem Cells and Ways to Overcome Cancer Heterogeneity. <i>Cancers</i> , 2019, 11, 532.	1.7	15
3795	Epigenetic Regulations in Neuropsychiatric Disorders. <i>Frontiers in Genetics</i> , 2019, 10, 268.	1.1	116
3796	Novel mutations in <i>MYBPC1</i> are associated with myogenic tremor and mild myopathy. <i>Annals of Neurology</i> , 2019, 86, 129-142.	2.8	27
3797	Fine-Scale Characterization of Genomic Structural Variation in the Human Genome Reveals Adaptive and Biomedically Relevant Hotspots. <i>Genome Biology and Evolution</i> , 2019, 11, 1136-1151.	1.1	41
3798	SNP Variation of RELN Gene and Schizophrenia in a Chinese Population: A Hospital-Based Case-Control Study. <i>Frontiers in Genetics</i> , 2019, 10, 175.	1.1	6
3799	Children with Autism Spectrum Disorder Demonstrate Regionally Specific Altered Resting-State Phase-Amplitude Coupling. <i>Brain Connectivity</i> , 2019, 9, 425-436.	0.8	18
3800	Molecular Mechanisms of Synaptic Dysregulation in Fragile X Syndrome and Autism Spectrum Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 51.	1.4	58
3801	Neurodevelopmental Disorders: Functional Role of Ambra1 in Autism and Schizophrenia. <i>Molecular Neurobiology</i> , 2019, 56, 6716-6724.	1.9	14
3802	Ex vivo fetal brain MRI: Recent advances, challenges, and future directions. <i>NeuroImage</i> , 2019, 195, 23-37.	2.1	30
3803	BOLD signal variability and complexity in children and adolescents with and without autism spectrum disorder. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100630.	1.9	43
3804	A Hypothetical Model Concerning How Spike-Timing-Dependent Plasticity Contributes to Neural Circuit Formation and Initiation of the Critical Period in Barrel Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 3784-3791.	1.7	11
3805	The attention set-shifting test is sensitive for revealing sex-based impairments in executive functions following developmental lead exposure in rats. <i>Behavioural Brain Research</i> , 2019, 366, 126-134.	1.2	14
3806	A multiscale analysis in CD38 <sup>+/+</sup> mice unveils major prefrontal cortex dysfunctions. <i>FASEB Journal</i> , 2019, 33, 5823-5835.	0.2	19
3807	Posterior axis formation requires Dlx5/Dlx6 expression at the neural plate border. <i>PLoS ONE</i> , 2019, 14, e0214063.	1.1	5

#	ARTICLE	IF	CITATIONS
3808	Estimating carrier frequencies of newborn screening disorders using a whole-genome reference panel of 3552 Japanese individuals. <i>Human Genetics</i> , 2019, 138, 389-409.	1.8	7
3809	Medial Preoptic Area Modulates Courtship Ultrasonic Vocalization in Adult Male Mice. <i>Neuroscience Bulletin</i> , 2019, 35, 697-708.	1.5	43
3810	A Synaptic Perspective of Fragile X Syndrome and Autism Spectrum Disorders. <i>Neuron</i> , 2019, 101, 1070-1088.	3.8	225
3811	Functional Access to Neuron Subclasses in Rodent and Primate Forebrain. <i>Cell Reports</i> , 2019, 26, 2818-2832.e8.	2.9	60
3812	Neurexins are versatile molecular platforms in the synaptic cleft. <i>Current Opinion in Structural Biology</i> , 2019, 54, 112-121.	2.6	19
3813	Emerging epigenetic-modulating therapies in lymphoma. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 494-507.	12.5	80
3814	Genetic Testing to Guide Risk-Stratified Screens for Breast Cancer. <i>Journal of Personalized Medicine</i> , 2019, 9, 15.	1.1	21
3815	Reciprocal Regulation of KCC2 Trafficking and Synaptic Activity. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 48.	1.8	32
3816	The histone deacetylase inhibitor suberoylanilide hydroxamic acid (SAHA) alleviates depression-like behavior and normalizes epigenetic changes in the hippocampus during ethanol withdrawal. <i>Alcohol</i> , 2019, 78, 79-87.	0.8	41
3817	Impaired development of neocortical circuits contributes to the neurological alterations in DYRK1A haploinsufficiency syndrome. <i>Neurobiology of Disease</i> , 2019, 127, 210-222.	2.1	35
3818	Aberrant neurotransmission mRNAs in cerebral ganglions of rotenone-exposed <i>Lumbricus terrestris</i> exhibiting motor dysfunction and altered cognitive behavior. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14461-14472.	2.7	2
3819	GABA inhibits proliferation and self-renewal of mouse retinal progenitor cell. <i>Cell Death Discovery</i> , 2019, 5, 80.	2.0	7
3820	A Novel Mutation of the Calcium-Sensing Receptor Gene Causing Familial Hypocalciuric Hypercalcemia Complicates Medical Followup after Roux-en-Y Gastric Bypass: A Case Report and a Summary of Mutations Found in the Same Hospital Laboratory. <i>Case Reports in Endocrinology</i> , 2019, 2019, 1-5.	0.2	2
3821	A multifaceted approach for analyzing complex phenotypic data in rodent models of autism. <i>Molecular Autism</i> , 2019, 10, 11.	2.6	6
3822	Semaphorin4D Induces Inhibitory Synapse Formation by Rapid Stabilization of Presynaptic Boutons via MET Coactivation. <i>Journal of Neuroscience</i> , 2019, 39, 4221-4237.	1.7	20
3823	Alterations in GABA <sub>A</sub> -Receptor Trafficking and Synaptic Dysfunction in Brain Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 77.	1.8	59
3824	Interactions between Membrane Resistance, GABA-A Receptor Properties, Bicarbonate Dynamics and Cl <sup>-</sup> -Transport Shape Activity-Dependent Changes of Intracellular Cl <sup>-</sup> Concentration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1416.	1.8	16
3825	Epigenetic therapy of Prader-Willi syndrome. <i>Translational Research</i> , 2019, 208, 105-118.	2.2	35

#	ARTICLE	IF	CITATIONS
3826	Motor cortex excitability and inhibitory imbalance in autism spectrum disorder assessed with transcranial magnetic stimulation: a systematic review. <i>Translational Psychiatry</i> , 2019, 9, 110.	2.4	46
3827	Tonic Activation of GluN2C/GluN2D-Containing NMDA Receptors by Ambient Glutamate Facilitates Cortical Interneuron Maturation. <i>Journal of Neuroscience</i> , 2019, 39, 3611-3626.	1.7	68
3828	Prenatal treatment with EGCG enriched green tea extract rescues GAD67 related developmental and cognitive defects in Down syndrome mouse models. <i>Scientific Reports</i> , 2019, 9, 3914.	1.6	35
3829	Carrier frequency estimation of Zellweger spectrum disorder using ExAC database and bioinformatics tools. <i>Genetics in Medicine</i> , 2019, 21, 1969-1976.	1.1	10
3830	Sex Differences in the Effects of Prenatal Bisphenol A Exposure on Genes Associated with Autism Spectrum Disorder in the Hippocampus. <i>Scientific Reports</i> , 2019, 9, 3038.	1.6	46
3831	Association of variants in <i>HTRA1</i> and <i>NOTCH3</i> with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , 2019, 142, 1009-1023.	3.7	37
3832	FoPA: identifying perturbed signaling pathways in clinical conditions using formal methods. <i>BMC Bioinformatics</i> , 2019, 20, 92.	1.2	5
3833	Convergent perturbation of the human domain-resolved interactome by viruses and mutations inducing similar disease phenotypes. <i>PLoS Computational Biology</i> , 2019, 15, e1006762.	1.5	7
3834	Rewiring of Memory Circuits: Connecting Adult Newborn Neurons With the Help of Microglia. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 24.	1.8	52
3835	Effects of Perinatal Exposure to Ketamine on the Developing Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 138.	1.4	33
3836	Enrichment of short mutant cell-free DNA fragments enhanced detection of pancreatic cancer. <i>EBioMedicine</i> , 2019, 41, 345-356.	2.7	59
3837	New insights into the pathogenicity of non-synonymous variants through multi-level analysis. <i>Scientific Reports</i> , 2019, 9, 1667.	1.6	40
3838	Base excision repair deficiency signatures implicate germline and somatic <i>MUTYH</i> aberrations in pancreatic ductal adenocarcinoma and breast cancer oncogenesis. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a003681.	0.5	33
3839	A novel elastin gene frameshift mutation in a Russian family with cutis laxa: a case report. <i>BMC Dermatology</i> , 2019, 19, 4.	2.1	4
3840	How good are pathogenicity predictors in detecting benign variants?. <i>PLoS Computational Biology</i> , 2019, 15, e1006481.	1.5	79
3841	Behavioral effects of postnatal ketamine exposure in rhesus macaque infants are dependent on MAOA-LPR genotype. <i>Developmental Psychobiology</i> , 2019, 61, 605-614.	0.9	1
3842	Histone demethylases in neuronal differentiation, plasticity, and disease. <i>Current Opinion in Neurobiology</i> , 2019, 59, 9-15.	2.0	23
3843	Exploring the Drug Repurposing Versatility of Valproic Acid as a Multifunctional Regulator of Innate and Adaptive Immune Cells. <i>Journal of Immunology Research</i> , 2019, 2019, 1-24.	0.9	48

#	ARTICLE	IF	CITATIONS
3844	Alcohol Interaction with Cocaine, Methamphetamine, Opioids, Nicotine, Cannabis, and $\hat{1}^3$ -Hydroxybutyric Acid. <i>Biomedicines</i> , 2019, 7, 16.	1.4	27
3845	Pathogenesis and biomarkers of natural killer T cell lymphoma (NKTL). <i>Journal of Hematology and Oncology</i> , 2019, 12, 28.	6.9	27
3846	Calling in the Cavalry— <i>Toxoplasma gondii</i> Hijacks GABAergic Signaling and Voltage-Dependent Calcium Channel Signaling for Trojan horse-Mediated Dissemination. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 61.	1.8	21
3847	AMPA Receptor Dysregulation and Therapeutic Interventions in a Mouse Model of CDKL5 Deficiency Disorder. <i>Journal of Neuroscience</i> , 2019, 39, 4814-4828.	1.7	52
3848	Epigenetic regulation of T helper cells and intestinal pathogenicity. <i>Seminars in Immunopathology</i> , 2019, 41, 379-399.	2.8	20
3849	A Combined in silico, in vitro and Clinical Approach to Characterize Novel Pathogenic Missense Variants in PRPF31 in Retinitis Pigmentosa. <i>Frontiers in Genetics</i> , 2019, 10, 248.	1.1	7
3850	Precision Targeting with EZH2 and HDAC Inhibitors in Epigenetically Dysregulated Lymphomas. <i>Clinical Cancer Research</i> , 2019, 25, 5271-5283.	3.2	59
3851	The etiological contribution of GABAergic plasticity to the pathogenesis of neuropathic pain. <i>Molecular Pain</i> , 2019, 15, 174480691984736.	1.0	59
3852	Inhibitory Units: An Organizing Nidus for Feature-Selective SubNetworks in Area V1. <i>Journal of Neuroscience</i> , 2019, 39, 4931-4944.	1.7	7
3853	Compound heterozygous POMGNT1 mutations leading to muscular dystrophy-dystroglycanopathy type A3: a case report. <i>BMC Pediatrics</i> , 2019, 19, 98.	0.7	10
3854	Epigenetic Enzyme Mutations: Role in Tumorigenesis and Molecular Inhibitors. <i>Frontiers in Oncology</i> , 2019, 9, 194.	1.3	73
3855	Prominent Postsynaptic and Dendritic Exocytosis of Endogenous BDNF Vesicles in BDNF-GFP Knock-in Mice. <i>Molecular Neurobiology</i> , 2019, 56, 6833-6855.	1.9	22
3856	NitroSynapsin for the treatment of neurological manifestations of tuberous sclerosis complex in a rodent model. <i>Neurobiology of Disease</i> , 2019, 127, 390-397.	2.1	8
3857	A review of visual aftereffects in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 101, 68-77.	2.9	16
3858	Postnatal development and maturation of layer 1 in the lateral prefrontal cortex and its disruption in autism. <i>Acta Neuropathologica Communications</i> , 2019, 7, 40.	2.4	20
3859	Sleep and Neurochemical Modulation by DZNep and GSK-J1: Potential Link With Histone Methylation Status. <i>Frontiers in Neuroscience</i> , 2019, 13, 237.	1.4	6
3860	Combined Effects of Three High-Energy Charged Particle Beams Important for Space Flight on Brain, Behavioral and Cognitive Endpoints in B6D2F1 Female and Male Mice. <i>Frontiers in Physiology</i> , 2019, 10, 179.	1.3	61
3861	Reduced computational modelling of $\hat{K}^{\hat{A}}$ lliker—Fuse contributions to breathing patterns in Rett syndrome. <i>Journal of Physiology</i> , 2019, 597, 2651-2672.	1.3	5

#	ARTICLE	IF	CITATIONS
3862	Patterns of Membrane Protein Clustering in Peripheral Lymphocytes as Predictors of Therapeutic Outcomes in Major Depressive Disorder. <i>Frontiers in Pharmacology</i> , 2019, 10, 190.	1.6	5
3863	DNA methylation inhibitor attenuates polyglutamine-induced neurodegeneration by regulating Hes5. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	16
3864	Polycomb/Trithorax Antagonism: Cellular Memory in Stem Cell Fate and Function. <i>Cell Stem Cell</i> , 2019, 24, 518-533.	5.2	48
3865	Epigenetic Memory of Early-Life Parental Perturbation: Dopamine Decrease and DNA Methylation Changes in Offspring. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	17
3866	Comparative transcriptome analysis and ChIP-sequencing reveals stage-specific gene expression and regulation profiles associated with pollen wall formation in <i>Brassica rapa</i> . <i>BMC Genomics</i> , 2019, 20, 264.	1.2	20
3867	The Neuroprotective Effect of miR-181a After Oxygen-Glucose Deprivation/Reperfusion and the Associated Mechanism. <i>Journal of Molecular Neuroscience</i> , 2019, 68, 261-274.	1.1	1
3868	Molecular pathogenic pathways in extranodal NK/T cell lymphoma. <i>Journal of Hematology and Oncology</i> , 2019, 12, 33.	6.9	82
3869	Microsatellite Instability Is Associated With the Presence of Lynch Syndrome Pan-Cancer. <i>Journal of Clinical Oncology</i> , 2019, 37, 286-295.	0.8	397
3870	AMPA receptors and their minions: auxiliary proteins in AMPA receptor trafficking. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2133-2169.	2.4	78
3871	Diazepam Inhibits Post-Traumatic Neurogenesis and Blocks Aberrant Dendritic Development. <i>Journal of Neurotrauma</i> , 2019, 36, 2454-2467.	1.7	18
3872	Cadherin 8 regulates proliferation of cortical interneuron progenitors. <i>Brain Structure and Function</i> , 2019, 224, 277-292.	1.2	10
3873	Differential expression of neurexin genes in the mouse brain. <i>Journal of Comparative Neurology</i> , 2019, 527, 1940-1965.	0.9	36
3874	Neuroligins Differentially Mediate Subtype-Specific Synapse Formation in Pyramidal Neurons and Interneurons. <i>Neuroscience Bulletin</i> , 2019, 35, 497-506.	1.5	9
3875	Lack of experience-dependent intrinsic plasticity in the adolescent infralimbic medial prefrontal cortex. <i>Synapse</i> , 2019, 73, e22090.	0.6	18
3876	The lncRNA BDNF-AS is an epigenetic regulator in the human amygdala in early onset alcohol use disorders. <i>Translational Psychiatry</i> , 2019, 9, 34.	2.4	73
3877	Levetiracetam optimal dose-finding as first-line treatment for neonatal seizures occurring in the context of hypoxic-ischaemic encephalopathy (LEVNEONAT-1): study protocol of a phase II trial. <i>BMJ Open</i> , 2019, 9, e022739.	0.8	15
3878	Endogenous Pancreatic $\beta^2$ Cell Regeneration: A Potential Strategy for the Recovery of $\beta^2$ Cell Deficiency in Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 101.	1.5	65
3879	Pediatric Epilepsy Mechanisms: Expanding the Paradigm of Excitation/Inhibition Imbalance. <i>Children</i> , 2019, 6, 23.	0.6	47

#	ARTICLE	IF	CITATIONS
3880	H3.3 K27M depletion increases differentiation and extends latency of diffuse intrinsic pontine glioma growth in vivo. <i>Acta Neuropathologica</i> , 2019, 137, 637-655.	3.9	85
3881	Cross-species models of attention-deficit/hyperactivity disorder and autism spectrum disorder. <i>Psychiatric Genetics</i> , 2019, 29, 1-17.	0.6	23
3882	Polycomb group proteins EZH2 and EED directly regulate androgen receptor in advanced prostate cancer. <i>International Journal of Cancer</i> , 2019, 145, 415-426.	2.3	51
3883	Critical synchronization and 1/f noise in inhibitory/excitatory rich-club neural networks. <i>Scientific Reports</i> , 2019, 9, 1258.	1.6	9
3884	NCBoost classifies pathogenic non-coding variants in Mendelian diseases through supervised learning on purifying selection signals in humans. <i>Genome Biology</i> , 2019, 20, 32.	3.8	47
3885	Novel Variant of the Androgen Receptor Gene in a Patient With Complete Androgen Insensitivity Syndrome and Polyorchidism. <i>Frontiers in Endocrinology</i> , 2018, 9, 795.	1.5	0
3886	Bumetanide Prevents Brain Trauma-Induced Depressive-Like Behavior. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 12.	1.4	23
3887	Targeting epigenetics for cancer therapy. <i>Archives of Pharmacal Research</i> , 2019, 42, 159-170.	2.7	114
3888	<sup>18</sup> F-Labeled PET Probe Targeting Enhancer of Zeste Homologue 2 (EZH2) for Cancer Imaging. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 334-340.	1.3	4
3889	EMT is associated with an epigenetic signature of ECM remodeling genes. <i>Cell Death and Disease</i> , 2019, 10, 205.	2.7	99
3890	Glial Contribution to Excitatory and Inhibitory Synapse Loss in Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 63.	1.8	99
3891	Treating Rett syndrome: from mouse models to human therapies. <i>Mammalian Genome</i> , 2019, 30, 90-110.	1.0	61
3892	Comparative Analyses of the 12 Most Abundant PCB Congeners Detected in Human Maternal Serum for Activity at the Thyroid Hormone Receptor and Ryanodine Receptor. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3948-3958.	4.6	60
3893	Vangl2 interaction plays a role in the proteasomal degradation of Prickle2. <i>Scientific Reports</i> , 2019, 9, 2912.	1.6	10
3894	OAS-RNase L innate immune pathway mediates the cytotoxicity of a DNA-demethylating drug. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5071-5076.	3.3	58
3895	Sex and gender bias in the experimental neurosciences: the case of the maternal immune activation model. <i>Translational Psychiatry</i> , 2019, 9, 90.	2.4	47
3896	Early-life sleep disruption increases parvalbumin in primary somatosensory cortex and impairs social bonding in prairie voles. <i>Science Advances</i> , 2019, 5, eaav5188.	4.7	44
3897	Role of Palmitoylation of Postsynaptic Proteins in Promoting Synaptic Plasticity. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 8.	1.4	67

#	ARTICLE	IF	CITATIONS
3898	<p>Genetic effects on white matter integrity in drug-naive patients with major depressive disorder: a diffusion tensor imaging study of 17 genetic loci associated with depressive symptoms</p>. Neuropsychiatric Disease and Treatment, 2019, Volume 15, 375-383.	1.0	29
3899	A Review of Epigenetics of PTSD in Comorbid Psychiatric Conditions. Genes, 2019, 10, 140.	1.0	36
3900	Molecular constituents and localization of the ionotropic GABA receptor complex in vivo. Current Opinion in Neurobiology, 2019, 57, 81-86.	2.0	14
3901	Histamine H1 Receptors in Neural Stem Cells Are Required for the Promotion of Neurogenesis Conferred by H3 Receptor Antagonism following Traumatic Brain Injury. Stem Cell Reports, 2019, 12, 532-544.	2.3	28
3902	Integrated curation and data mining for disease and phenotype models at the Rat Genome Database. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	5
3903	Alterations of DNA Methylation at GDNF Gene Promoter in the Ventral Tegmental Area of Adult Depression-Like Rats Induced by Maternal Deprivation. Frontiers in Psychiatry, 2018, 9, 732.	1.3	11
3904	Genome-wide expression analysis reveals six contravened targets of EZH2 associated with breast cancer patient survival. Scientific Reports, 2019, 9, 1974.	1.6	19
3905	A Mouse Mutation That Dysregulates Neighboring <i>Galnt17</i> and <i>Auts2</i> Genes Is Associated with Phenotypes Related to the Human AUTS2 Syndrome. G3: Genes, Genomes, Genetics, 2019, 9, 3891-3906.	0.8	6
3906	Debutant iOS app and geneâ€disease complexities in clinical genomics and precision medicine. Clinical and Translational Medicine, 2019, 8, 26.	1.7	17
3907	Intriguing Origins of Protein Lysine Methylation: Influencing Cell Function Through Dynamic Methylation. Genomics, Proteomics and Bioinformatics, 2019, 17, 551-557.	3.0	1
3908	Yoga: Can it be integrated with treatment of neuropathic pain?. Annals of Neurosciences, 2019, 26, 82-91.	0.9	7
3909	Targeted knockout of GABA receptor gamma 2 subunit provokes transient light-induced reflex seizures in zebrafish larvae. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	29
3910	Patientsâ€™ Medical and Psychosocial Experiences After Detection of a CDH1 Variant With Multigene Panel Testing. JCO Precision Oncology, 2019, 3, 1-14.	1.5	11
3911	Developmental Changes of Glutamate and GABA Receptor Densities in Wistar Rats. Frontiers in Neuroanatomy, 2019, 13, 100.	0.9	37
3912	Morphine Differentially Alters the Synaptic and Intrinsic Properties of D1R- and D2R-Expressing Medium Spiny Neurons in the Nucleus Accumbens. Frontiers in Synaptic Neuroscience, 2019, 11, 35.	1.3	15
3913	Distinct clinical and biological implications of CUX1 in myeloid neoplasms. Blood Advances, 2019, 3, 2164-2178.	2.5	26
3914	GTX.Digest.VCF: an online NGS data interpretation system based on intelligent gene ranking and large-scale text mining. BMC Medical Genomics, 2019, 12, 193.	0.7	3
3915	EZH2 abnormalities in lymphoid malignancies: underlying mechanisms and therapeutic implications. Journal of Hematology and Oncology, 2019, 12, 118.	6.9	62

#	ARTICLE	IF	CITATIONS
3916	Inhibitory Synapse Formation at the Axon Initial Segment. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 266.	1.4	10
3917	Family C G-Protein-Coupled Receptors in Alzheimer's Disease and Therapeutic Implications. <i>Frontiers in Pharmacology</i> , 2019, 10, 1282.	1.6	20
3918	Super-enhancers in transcriptional regulation and genome organization. <i>Nucleic Acids Research</i> , 2019, 47, 11481-11496.	6.5	85
3919	EZH2 negatively regulates PD-L1 expression in hepatocellular carcinoma. , 2019, 7, 300.		114
3920	MiR-137 Deficiency Causes Anxiety-Like Behaviors in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 260.	1.4	21
3921	Diverse Neuron Properties and Complex Network Dynamics in the Cerebellar Cortical Inhibitory Circuit. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 267.	1.4	31
3922	Developing Modern Pain Therapies. <i>Frontiers in Neuroscience</i> , 2019, 13, 1370.	1.4	20
3923	MGeND: an integrated database for Japanese clinical and genomic information. <i>Human Genome Variation</i> , 2019, 6, 53.	0.4	6
3924	Drug screening approach combines epigenetic sensitization with immunochemotherapy in cancer. <i>Clinical Epigenetics</i> , 2019, 11, 192.	1.8	1
3925	Structural Insights Into TDP-43 and Effects of Post-translational Modifications. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 301.	1.4	86
3926	Mutations in neuroligin-3 in male mice impact behavioral flexibility but not relational memory in a touchscreen test of visual transitive inference. <i>Molecular Autism</i> , 2019, 10, 42.	2.6	18
3927	Executive Function in Autism Spectrum Disorder: History, Theoretical Models, Empirical Findings, and Potential as an Endophenotype. <i>Frontiers in Psychiatry</i> , 2019, 10, 753.	1.3	116
3928	DHEA Attenuates Microglial Activation via Induction of JMJD3 in Experimental Subarachnoid Haemorrhage. <i>Journal of Neuroinflammation</i> , 2019, 16, 243.	3.1	37
3929	The Role of Genetic Testing in the Clinical Practice and Research of Early-Onset Parkinsonian Disorders in a Hungarian Cohort: Increasing Challenge in Genetic Counselling, Improving Chances in Stratification for Clinical Trials. <i>Frontiers in Genetics</i> , 2019, 10, 1061.	1.1	9
3930	Epigenetic modifications of histones in cancer. <i>Genome Biology</i> , 2019, 20, 245.	3.8	322
3931	Ubiquitination of the HPV Oncoprotein E6 Is Critical for E6/E6AP-Mediated p53 Degradation. <i>Frontiers in Microbiology</i> , 2019, 10, 2483.	1.5	58
3932	VarSight: prioritizing clinically reported variants with binary classification algorithms. <i>BMC Bioinformatics</i> , 2019, 20, 496.	1.2	14
3933	Paradoxical Changes Underscore Epigenetic Reprogramming During Adult Zebrafish Extraocular Muscle Regeneration. , 2019, 60, 4991.		5

#	ARTICLE	IF	CITATIONS
3934	Coincident Activation of Glutamate Receptors Enhances GABAA Receptor-Induced Ionic Plasticity of the Intracellular Cl <sup>-</sup> -Concentration in Dissociated Neuronal Cultures. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 497.	1.8	6
3935	Neuroprotective potential of solanesol in intracerebroventricular propionic acid induced experimental model of autism: Insights from behavioral and biochemical evidence. <i>Toxicology Reports</i> , 2019, 6, 1164-1175.	1.6	48
3936	Modeling Niemann-Pick disease type C in a human haploid cell line allows for patient variant characterization and clinical interpretation. <i>Genome Research</i> , 2019, 29, 2010-2019.	2.4	14
3937	Dynamics of social representation in the mouse prefrontal cortex. <i>Nature Neuroscience</i> , 2019, 22, 2013-2022.	7.1	78
3938	Representing glycophenotypes: semantic unification of glycobiology resources for disease discovery. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	5
3939	Update on KMT2B-Related Dystonia. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 92.	2.0	39
3940	KCC2 expression levels are reduced in post mortem brain tissue of Rett syndrome patients. <i>Acta Neuropathologica Communications</i> , 2019, 7, 196.	2.4	33
3941	Histone demethylase PHF2 activates CREB and promotes memory consolidation. <i>EMBO Reports</i> , 2019, 20, e45907.	2.0	23
3942	Pervasive Inter-Individual Variation in Allele-Specific Expression in Monozygotic Twins. <i>Frontiers in Genetics</i> , 2019, 10, 1178.	1.1	8
3943	A half century of $\hat{1}^3$ -aminobutyric acid. <i>Brain and Neuroscience Advances</i> , 2019, 3, 239821281985824.	1.8	42
3944	Identification of infectious disease-associated host genes using machine learning techniques. <i>BMC Bioinformatics</i> , 2019, 20, 736.	1.2	26
3945	Increased Ca <sup>2+</sup> signaling in NRXN1 <sup>+/+</sup> neurons derived from ASD induced pluripotent stem cells. <i>Molecular Autism</i> , 2019, 10, 52.	2.6	33
3946	The Reeler Mouse: A Translational Model of Human Neurological Conditions, or Simply a Good Tool for Better Understanding Neurodevelopment?. <i>Journal of Clinical Medicine</i> , 2019, 8, 2088.	1.0	19
3947	Neuroigin 3 Regulates Dendritic Outgrowth by Modulating Akt/mTOR Signaling. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 518.	1.8	20
3948	Review on Cross Talk between Neurotransmitters and Neuroinflammation in Striatum and Cerebellum in the Mediation of Motor Behaviour. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	42
3949	<p>The Prognostic Significance Of JMJD3 In Primary Sarcomatoid Carcinoma Of The Lung, A Rare Subtype Of Lung Cancer</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 9385-9393.	1.0	12
3950	Spontaneous Activity Patterns Are Altered in the Developing Visual Cortex of the Fmr1 Knockout Mouse. <i>Frontiers in Neural Circuits</i> , 2019, 13, 57.	1.4	22
3951	Region-Specific Reduction of BDNF Protein and Transcripts in the Hippocampus of Juvenile Rats Prenatally Treated With Sodium Valproate. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 261.	1.4	9

#	ARTICLE	IF	CITATIONS
3952	Baseline Characteristics of the VANISH Cohort. <i>Circulation: Heart Failure</i> , 2019, 12, e006231.	1.6	10
3953	<p>A Molecular Epidemiological Analysis Of Programmed Cell Death Ligand-1 (PD-L1) Protein Expression, Mutations And Survival In Non-Small Cell Lung Cancer</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 9469-9481.	0.9	1
3954	Depression, GABA, and Age Correlate with Plasma Levels of Inflammatory Markers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6172.	1.8	18
3955	Methyltransferase Inhibitors: Competing with, or Exploiting the Bound Cofactor. <i>Molecules</i> , 2019, 24, 4492.	1.7	36
3956	3â€™ UTRs Regulate Protein Functions by Providing a Nurturing Niche during Protein Synthesis. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 95-104.	2.0	8
3957	Molecular Architecture of Genetically-Tractable GABA Synapses in <i>C. elegans</i> . <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 304.	1.4	14
3958	Next-Generation Sequencing and the Clinical Oncology Workflow: Data Challenges, Proposed Solutions, and a Call to Action. <i>JCO Precision Oncology</i> , 2019, 3, 1-10.	1.5	25
3959	An activating mutation of the NSD2 histone methyltransferase drives oncogenic reprogramming in acute lymphocytic leukemia. <i>Oncogene</i> , 2019, 38, 671-686.	2.6	39
3960	Combining newborn metabolic and DNA analysis for second-tier testing of methylmalonic acidemia. <i>Genetics in Medicine</i> , 2019, 21, 896-903.	1.1	31
3961	Specificity proteins 1 and 4 in peripheral blood mononuclear cells in postmenopausal women with schizophrenia: a 24-week double-blind, randomized, parallel, placebo-controlled trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 941-948.	1.8	4
3962	Development of Clinical Domain Working Groups for the Clinical Genome Resource (ClinGen): lessons learned and plans for the future. <i>Genetics in Medicine</i> , 2019, 21, 987-993.	1.1	17
3963	Bypassing Glutamic Acid Decarboxylase 1 (Gad1) Induced Craniofacial Defects with a Photoactivatable Translation Blocker Morpholino. <i>ACS Chemical Neuroscience</i> , 2019, 10, 266-278.	1.7	25
3964	Brain changes in a maternal immune activation model of neurodevelopmental brain disorders. <i>Progress in Neurobiology</i> , 2019, 175, 1-19.	2.8	165
3965	Human RIPK1 deficiency causes combined immunodeficiency and inflammatory bowel diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 970-975.	3.3	130
3966	Characterizing the Interplay Between Autism Spectrum Disorder and Comorbid Medical Conditions: An Integrative Review. <i>Frontiers in Psychiatry</i> , 2018, 9, 751.	1.3	94
3967	GABA, Î³-Aminobutyric Acid, Protects Against Severe Liver Injury. <i>Journal of Surgical Research</i> , 2019, 236, 172-183.	0.8	29
3968	Augmented Reticular Thalamic Bursting and Seizures in Scn1a-Dravet Syndrome. <i>Cell Reports</i> , 2019, 26, 54-64.e6.	2.9	44
3969	Efficient base editing in G/C-rich regions to model androgen insensitivity syndrome. <i>Cell Research</i> , 2019, 29, 174-176.	5.7	15

#	ARTICLE	IF	CITATIONS
3970	Impaired cocaine-induced behavioral plasticity in the male offspring of cocaine-experienced sires. <i>European Journal of Neuroscience</i> , 2019, 49, 1115-1126.	1.2	24
3971	Biodistribution, Tumor Detection, and Radiation Dosimetry of <sup>18</sup> F-5-Fluoro-2-Deoxythymidine with Tetrahydrouridine in Solid Tumors. <i>Journal of Nuclear Medicine</i> , 2019, 60, 492-496.	2.8	7
3972	Gain-of-function DNMT3A mutations cause microcephalic dwarfism and hypermethylation of Polycomb-regulated regions. <i>Nature Genetics</i> , 2019, 51, 96-105.	9.4	110
3973	Epigenetics, DNA Organization, and Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 235-247.	0.9	46
3974	PreMedKB: an integrated precision medicine knowledgebase for interpreting relationships between diseases, genes, variants and drugs. <i>Nucleic Acids Research</i> , 2019, 47, D1090-D1101.	6.5	45
3975	Dopamine: Functions, Signaling, and Association with Neurological Diseases. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 31-59.	1.7	537
3976	Leveraging the genetic basis of Rett syndrome to ascertain pathophysiology. <i>Neurobiology of Learning and Memory</i> , 2019, 165, 106961.	1.0	5
3977	Targeting epigenetics and non-coding RNAs in atherosclerosis: from mechanisms to therapeutics. , 2019, 196, 15-43.		110
3978	VarSome: the human genomic variant search engine. <i>Bioinformatics</i> , 2019, 35, 1978-1980.	1.8	1,143
3979	<i>N</i> -Phthalyl-L-Tryptophan (RG108), like Clozapine (CLO), Induces Chromatin Remodeling in Brains of Prenatally Stressed Mice. <i>Molecular Pharmacology</i> , 2019, 95, 62-69.	1.0	20
3980	GABA <sub>B</sub> receptors modulate Ca <sup>2+</sup> but not G protein-gated inwardly rectifying K <sup>+</sup> channels in cerebrospinal fluid contacting neurones of mouse brainstem. <i>Journal of Physiology</i> , 2019, 597, 631-651.	1.3	10
3981	Lessons learned from two decades of BRCA1 and BRCA2 genetic testing: the evolution of data sharing and variant classification. <i>Genetics in Medicine</i> , 2019, 21, 1476-1480.	1.1	2
3982	Cortical interneuron function in autism spectrum condition. <i>Pediatric Research</i> , 2019, 85, 146-154.	1.1	32
3983	AGRP Neurons Project to the Medial Preoptic Area and Modulate Maternal Nest-Building. <i>Journal of Neuroscience</i> , 2019, 39, 456-471.	1.7	44
3984	Mecp2 Disruption in Rats Causes Reshaping in Firing Activity and Patterns of Brainstem Respiratory Neurons. <i>Neuroscience</i> , 2019, 397, 107-115.	1.1	8
3985	A comparative analysis of KMT2D missense variants in Kabuki syndrome, cancers and the general population. <i>Journal of Human Genetics</i> , 2019, 64, 161-170.	1.1	26
3986	Histone H3 lysine K4 methylation and its role in learning and memory. <i>Epigenetics and Chromatin</i> , 2019, 12, 7.	1.8	113
3987	Modulation of brain function by targeted delivery of GABA through the disrupted blood-brain barrier. <i>NeuroImage</i> , 2019, 189, 267-275.	2.1	31

#	ARTICLE	IF	CITATIONS
3988	Towards a better diagnosis and treatment of Rett syndrome: a model synaptic disorder. <i>Brain</i> , 2019, 142, 239-248.	3.7	82
3989	The $\gamma$ -5-Containing GABAA Receptors—a Brief Summary. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 343-351.	1.1	23
3990	Autism spectrum disorders: autistic phenotypes and complicated mechanisms. <i>World Journal of Pediatrics</i> , 2019, 15, 17-25.	0.8	12
3991	Cortical Dysmaturation in Congenital Heart Disease. <i>Trends in Neurosciences</i> , 2019, 42, 192-204.	4.2	28
3992	Pituitary adenylate cyclase-activating polypeptide: Postnatal development in multiple brain stem respiratory-related nuclei in the rat. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 149-155.	0.7	10
3993	Identification and Functional Characterization of a New Splicing Variant of EZH2 in the Central Nervous System. <i>International Journal of Biological Sciences</i> , 2019, 15, 69-80.	2.6	7
3994	Loss of ABAT-Mediated GABAergic System Promotes Basal-Like Breast Cancer Progression by Activating Ca <sup>2+</sup> -NFAT1 Axis. <i>Theranostics</i> , 2019, 9, 34-47.	4.6	64
3995	Enrichment of Genomic Pathways Based on Differential DNA Methylation Associated With Chronic Postsurgical Pain and Anxiety in Children: A Prospective, Pilot Study. <i>Journal of Pain</i> , 2019, 20, 771-785.	0.7	28
3996	GLIS Rearrangement is a Genomic Hallmark of Hyalinizing Trabecular Tumor of the Thyroid Gland. <i>Thyroid</i> , 2019, 29, 161-173.	2.4	69
3997	Effects of rapamycin on social interaction deficits and gene expression in mice exposed to valproic acid in utero. <i>Molecular Brain</i> , 2019, 12, 3.	1.3	44
3998	RCBTB1 Deletion Is Associated with Metastatic Outcome and Contributes to Docetaxel Resistance in Nontranslocation-Related Pleomorphic Sarcomas. <i>Cancers</i> , 2019, 11, 81.	1.7	3
3999	Polycomb complexes in normal and malignant hematopoiesis. <i>Journal of Cell Biology</i> , 2019, 218, 55-69.	2.3	52
4000	New approach for understanding genome variations in KEGG. <i>Nucleic Acids Research</i> , 2019, 47, D590-D595.	6.5	1,503
4001	Autism spectrum disorder: insights into convergent mechanisms from transcriptomics. <i>Nature Reviews Genetics</i> , 2019, 20, 51-63.	7.7	128
4002	GABAA Modulation of S100B Secretion in Acute Hippocampal Slices and Astrocyte Cultures. <i>Neurochemical Research</i> , 2019, 44, 301-311.	1.6	25
4003	Interneuronal NMDA receptors regulate long-term depression and motor learning in the cerebellum. <i>Journal of Physiology</i> , 2019, 597, 903-920.	1.3	31
4004	Genetic mutations in Ca <sup>2+</sup> signaling alter dendrite morphology and social approach in juvenile mice. <i>Genes, Brain and Behavior</i> , 2019, 18, e12526.	1.1	16
4005	Epigenetics in amyotrophic lateral sclerosis: a role for histone post-translational modifications in neurodegenerative disease. <i>Translational Research</i> , 2019, 204, 19-30.	2.2	71

#	ARTICLE	IF	CITATIONS
4006	Modulation of AMPA Receptor Gating by the Anticonvulsant Drug, Perampanel. ACS Medicinal Chemistry Letters, 2019, 10, 237-242.	1.3	18
4007	LncBook: a curated knowledgebase of human long non-coding RNAs. Nucleic Acids Research, 2019, 47, D128-D134.	6.5	177
4008	<scp>HIV</scp> gp120-induced neuroinflammation potentiates <scp>NMDA</scp> receptors to overcome basal suppression of inhibitory synapses by p38 <scp>MAPK</scp>. Journal of Neurochemistry, 2019, 148, 499-515.	2.1	21
4009	CRISPR-mediated activation of a promoter or enhancer rescues obesity caused by haploinsufficiency. Science, 2019, 363, .	6.0	230
4010	Emergence of Coordinated Activity in the Developing Entorhinal-Hippocampal Network. Cerebral Cortex, 2019, 29, 906-920.	1.6	45
4011	Brain Penetrable Histone Deacetylase 6 Inhibitor SW-100 Ameliorates Memory and Learning Impairments in a Mouse Model of Fragile X Syndrome. ACS Chemical Neuroscience, 2019, 10, 1679-1695.	1.7	50
4012	Dopamine tunes prefrontal outputs to orchestrate aversive processing. Brain Research, 2019, 1713, 16-31.	1.1	53
4013	Targeting epigenetic mechanisms in diabetic wound healing. Translational Research, 2019, 204, 39-50.	2.2	127
4014	Hippocampal deficits in neurodevelopmental disorders. Neurobiology of Learning and Memory, 2019, 165, 106945.	1.0	46
4015	<i>De novo</i> pattern discovery enables robust assessment of functional consequences of non-coding variants. Bioinformatics, 2019, 35, 1453-1460.	1.8	15
4016	Cognitive Function and Quality of Life in Vorinostat-Treated Patients after Matched Unrelated Donor Myeloablative Conditioning Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2019, 25, 343-353.	2.0	12
4017	Epigenetic cues modulating the generation of cell-type diversity in the cerebral cortex. Journal of Neurochemistry, 2019, 149, 12-26.	2.1	19
4018	Epigenetic regulation of motivated behaviors by histone deacetylase inhibitors. Neuroscience and Biobehavioral Reviews, 2019, 105, 305-317.	2.9	18
4019	Evolution of dietary preferences and the innate urge to heal: Drug discovery lessons from Ayurveda. Journal of Ayurveda and Integrative Medicine, 2019, 10, 222-226.	0.9	7
4020	Contemporary strategies for dissecting the neuronal basis of neurodevelopmental disorders. Neurobiology of Learning and Memory, 2019, 165, 106835.	1.0	5
4022	<i>DRD2</i> promoter methylation and measures of alcohol reward: functional activation of reward circuits and clinical severity. Addiction Biology, 2019, 24, 539-548.	1.4	23
4023	Neonatal Ethanol Disturbs the Normal Maturation of Parvalbumin Interneurons Surrounded by Subsets of Perineuronal Nets in the Cerebral Cortex: Partial Reversal by Lithium. Cerebral Cortex, 2019, 29, 1383-1397.	1.6	23
4024	Transgenerational epigenetic influences of paternal environmental exposures on brain function and predisposition to psychiatric disorders. Molecular Psychiatry, 2019, 24, 536-548.	4.1	89

#	ARTICLE	IF	CITATIONS
4025	The role of adult hippocampal neurogenesis in brain health and disease. <i>Molecular Psychiatry</i> , 2019, 24, 67-87.	4.1	416
4026	Out of thin air: Hyperventilation-triggered seizures. <i>Brain Research</i> , 2019, 1703, 41-52.	1.1	21
4027	The signaling role for chloride in the bidirectional communication between neurons and astrocytes. <i>Neuroscience Letters</i> , 2019, 689, 33-44.	1.0	49
4028	Germline Pathogenic Variants in 7636 Japanese Patients With Prostate Cancer and 12,366 Controls. <i>Journal of the National Cancer Institute</i> , 2020, 112, 369-376.	3.0	69
4029	Latexin regulation by HMGB2 is required for hematopoietic stem cell maintenance. <i>Haematologica</i> , 2020, 105, 573-584.	1.7	19
4030	NMDA receptor hypofunction for schizophrenia revisited: Perspectives from epigenetic mechanisms. <i>Schizophrenia Research</i> , 2020, 217, 60-70.	1.1	54
4031	Sex-specific impact of prenatal androgens on social brain default mode subsystems. <i>Molecular Psychiatry</i> , 2020, 25, 2175-2188.	4.1	33
4032	A pediatric perspective on genomics and prevention in the twenty-first century. <i>Pediatric Research</i> , 2020, 87, 338-344.	1.1	3
4033	The great escape: tumour cell plasticity in resistance to targeted therapy. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 39-56.	21.5	439
4034	Glutamate controls vessel-associated migration of GABA interneurons from the pial migratory route via NMDA receptors and endothelial protease activation. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1959-1986.	2.4	21
4035	Effects of Histone Deacetylase Inhibitors on the Development of Epilepsy and Psychiatric Comorbidity in WAG/Rij Rats. <i>Molecular Neurobiology</i> , 2020, 57, 408-421.	1.9	53
4036	Tuning GABAergic Inhibition: Gephyrin Molecular Organization and Functions. <i>Neuroscience</i> , 2020, 439, 125-136.	1.1	37
4037	Neuronal Trans-differentiation by Transcription Factors <i>Ascl1</i> and <i>Nurr1</i> : Induction of a Dopaminergic Neurotransmitter Phenotype in Cortical GABAergic Neurons. <i>Molecular Neurobiology</i> , 2020, 57, 249-260.	1.9	11
4038	Interneuron Types as Attractors and Controllers. <i>Annual Review of Neuroscience</i> , 2020, 43, 1-30.	5.0	127
4039	EZH2 inhibitors abrogate upregulation of trimethylation of H3K27 by CDK9 inhibitors and potentiate its activity against diffuse large B-cell lymphoma. <i>Haematologica</i> , 2020, 105, 1021-1031.	1.7	6
4040	Nitric oxide signalling in the brain and its control of bodily functions. <i>British Journal of Pharmacology</i> , 2020, 177, 5437-5458.	2.7	48
4041	Foetal oestrogens and autism. <i>Molecular Psychiatry</i> , 2020, 25, 2970-2978.	4.1	132
4042	NEXMIF/KIDLIA Knock-out Mouse Demonstrates Autism-Like Behaviors, Memory Deficits, and Impairments in Synapse Formation and Function. <i>Journal of Neuroscience</i> , 2020, 40, 237-254.	1.7	33

#	ARTICLE	IF	CITATIONS
4043	ALK4 coordinates extracellular and intrinsic signals to regulate development of cortical somatostatin interneurons. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	6
4044	Further delineation of neuropsychiatric findings in Tatton-Brown-Rahman syndrome due to disease-causing variants in DNMT3A: seven new patients. <i>European Journal of Human Genetics</i> , 2020, 28, 469-479.	1.4	16
4045	EZH2 Supports Osteoclast Differentiation and Bone Resorption Via Epigenetic and Cytoplasmic Targets. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 181-195.	3.1	26
4046	Autism spectrum disorder: definition, epidemiology, causes, and clinical evaluation. <i>Translational Pediatrics</i> , 2020, 9, S55-S65.	0.5	318
4047	Fragile X syndrome and associated disorders: Clinical aspects and pathology. <i>Neurobiology of Disease</i> , 2020, 136, 104740.	2.1	80
4048	Utility of histone H3K27me3 and H4K20me as diagnostic indicators of melanoma. <i>Melanoma Research</i> , 2020, 30, 159-165.	0.6	6
4049	Genetic Burden Contributing to Extremely Low or High Bone Mineral Density in a Senior Male Population From the Osteoporotic Fractures in Men Study (MrOS). <i>JBMR Plus</i> , 2020, 4, e10335.	1.3	1
4050	Extra-mitochondrial citrate synthase initiates calcium oscillation and suppresses age-dependent sperm dysfunction. <i>Laboratory Investigation</i> , 2020, 100, 583-595.	1.7	21
4051	Vildagliptin Attenuates Huntington's Disease through Activation of GLP-1 Receptor/PI3K/Akt/BDNF Pathway in 3-Nitropropionic Acid Rat Model. <i>Neurotherapeutics</i> , 2020, 17, 252-268.	2.1	66
4052	Neurobiology of BDNF in fear memory, sensitivity to stress, and stress-related disorders. <i>Molecular Psychiatry</i> , 2020, 25, 2251-2274.	4.1	232
4053	Yes-associated protein (YAP) and transcriptional coactivator with a PDZ-binding motif (TAZ): a nexus between hypoxia and cancer. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 947-960.	5.7	29
4054	Epigenetic mechanisms in schizophrenia and other psychotic disorders: a systematic review of empirical human findings. <i>Molecular Psychiatry</i> , 2020, 25, 1718-1748.	4.1	97
4055	Clinical phenotype of a Chinese patient with RIPK1 deficiency due to novel mutation. <i>Genes and Diseases</i> , 2020, 7, 122-127.	1.5	14
4056	GABA-A receptor modulating steroids in acute and chronic stress; relevance for cognition and dementia?. <i>Neurobiology of Stress</i> , 2020, 12, 100206.	1.9	11
4057	Realising the therapeutic potential of neuroactive steroid modulators of the GABAA receptor. <i>Neurobiology of Stress</i> , 2020, 12, 100207.	1.9	39
4058	Spontaneous Ultraslow Na <sup>+</sup> Fluctuations in the Neonatal Mouse Brain. <i>Cells</i> , 2020, 9, 102.	1.8	9
4059	Daily Oscillation of the Excitation-Inhibition Balance in Visual Cortical Circuits. <i>Neuron</i> , 2020, 105, 621-629.e4.	3.8	94
4060	Therapeutically targeting head and neck squamous cell carcinoma through synergistic inhibition of LSD1 and JMJD3 by TCP and GSK-J1. <i>British Journal of Cancer</i> , 2020, 122, 528-538.	2.9	26

#	ARTICLE	IF	CITATIONS
4061	Image-Based Marker-Free Screening of GABAA Agonists, Antagonists, and Modulators. <i>SLAS Discovery</i> , 2020, 25, 458-470.	1.4	4
4062	A lncRNA coordinates with Ezh2 to inhibit HIF-1 $\alpha$ transcription and suppress cancer cell adaption to hypoxia. <i>Oncogene</i> , 2020, 39, 1860-1874.	2.6	35
4063	Evodiamine-inspired dual inhibitors of histone deacetylase 1 (HDAC1) and topoisomerase 2 (TOP2) with potent antitumor activity. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1294-1308.	5.7	38
4064	Identification of pathogenic variant enriched regions across genes and gene families. <i>Genome Research</i> , 2020, 30, 62-71.	2.4	47
4065	Dietary Fatty Acids and Microbiota-Brain Communication in Neuropsychiatric Diseases. <i>Biomolecules</i> , 2020, 10, 12.	1.8	28
4066	Spitz melanoma is a distinct subset of spitzoid melanoma. <i>Modern Pathology</i> , 2020, 33, 1122-1134.	2.9	67
4067	Molecular subgrouping of atypical teratoid/rhabdoid tumors—a reinvestigation and current consensus. <i>Neuro-Oncology</i> , 2020, 22, 613-624.	0.6	133
4068	Postnatal Role of the Cytoskeleton in Adult Epileptogenesis. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa024.	0.7	4
4069	Role of Wnt Signaling in Adult Hippocampal Neurogenesis in Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 860.	1.8	80
4070	Early Life Stress Induced DNA Methylation of Monoamine Oxidases Leads to Depressive-Like Behavior. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 582247.	1.8	19
4071	Reelin Supplementation Into the Hippocampus Rescues Abnormal Behavior in a Mouse Model of Neurodevelopmental Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 285.	1.8	24
4072	Beyond the Hippocampus and the SVZ: Adult Neurogenesis Throughout the Brain. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 576444.	1.8	114
4073	Effects of Oral Gamma-Aminobutyric Acid (GABA) Administration on Stress and Sleep in Humans: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2020, 14, 923.	1.4	96
4074	Dystroglycan Mediates Clustering of Essential GABAergic Components in Cerebellar Purkinje Cells. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 164.	1.4	19
4075	Vitamin C Attenuates Oxidative Stress and Behavioral Abnormalities Triggered by Fipronil and Pyriproxyfen Insecticide Chronic Exposure on Zebrafish Juvenile. <i>Antioxidants</i> , 2020, 9, 944.	2.2	17
4076	Effect of Germline Mutations in Homologous Recombination Repair Genes on Overall Survival of Patients with Pancreatic Adenocarcinoma. <i>Clinical Cancer Research</i> , 2020, 26, 6505-6512.	3.2	24
4077	Identification of RNA Transcript Makers Associated With Prognosis of Kidney Renal Clear Cell Carcinoma by a Competing Endogenous RNA Network Analysis. <i>Frontiers in Genetics</i> , 2020, 11, 540094.	1.1	18
4078	Preclinical and Clinical Epigenetic-Based Reconsideration of Beckwith-Wiedemann Syndrome. <i>Frontiers in Genetics</i> , 2020, 11, 563718.	1.1	9

#	ARTICLE	IF	CITATIONS
4079	Epigenetic Changes and Its Intervention in Age-Related Neurodegenerative Diseases. Cellular and Molecular Neurobiology, 2022, 42, 577-595.	1.7	30
4080	Base editing: advances and therapeutic opportunities. Nature Reviews Drug Discovery, 2020, 19, 839-859.	21.5	218
4081	Cancer-Associated Fibroblasts: Epigenetic Regulation and Therapeutic Intervention in Breast Cancer. Cancers, 2020, 12, 2949.	1.7	32
4082	An integrated multi-omics approach identifies epigenetic alterations associated with Alzheimer's disease. Nature Genetics, 2020, 52, 1024-1035.	9.4	191
4083	Environmental regulation of the chloride transporter KCC2: switching inflammation off to switch the GABA on?. Translational Psychiatry, 2020, 10, 349.	2.4	30
4084	Comprehensive Analysis of RNA-Seq Gene Expression Profiling of Brain Transcriptomes Reveals Novel Genes, Regulators, and Pathways in Autism Spectrum Disorder. Brain Sciences, 2020, 10, 747.	1.1	45
4085	Transcriptional regulation of MGE progenitor proliferation by PRDM16 controls cortical GABAergic interneuron production. Development (Cambridge), 2020, 147, .	1.2	7
4086	&lt;p&gt;MiR-101-3p and Syn-Cal14.1a Synergy in Suppressing EZH2-Induced Progression of Breast Cancer&lt;/p&gt;. OncoTargets and Therapy, 2020, Volume 13, 9599-9609.	1.0	13
4087	Cell Calcium Imaging as a Reliable Method to Study Neuron's Glial Circuits. Frontiers in Neuroscience, 2020, 14, 569361.	1.4	29
4088	Neonatal Tactile Stimulation Alters Behaviors in Heterozygous Serotonin Transporter Male Rats: Role of the Amygdala. Frontiers in Behavioral Neuroscience, 2020, 14, 142.	1.0	4
4089	Illuminating and Sniffing Out the Neuromodulatory Roles of Dopamine in the Retina and Olfactory Bulb. Frontiers in Cellular Neuroscience, 2020, 14, 275.	1.8	11
4090	MethHaplo: combining allele-specific DNA methylation and SNPs for haplotype region identification. BMC Bioinformatics, 2020, 21, 451.	1.2	5
4091	DNA Methylation-Dependent Dysregulation of GABAergic Interneuron Functionality in Neuropsychiatric Diseases. Frontiers in Neuroscience, 2020, 14, 586133.	1.4	6
4092	Epigenetic influence of environmentally neurotoxic metals. NeuroToxicology, 2020, 81, 51-65.	1.4	44
4093	Local and Interregional Neurochemical Associations Measured by Magnetic Resonance Spectroscopy for Studying Brain Functions and Psychiatric Disorders. Frontiers in Psychiatry, 2020, 11, 802.	1.3	5
4094	Modulating gene regulation to treat genetic disorders. Nature Reviews Drug Discovery, 2020, 19, 757-775.	21.5	41
4095	The case for open science: rare diseases. JAMIA Open, 2020, 3, 472-486.	1.0	33
4096	Optogenetic manipulation of an ascending arousal system tunes cortical broadband gamma power and reveals functional deficits relevant to schizophrenia. Molecular Psychiatry, 2021, 26, 3461-3475.	4.1	26

#	ARTICLE	IF	CITATIONS
4097	SLC12A2 variants cause a neurodevelopmental disorder or cochleovestibular defect. <i>Brain</i> , 2020, 143, 2380-2387.	3.7	34
4098	Cortical Gray Matter Injury in Encephalopathy of Prematurity: Link to Neurodevelopmental Disorders. <i>Frontiers in Neurology</i> , 2020, 11, 575.	1.1	31
4099	Single C-to-T substitution using engineered APOBEC3G-nCas9 base editors with minimum genome- and transcriptome-wide off-target effects. <i>Science Advances</i> , 2020, 6, eaba1773.	4.7	55
4100	Brain Opioid Activity and Oxidative Injury: Different Molecular Scenarios Connecting Celiac Disease and Autistic Spectrum Disorder. <i>Brain Sciences</i> , 2020, 10, 437.	1.1	7
4101	Chronic HIV-1 Tat exposure alters anterior cingulate cortico-basal ganglia-thalamocortical synaptic circuitry, associated behavioral control, and immune regulation in male mice. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2020, 5, 100077.	1.3	20
4102	Bioinformatics approaches for deciphering the epitranscriptome: Recent progress and emerging topics. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1587-1604.	1.9	38
4103	In vivo human brain expression of histone deacetylases in bipolar disorder. <i>Translational Psychiatry</i> , 2020, 10, 224.	2.4	17
4104	Regional transcriptome analysis of AMPA and GABAA receptor subunit expression generates E/I signatures of the human brain. <i>Scientific Reports</i> , 2020, 10, 11352.	1.6	6
4105	Aging mechanisms—A perspective mostly from <i>Drosophila</i> . <i>Genetics &amp; Genomics Next</i> , 2020, 1, e10026.	0.8	11
4106	Histone Lysine Demethylase JMJD2D/KDM4D and Family Members Mediate Effects of Chronic Social Defeat Stress on Mouse Hippocampal Neurogenesis and Mood Disorders. <i>Brain Sciences</i> , 2020, 10, 833.	1.1	8
4107	Proteasome interaction with ubiquitinated substrates: from mechanisms to therapies. <i>FEBS Journal</i> , 2021, 288, 5231-5251.	2.2	40
4108	Exome Sequencing of Native Populations From the Amazon Reveals Patterns on the Peopling of South America. <i>Frontiers in Genetics</i> , 2020, 11, 548507.	1.1	10
4109	Prognostic Value of EZH2 in Non-Small-Cell Lung Cancers: A Meta-Analysis and Bioinformatics Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	8
4110	Identification of Caffeic Acid Phenethyl Ester (CAPE) as a Potent Neurodifferentiating Natural Compound That Improves Cognitive and Physiological Functions in Animal Models of Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 561925.	1.7	10
4111	Folate-Dependent Cognitive Impairment Associated With Specific Gene Networks in the Adult Mouse Hippocampus. <i>Frontiers in Nutrition</i> , 2020, 7, 574730.	1.6	6
4112	The Roles of Base Modifications in Kidney Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 580018.	1.3	2
4113	Regulation of $\hat{1}^3$ -Aminobutyrate (GABA) Utilization in <i>Corynebacterium glutamicum</i> by the PucR-Type Transcriptional Regulator GabR and by Alternative Nitrogen and Carbon Sources. <i>Frontiers in Microbiology</i> , 2020, 11, 544045.	1.5	10
4114	An Initial Survey of the Performances of Exome Variant Analysis and Clinical Reporting Among Diagnostic Laboratories in China. <i>Frontiers in Genetics</i> , 2020, 11, 582637.	1.1	2

#	ARTICLE	IF	CITATIONS
4115	The Genetic Programs Specifying Kolmerâ€™Agduhr Interneurons. <i>Frontiers in Neuroscience</i> , 2020, 14, 577879.	1.4	11
4116	Role of Altered Expression, Activity and Sub-cellular Distribution of Various Histone Deacetylases (HDACs) in Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1049-1064.	1.7	13
4117	Identification of hsa-miR-1275 as a Novel Biomarker Targeting MECP2 for Human Epilepsy of Unknown Etiology. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 398-410.	1.8	5
4118	Histone H3.3 beyond cancer: Germline mutations in <i>Histone 3 Family 3A and 3B</i> cause a previously unidentified neurodegenerative disorder in 46 patients. <i>Science Advances</i> , 2020, 6, .	4.7	43
4119	The influence of sex, genotype, and dose on serum and hippocampal cytokine levels in juvenile mice developmentally exposed to a human-relevant mixture of polychlorinated biphenyls. <i>Current Research in Toxicology</i> , 2020, 1, 85-103.	1.3	12
4120	Next Generation Sequencing and Bioinformatics Analysis of Family Genetic Inheritance. <i>Frontiers in Genetics</i> , 2020, 11, 544162.	1.1	41
4121	Effects of (+)-bicuculline, a GABA <sub>A</sub> receptor antagonist, on auditory steady state response in free-moving rats. <i>PLoS ONE</i> , 2020, 15, e0236363.	1.1	7
4122	Synaptic control of DNA methylation involves activity-dependent degradation of DNMT3A1 in the nucleus. <i>Neuropsychopharmacology</i> , 2020, 45, 2120-2130.	2.8	17
4123	Zika Virus Infection Leads to Variable Defects in Multiple Neurological Functions and Behaviors in Mice and Children. <i>Advanced Science</i> , 2020, 7, 1901996.	5.6	8
4124	Lasting and Sex-Dependent Impact of Maternal Immune Activation on Molecular Pathways of the Amygdala. <i>Frontiers in Neuroscience</i> , 2020, 14, 774.	1.4	25
4125	DNA Methyltransferase 1 (DNMT1) Function Is Implicated in the Age-Related Loss of Cortical Interneurons. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 639.	1.8	17
4126	OEsoophageal Ion Transport Mechanisms and Significance Under Pathological Conditions. <i>Frontiers in Physiology</i> , 2020, 11, 855.	1.3	5
4127	Dysregulation of Midbrain Dopamine System and the Pathophysiology of Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 613.	1.3	70
4128	A GABA Interneuron Deficit Model of the Art of Vincent van Gogh. <i>Frontiers in Psychiatry</i> , 2020, 11, 685.	1.3	3
4129	Potential Involvement of Adiponectin Signaling in Regulating Physical Exercise-Elicited Hippocampal Neurogenesis and Dendritic Morphology in Stressed Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 189.	1.8	13
4130	Neuroigin 2 regulates absence seizures and behavioral arrests through GABAergic transmission within the thalamocortical circuitry. <i>Nature Communications</i> , 2020, 11, 3744.	5.8	18
4131	Deregulation of Polycomb Repressive Complex-2 in Mantle Cell Lymphoma Confers Growth Advantage by Epigenetic Suppression of <i>cdkn2b</i> . <i>Frontiers in Oncology</i> , 2020, 10, 1226.	1.3	7
4132	TRP Channels Role in Pain Associated With Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2020, 14, 782.	1.4	46

#	ARTICLE	IF	CITATIONS
4133	Endogenous Retrovirus-Derived lncRNA BANCR Promotes Cardiomyocyte Migration in Humans and Non-human Primates. <i>Developmental Cell</i> , 2020, 54, 694-709.e9.	3.1	37
4134	Diversity and function of corticopetal and corticofugal GABAergic projection neurons. <i>Nature Reviews Neuroscience</i> , 2020, 21, 499-515.	4.9	55
4135	Rescue of oxytocin response and social behaviour in a mouse model of autism. <i>Nature</i> , 2020, 584, 252-256.	13.7	92
4136	Non-invasive stimulation of the social brain: the methodological challenges. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 15-25.	1.5	12
4137	Transcranial magnetic stimulation as a tool to understand genetic conditions associated with epilepsy. <i>Epilepsia</i> , 2020, 61, 1818-1839.	2.6	9
4138	Reelin depletion protects against autoimmune encephalomyelitis by decreasing vascular adhesion of leukocytes. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	14
4139	Novel FANCA mutation in the first fully-diagnosed patient with Fanconi anemia in Polish population – case report. <i>Molecular Cytogenetics</i> , 2020, 13, 33.	0.4	0
4140	Brain organoids for the study of human neurobiology at the interface of in vitro and in vivo. <i>Nature Neuroscience</i> , 2020, 23, 1496-1508.	7.1	171
4141	GABA and glutamate deficits from frontotemporal lobar degeneration are associated with disinhibition. <i>Brain</i> , 2020, 143, 3449-3462.	3.7	55
4142	Physiological Processes Modulated by the Chloride-Sensitive WNK-SPAK/OSR1 Kinase Signaling Pathway and the Cation-Coupled Chloride Cotransporters. <i>Frontiers in Physiology</i> , 2020, 11, 585907.	1.3	30
4143	How Do Electric Fields Coordinate Neuronal Migration and Maturation in the Developing Cortex?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580657.	1.8	12
4144	Early Life Stress- and Drug-Induced Histone Modifications Within the Ventral Tegmental Area. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 588476.	1.8	16
4145	Combined EZH2 and Bcl-2 inhibitors as precision therapy for genetically defined DLBCL subtypes. <i>Blood Advances</i> , 2020, 4, 5226-5231.	2.5	28
4146	The Role of Kv7.2 in Neurodevelopment: Insights and Gaps in Our Understanding. <i>Frontiers in Physiology</i> , 2020, 11, 570588.	1.3	35
4147	A novel strategy for molecular interfaces optimization: The case of Ferritin-Transferrin receptor interaction. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2678-2686.	1.9	7
4148	Gene panel screening for insight towards breast cancer susceptibility in different ethnicities. <i>PLoS ONE</i> , 2020, 15, e0238295.	1.1	7
4149	miR-409 and miR-411 Modulation in the Adult Brain of a Rat Model of Depression and After Fluoxetine Treatment. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 136.	1.0	7
4150	Neuroligins and Neurodevelopmental Disorders: X-Linked Genetics. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 33.	1.3	33

#	ARTICLE	IF	CITATIONS
4151	Collaborative, Multidisciplinary Evaluation of Cancer Variants Through Virtual Molecular Tumor Boards Informs Local Clinical Practices. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 602-613.	1.0	26
4152	An altered glial phenotype in the NL3R451C mouse model of autism. <i>Scientific Reports</i> , 2020, 10, 14492.	1.6	17
4153	Challenges and Prospects of New Plant Breeding Techniques for GABA Improvement in Crops: Tomato as an Example. <i>Frontiers in Plant Science</i> , 2020, 11, 577980.	1.7	34
4154	Identification of Missense ADGRV1 Mutation as a Candidate Genetic Cause of Familial Febrile Seizure 4. <i>Children</i> , 2020, 7, 144.	0.6	10
4155	Polychlorinated Biphenyls (PCBs): Risk Factors for Autism Spectrum Disorder?. <i>Toxics</i> , 2020, 8, 70.	1.6	38
4156	Homogeneous Intrinsic Neuronal Excitability Induces Overfitting to Sensory Noise: A Robot Model of Neurodevelopmental Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 762.	1.3	26
4157	Shifting Developmental Trajectories During Critical Periods of Brain Formation. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 283.	1.8	63
4158	Expression and Function of GABA Receptors in Myelinating Cells. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 256.	1.8	31
4159	New Directions in Pulmonary Gene Therapy. <i>Human Gene Therapy</i> , 2020, 31, 921-939.	1.4	10
4160	Adeno-Associated Virus Mediated Gene Therapy for Corneal Diseases. <i>Pharmaceutics</i> , 2020, 12, 767.	2.0	23
4161	Olfactory Malformations in Mendelian Disorders of the Epigenetic Machinery. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 710.	1.8	2
4162	GABAB Receptors: Anxiety and Mood Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2020, , 1.	0.8	13
4163	Alleviation of Depression by Glucagon-Like Peptide 1 Through the Regulation of Neuroinflammation, Neurotransmitters, Neurogenesis, and Synaptic Function. <i>Frontiers in Pharmacology</i> , 2020, 11, 1270.	1.6	43
4164	Epigenetic Mechanisms in Irritable Bowel Syndrome. <i>Frontiers in Psychiatry</i> , 2020, 11, 805.	1.3	23
4165	Evidence that EZH2 Deregulation is an Actionable Therapeutic Target for Prevention of Prostate Cancer. <i>Cancer Prevention Research</i> , 2020, 13, 979-988.	0.7	3
4166	Analyzing the Potential Biological Determinants of Autism Spectrum Disorder: From Neuroinflammation to the Kynurenine Pathway. <i>Brain Sciences</i> , 2020, 10, 631.	1.1	28
4167	EZH2 reduction is an essential mechanoresponse for the maintenance of super-enhancer polarization against compressive stress in human periodontal ligament stem cells. <i>Cell Death and Disease</i> , 2020, 11, 757.	2.7	9
4168	Decreased reproducibility and abnormal experience-dependent plasticity of network dynamics in Fragile X circuits. <i>Scientific Reports</i> , 2020, 10, 14535.	1.6	9

#	ARTICLE	IF	CITATIONS
4169	Maternal Immune Activation Affects Hippocampal Excitatory and Inhibitory Synaptic Transmission in Offspring From an Early Developmental Period to Adulthood. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 241.	1.8	10
4170	Combination Treatment with GSK126 and Pomalidomide Induces B-Cell Differentiation in EZH2 Gain-of-Function Mutant Diffuse Large B-Cell Lymphoma. <i>Cancers</i> , 2020, 12, 2541.	1.7	6
4171	DNA Methylation Manipulation of Memory Genes Is Involved in Sevoflurane Induced Cognitive Impairments in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 211.	1.7	13
4172	Mechanisms and Regulation of Neuronal GABAB Receptor-Dependent Signaling. <i>Current Topics in Behavioral Neurosciences</i> , 2020, , 39-79.	0.8	11
4173	Epigenetic Mechanisms Underlying Pathobiology of Alcohol Use Disorder. <i>Current Pathobiology Reports</i> , 2020, 8, 61-73.	1.6	3
4174	Cannabinoids for People with ASD: A Systematic Review of Published and Ongoing Studies. <i>Brain Sciences</i> , 2020, 10, 572.	1.1	35
4175	AICAR Stimulates the Pluripotency Transcriptional Complex in Embryonic Stem Cells Mediated by PI3K, GSK3 $\beta$ , and $\beta$ -Catenin. <i>ACS Omega</i> , 2020, 5, 20270-20282.	1.6	3
4176	GABA Measurement in a Neonatal Fragile X Syndrome Mouse Model Using 1H-Magnetic Resonance Spectroscopy and Mass Spectrometry. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 612685.	1.4	3
4177	Potential biomarkers of emotional stress induced neurodegeneration. <i>ENeurologicalSci</i> , 2020, 21, 100292.	0.5	5
4178	Overview of schizophrenia research and treatment in Pakistan. <i>Heliyon</i> , 2020, 6, e05545.	1.4	8
4179	MIR143 Inhibits Steroidogenesis and Induces Apoptosis Repressed by H3K27me3 in Granulosa Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 565261.	1.8	7
4180	Functional Genomics in Pancreatic $\beta$ Cells: Recent Advances in Gene Deletion and Genome Editing Technologies for Diabetes Research. <i>Frontiers in Endocrinology</i> , 2020, 11, 576632.	1.5	13
4181	Linking Pharmacogenomic Information on Drug Safety and Efficacy with Ethnic Minority Populations. <i>Pharmaceutics</i> , 2020, 12, 1021.	2.0	3
4182	The mammalian circadian pacemaker regulates wakefulness via CRF neurons in the paraventricular nucleus of the hypothalamus. <i>Science Advances</i> , 2020, 6, .	4.7	51
4183	GABAA receptor $\beta$ 3 subunit mutation D120N causes Lennox-Gastaut syndrome in knock-in mice. <i>Brain Communications</i> , 2020, 2, fcaa028.	1.5	11
4184	Human antigen R-regulated mRNA metabolism promotes the cell motility of migrating neurons. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	8
4185	ATP and spontaneous calcium oscillations control neural stem cell fate determination in Huntington's disease: a novel approach for cell clock research. <i>Molecular Psychiatry</i> , 2021, 26, 2633-2650.	4.1	24
4186	Characterization of SETD1A haploinsufficiency in humans and <i>Drosophila</i> defines a novel neurodevelopmental syndrome. <i>Molecular Psychiatry</i> , 2021, 26, 2013-2024.	4.1	43

#	ARTICLE	IF	CITATIONS
4187	Tonic GABA <sub>A</sub> Conductance Favors Spike-Timing-Dependent over Theta-Burst-Induced Long-Term Potentiation in the Hippocampus. <i>Journal of Neuroscience</i> , 2020, 40, 4266-4276.	1.7	12
4188	miR-489-3p Inhibits Prostate Cancer Progression by Targeting DLX1. <i>Cancer Management and Research</i> , 2020, Volume 12, 2719-2729.	0.9	9
4189	Staurosporine and NEM mainly impair WNK-SPAK/OSR1 mediated phosphorylation of KCC2 and NKCC1. <i>PLoS ONE</i> , 2020, 15, e0232967.	1.1	14
4190	The Medial Prefrontal Cortex as a Central Hub for Mental Comorbidities Associated with Chronic Pain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3440.	1.8	81
4191	Contribution of Germline Predisposition Gene Mutations to Breast Cancer Risk in African American Women. <i>Journal of the National Cancer Institute</i> , 2020, 112, 1213-1221.	3.0	51
4192	A Novel LINS1 Truncating Mutation in Autosomal Recessive Nonsyndromic Intellectual Disability. <i>Frontiers in Psychiatry</i> , 2020, 11, 354.	1.3	2
4193	Sonic Hedgehog Signaling Agonist (SAG) Triggers BDNF Secretion and Promotes the Maturation of GABAergic Networks in the Postnatal Rat Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 98.	1.8	15
4194	Loss of non-canonical KCC 2 functions promotes developmental apoptosis of cortical projection neurons. <i>EMBO Reports</i> , 2020, 21, e48880.	2.0	15
4195	Morphologic and genetic heterogeneity in breast fibroepithelial lesions—a comprehensive mapping study. <i>Modern Pathology</i> , 2020, 33, 1732-1745.	2.9	13
4196	MECP2 mutations affect ciliogenesis: a novel perspective for Rett syndrome and related disorders. <i>EMBO Molecular Medicine</i> , 2020, 12, e10270.	3.3	23
4197	Dysregulated Prefrontal Cortex Inhibition in Prepubescent and Adolescent Fragile X Mouse Model. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 88.	1.4	16
4198	Common homozygosity for predicted loss-of-function variants reveals both redundant and advantageous effects of dispensable human genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13626-13636.	3.3	18
4199	9-Tetrahydrocannabinol treatment during adolescence and alterations in the inhibitory networks of the adult prefrontal cortex in mice subjected to perinatal NMDA receptor antagonist injection and to postweaning social isolation. <i>Translational Psychiatry</i> , 2020, 10, 177.	2.4	14
4200	Altered Caecal Neuroimmune Interactions in the Neuroligin-3R451C Mouse Model of Autism. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 85.	1.8	16
4201	Distinct Synchronous Network Activity During the Second Postnatal Week of Medial Entorhinal Cortex Development. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 91.	1.8	3
4202	The Role of the Histone Methyltransferase EZH2 in Liver Inflammation and Fibrosis in STAM NASH Mice. <i>Biology</i> , 2020, 9, 93.	1.3	13
4203	Corticostriatal dysfunction and social interaction deficits in mice lacking the cystine/glutamate antiporter. <i>Molecular Psychiatry</i> , 2020, 26, 4754-4769.	4.1	27
4204	Emerging functional connectivity differences in newborn infants vulnerable to autism spectrum disorders. <i>Translational Psychiatry</i> , 2020, 10, 131.	2.4	31

#	ARTICLE	IF	CITATIONS
4205	Auxiliary $\alpha_1$ and $\alpha_3$ Subunits of Calcium Channels Drive Excitatory and Inhibitory Neuronal Network Development. <i>Journal of Neuroscience</i> , 2020, 40, 4824-4841.	1.7	23
4206	Neuronal ceroid lipofuscinosis in the Russian population: Two novel mutations and the prevalence of heterozygous carriers. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1228.	0.6	9
4207	Role of dietary gamma-aminobutyric acid in broiler chickens raised under high stocking density. <i>Animal Nutrition</i> , 2020, 6, 293-304.	2.1	22
4208	Using Chemical Epigenetics to Target Cancer. <i>Molecular Cell</i> , 2020, 78, 1086-1095.	4.5	40
4209	Molecular patterns in salivary duct carcinoma identify prognostic subgroups. <i>Modern Pathology</i> , 2020, 33, 1896-1909.	2.9	14
4210	Neurotransmitters as Modulators of Neural Progenitor Cell Proliferation During Mammalian Neocortex Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 391.	1.8	23
4211	Clinical and experimental insight into pathophysiology, comorbidity and therapy of absence seizures. <i>Brain</i> , 2020, 143, 2341-2368.	3.7	118
4212	ICAM5 as a Novel Target for Treating Cognitive Impairment in Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2020, 40, 1355-1365.	1.7	9
4213	Lysyl oxidase expression is regulated by the H3K27 demethylase Jmjd3 in tumor-associated M2-like macrophages. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020, 66, 110-115.	0.6	7
4214	Blocking immunosuppressive neutrophils deters pY696-EZH2-driven brain metastases. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	64
4215	The Influence of Physical Activity and Epigenomics On Cognitive Function and Brain Health in Breast Cancer. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 123.	1.7	8
4216	GABAergic interneurons excite neonatal hippocampus in vivo. <i>Science Advances</i> , 2020, 6, eaba1430.	4.7	75
4217	Neuregulins 1, 2, and 3 Promote Early Neurite Outgrowth in ErbB4-Expressing Cortical GABAergic Interneurons. <i>Molecular Neurobiology</i> , 2020, 57, 3568-3588.	1.9	7
4218	EEDi-5285: An Exceptionally Potent, Efficacious, and Orally Active Small-Molecule Inhibitor of Embryonic Ectoderm Development. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7252-7267.	2.9	22
4219	Juvenile Social Isolation Enhances the Activity of Inhibitory Neuronal Circuits in the Medial Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 105.	1.8	17
4220	Lipopolysaccharide-Induced Systemic Inflammation in the Neonatal Period Increases Microglial Density and Oxidative Stress in the Cerebellum of Adult Rats. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 142.	1.8	13
4221	Expression of dlx genes in the normal and regenerating brain of adult zebrafish. <i>PLoS ONE</i> , 2020, 15, e0229549.	1.1	3
4222	Developmental alterations in the transcriptome of three distinct rodent models of schizophrenia. <i>PLoS ONE</i> , 2020, 15, e0232200.	1.1	9

#	ARTICLE	IF	CITATIONS
4223	Neuronal Plasticity: Neuronal Organization is Associated with Neurological Disorders. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1684-1701.	1.1	11
4224	Critical period regulation across multiple timescales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23242-23251.	3.3	250
4225	Genetics of migraine aura: an update. <i>Journal of Headache and Pain</i> , 2020, 21, 64.	2.5	24
4226	Chronic Bumetanide Infusion Alters Young Neuron Morphology in the Dentate Gyrus Without Affecting Contextual Fear Memory. <i>Frontiers in Neuroscience</i> , 2020, 14, 514.	1.4	2
4227	Impact of HDAC Inhibitors on Protein Quality Control Systems: Consequences for Precision Medicine in Malignant Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 425.	1.8	28
4228	Clinical Implications of Epigenetic Dysregulation in Perinatal Hypoxic-Ischemic Brain Damage. <i>Frontiers in Neurology</i> , 2020, 11, 483.	1.1	23
4229	GABA Concentration in the Left Ventral Premotor Cortex Associates With Sensory Hyper-Responsiveness in Autism Spectrum Disorders Without Intellectual Disability. <i>Frontiers in Neuroscience</i> , 2020, 14, 482.	1.4	18
4230	Inferior Colliculus Transcriptome After Status Epilepticus in the Genetically Audiogenic Seizure-Prone Hamster GASH/Sal. <i>Frontiers in Neuroscience</i> , 2020, 14, 508.	1.4	9
4231	In vivo MRI Successfully Reveals the Malformation of Cortical Development in Infant Rats. <i>Frontiers in Neuroscience</i> , 2020, 14, 510.	1.4	5
4232	The Neurochemistry of Autism. <i>Brain Sciences</i> , 2020, 10, 163.	1.1	165
4233	Genetic Sequencing of Pediatric Patients Identifies Mutations in Monogenic Inflammatory Bowel Disease Genes that Translate to Distinct Clinical Phenotypes. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00129.	1.3	21
4234	A Missense Mutation in the UGDH Gene Is Associated With Developmental Delay and Axial Hypotonia. <i>Frontiers in Pediatrics</i> , 2020, 8, 71.	0.9	15
4235	Structure of E3 ligase E6AP with a proteasome-binding site provided by substrate receptor hRpn10. <i>Nature Communications</i> , 2020, 11, 1291.	5.8	29
4236	Epigenetic aberrations in natural killer/T-cell lymphoma: diagnostic, prognostic and therapeutic implications. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883591990085.	1.4	7
4237	Variant effect predictions capture some aspects of deep mutational scanning experiments. <i>BMC Bioinformatics</i> , 2020, 21, 107.	1.2	26
4238	Causes and Consequences of Variable Tumor Cell Metabolism on Heritable Modifications and Tumor Evolution. <i>Frontiers in Oncology</i> , 2020, 10, 373.	1.3	5
4239	A harmonized meta-knowledgebase of clinical interpretations of somatic genomic variants in cancer. <i>Nature Genetics</i> , 2020, 52, 448-457.	9.4	104
4240	The role of the gut microbiome in opioid use. <i>Behavioural Pharmacology</i> , 2020, 31, 113-121.	0.8	38

#	ARTICLE	IF	CITATIONS
4241	The Beauty and the Dish: Brain Organoids Go Active. <i>Epilepsy Currents</i> , 2020, 20, 105-107.	0.4	0
4242	Inhibitory Plasticity: From Molecules to Computation and Beyond. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1805.	1.8	17
4243	Delayed correlations improve the reconstruction of the brain connectome. <i>PLoS ONE</i> , 2020, 15, e0228334.	1.1	8
4244	Maternal Experience-Dependent Cortical Plasticity in Mice Is Circuit- and Stimulus-Specific and Requires MECP2. <i>Journal of Neuroscience</i> , 2020, 40, 1514-1526.	1.7	29
4245	Modulation of Hippocampal Gamma Oscillations by Dopamine in Heterozygous Reeler Mice in vitro. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 586.	1.8	5
4246	GABAA Receptor $\hat{I}^2E155$ Residue Located at the Agonist-Binding Site Is Involved in the Receptor Gating. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 2.	1.8	12
4247	Immune Challenges and Seizures: How Do Early Life Insults Influence Epileptogenesis?. <i>Frontiers in Pharmacology</i> , 2020, 11, 2.	1.6	26
4248	mTOR-Related Cell-Clearing Systems in Epileptic Seizures, an Update. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1642.	1.8	23
4249	HMTase Inhibitors as a Potential Epigenetic-Based Therapeutic Approach for Friedreich's Ataxia. <i>Frontiers in Genetics</i> , 2020, 11, 584.	1.1	4
4250	From Neural Tube Formation Through the Differentiation of Spinal Cord Neurons: Ion Channels in Action During Neural Development. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 62.	1.4	11
4251	Diosgenin and GSK126 Produce Synergistic Effects on Epithelial-Mesenchymal Transition in Gastric Cancer Cells by Mediating EZH2 via the Rho/ROCK Signaling Pathway. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 5057-5067.	1.0	19
4252	Computational Modeling of Inhibitory Transsynaptic Signaling in Hippocampal and Cortical Neurons Expressing Intrabodies Against Gephyrin. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 173.	1.8	2
4253	GABAergic Inhibitory Interneuron Deficits in Alzheimer's Disease: Implications for Treatment. <i>Frontiers in Neuroscience</i> , 2020, 14, 660.	1.4	111
4254	Altered Glutaminase 1 Activity During Neurulation and Its Potential Implications in Neural Tube Defects. <i>Frontiers in Pharmacology</i> , 2020, 11, 900.	1.6	6
4255	Negative association between left prefrontal GABA concentration and BDNF serum concentration in young adults. <i>Heliyon</i> , 2020, 6, e04025.	1.4	2
4256	Results of targeted next-generation sequencing in children with cystic kidney diseases often change the clinical diagnosis. <i>PLoS ONE</i> , 2020, 15, e0235071.	1.1	12
4257	Expansion of the phenotypic spectrum of de novo missense variants in kinesin family member 1A ( ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	16
4258	A Rainbow Reporter Tracks Single Cells and Reveals Heterogeneous Cellular Dynamics among Pluripotent Stem Cells and Their Differentiated Derivatives. <i>Stem Cell Reports</i> , 2020, 15, 226-241.	2.3	16

#	ARTICLE	IF	CITATIONS
4259	Differential modulation of excitatory and inhibitory populations of superficial dorsal horn neurons in lumbar spinal cord by A $\beta$ <sup>2</sup> -fiber electrical stimulation. <i>Pain</i> , 2020, 161, 1650-1660.	2.0	14
4260	Regulation of Thyroid-disrupting Chemicals to Protect the Developing Brain. <i>Endocrinology</i> , 2020, 161, .	1.4	38
4261	Regional balance between glutamate+glutamine and GABA+ in the resting human brain. <i>NeuroImage</i> , 2020, 220, 117112.	2.1	36
4262	Alcohol and IL-6 Alter Expression of Synaptic Proteins in Cerebellum of Transgenic Mice with Increased Astrocyte Expression of IL-6. <i>Neuroscience</i> , 2020, 442, 124-137.	1.1	5
4263	Sequence-specific prediction of the efficiencies of adenine and cytosine base editors. <i>Nature Biotechnology</i> , 2020, 38, 1037-1043.	9.4	73
4264	The Promises and Challenges of Toxic-Epigenomics: Environmental Chemicals and Their Impacts on the Epigenome. <i>Environmental Health Perspectives</i> , 2020, 128, 15001.	2.8	47
4265	Nuclear receptor corepressors in intellectual disability and autism. <i>Molecular Psychiatry</i> , 2020, 25, 2220-2236.	4.1	15
4266	pCADD: SNV prioritisation in <i>Sus scrofa</i> . <i>Genetics Selection Evolution</i> , 2020, 52, 4.	1.2	21
4267	Mechanisms underlying auditory processing deficits in Fragile X syndrome. <i>FASEB Journal</i> , 2020, 34, 3501-3518.	0.2	41
4268	Reversal of synaptic and behavioral deficits in a 16p11.2 duplication mouse model via restoration of the GABA synapse regulator <i>Npas4</i> . <i>Molecular Psychiatry</i> , 2021, 26, 1967-1979.	4.1	33
4269	Low-Dose Perampanel Rescues Cortical Gamma Dysregulation Associated With Parvalbumin Interneuron <i>GluA2</i> Upregulation in Epileptic <i>Syngap1</i> <sup>+/-</sup> Mice. <i>Biological Psychiatry</i> , 2020, 87, 829-842.	0.7	34
4270	Rhapsody: predicting the pathogenicity of human missense variants. <i>Bioinformatics</i> , 2020, 36, 3084-3092.	1.8	63
4271	&lt;p&gt;Neuropathic Pain Causes Memory Deficits and Dendrite Tree Morphology Changes in Mouse Hippocampus&lt;/p&gt;. <i>Journal of Pain Research</i> , 2020, Volume 13, 345-354.	0.8	31
4272	The protective effects of microRNA-26a in steroid-induced osteonecrosis of the femoral head by repressing <i>EZH2</i> . <i>Cell Cycle</i> , 2020, 19, 551-566.	1.3	19
4273	ASCL1- and DLX2-induced GABAergic neurons from hiPSC-derived NPCs. <i>Journal of Neuroscience Methods</i> , 2020, 334, 108548.	1.3	30
4274	Histone Acetylation as a Regenerative Target in the Dentine-Pulp Complex. <i>Frontiers in Genetics</i> , 2020, 11, 1.	1.1	173
4275	Two Novel Loci of <i>RELN</i> Associated With Antipsychotics Response in Chinese Han Population. <i>Frontiers in Pharmacology</i> , 2020, 11, 7.	1.6	4
4276	The Role of Synaptic Cell Adhesion Molecules and Associated Scaffolding Proteins in Social Affiliative Behaviors. <i>Biological Psychiatry</i> , 2020, 88, 442-451.	0.7	27

#	ARTICLE	IF	CITATIONS
4277	Pathogenic and Uncertain Genetic Variants Have Clinical Cardiac Correlates in Diverse Biobank Participants. <i>Journal of the American Heart Association</i> , 2020, 9, e013808.	1.6	27
4278	PGsim: A Comprehensive and Highly Customizable Personal Genome Simulator. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 28.	2.0	3
4279	Intra-day variations of blood reelin levels in healthy individuals. <i>Archives of Medical Science</i> , 2020, 16, 118-123.	0.4	3
4280	Vigabatrin-Induced Retinal Functional Alterations and Second-Order Neuron Plasticity in C57BL/6j Mice. , 2020, 61, 17.		11
4281	Parvalbumin Interneuron Activation-Dependent Adult Hippocampal Neurogenesis Is Required for Treadmill Running to Reverse Schizophrenia-Like Phenotypes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 24.	1.8	13
4282	Insulin-Like Growth Factor-1 Down-Regulates the Phosphorylation of FXD1 and Rescues Behavioral Deficits in a Mouse Model of Rett Syndrome. <i>Frontiers in Neuroscience</i> , 2020, 14, 20.	1.4	15
4283	Characterization of neurogenic niches in the telencephalon of juvenile and adult sharks. <i>Brain Structure and Function</i> , 2020, 225, 817-839.	1.2	12
4284	Autism spectrum disorder. <i>Nature Reviews Disease Primers</i> , 2020, 6, 5.	18.1	746
4285	Newborn screening for Fabry disease in the western region of Japan. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 22, 100562.	0.4	32
4286	TGF- $\beta$ 2/Smad3 Signalling Modulates GABA Neurotransmission: Implications in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 590.	1.8	32
4287	De novo variants in the Helicase-C domain of CHD8 are associated with severe phenotypes including autism, language disability and overgrowth. <i>Human Genetics</i> , 2020, 139, 499-512.	1.8	32
4288	One in three highly selected Greek patients with breast cancer carries a loss-of-function variant in a cancer susceptibility gene. <i>Journal of Medical Genetics</i> , 2020, 57, 53-61.	1.5	27
4289	Role of NKCC1 and KCC2 in Epilepsy: From Expression to Function. <i>Frontiers in Neurology</i> , 2019, 10, 1407.	1.1	67
4290	Comprehensive Analysis of GABAA-A1R Developmental Alterations in Rett Syndrome: Setting the Focus for Therapeutic Targets in the Time Frame of the Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 518.	1.8	8
4291	The Density of Perineuronal Nets Increases With Age in the Inferior Colliculus in the Fischer Brown Norway Rat. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 27.	1.7	10
4292	Reelin Immunoreactivity in the Adult Spinal Cord: A Comparative Study in Rodents, Carnivores, and Non-human Primates. <i>Frontiers in Neuroanatomy</i> , 2020, 13, 102.	0.9	1
4293	â€œHelp is in the airâ€ volatiles from salt-stressed plants increase the reproductive success of receivers under salinity. <i>Planta</i> , 2020, 251, 48.	1.6	24
4294	High-Risk, High-Reward Genetics in ASD. <i>Neuron</i> , 2020, 105, 407-410.	3.8	3

#	ARTICLE	IF	CITATIONS
4295	Control of mesenchymal stem cell biology by histone modifications. <i>Cell and Bioscience</i> , 2020, 10, 11.	2.1	31
4296	TMB: a promising immune-response biomarker, and potential spearhead in advancing targeted therapy trials. <i>Cancer Gene Therapy</i> , 2020, 27, 841-853.	2.2	94
4297	Analysis of genes within the schizophrenia-linked 22q11.2 deletion identifies interaction of night owl/LZTR1 and NF1 in GABAergic sleep control. <i>PLoS Genetics</i> , 2020, 16, e1008727.	1.5	20
4298	Efficient generation of mouse models with the prime editing system. <i>Cell Discovery</i> , 2020, 6, 27.	3.1	146
4299	Dissecting the Epigenetic Changes Induced by Non-Antipsychotic Mood Stabilizers on Schizophrenia and Affective Disorders: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 467.	1.6	12
4300	Using an integrative machine learning approach utilising homology modelling to clinically interpret genetic variants: CACNA1F as an exemplar. <i>European Journal of Human Genetics</i> , 2020, 28, 1274-1282.	1.4	11
4301	Intellectual and Developmental Disabilities Research Centers: A Multidisciplinary Approach to Understand the Pathogenesis of Methyl-CpG Binding Protein 2-related Disorders. <i>Neuroscience</i> , 2020, 445, 190-206.	1.1	11
4302	Directed evolution of adenine base editors with increased activity and therapeutic application. <i>Nature Biotechnology</i> , 2020, 38, 892-900.	9.4	299
4303	Pan-cancer analysis of advanced patient tumors reveals interactions between therapy and genomic landscapes. <i>Nature Cancer</i> , 2020, 1, 452-468.	5.7	103
4304	Cerebellar plasticity and associative memories are controlled by perineuronal nets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6855-6865.	3.3	65
4305	Loci specific epigenetic drug sensitivity. <i>Nucleic Acids Research</i> , 2020, 48, 4797-4810.	6.5	7
4306	Hardy-Weinberg Equilibrium in the Large Scale Genomic Sequencing Era. <i>Frontiers in Genetics</i> , 2020, 11, 210.	1.1	36
4307	Stability in the Face of Change: Lifelong Experience-Dependent Plasticity in the Sensory Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 76.	1.8	17
4308	P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse. <i>Brain Sciences</i> , 2020, 10, 233.	1.1	55
4309	Epigenetic Research in Stem Cell Bioengineering—Anti-Cancer Therapy, Regenerative and Reconstructive Medicine in Human Clinical Trials. <i>Cancers</i> , 2020, 12, 1016.	1.7	7
4310	Long Non-Coding RNAs in Biliary Tract Cancer—An Up-to-Date Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 1200.	1.0	14
4311	Hispanic/Latino Patients with Gastric Adenocarcinoma Have Distinct Molecular Profiles Including a High Rate of Germline <i>CDH1</i> Variants. <i>Cancer Research</i> , 2020, 80, 2114-2124.	0.4	21
4312	Elevated Plasma Reelin Levels in Children With Autism. <i>Frontiers in Psychiatry</i> , 2020, 11, 242.	1.3	8

#	ARTICLE	IF	CITATIONS
4313	Proteogenomic Characterization of Ovarian HGSC Implicates Mitotic Kinases, Replication Stress in Observed Chromosomal Instability. <i>Cell Reports Medicine</i> , 2020, 1, 100004.	3.3	46
4314	Early postnatal allopregnanolone levels alteration and adult behavioral disruption in rats: Implication for drug abuse. <i>Neurobiology of Stress</i> , 2020, 12, 100208.	1.9	3
4315	PHF20L1 as a H3K27me2 reader coordinates with transcriptional repressors to promote breast tumorigenesis. <i>Science Advances</i> , 2020, 6, eaaz0356.	4.7	26
4316	Molecular diagnosis of muscular diseases in outpatient clinics. <i>Neurology: Genetics</i> , 2020, 6, e408.	0.9	15
4317	&lt;p&gt;Investigating the Role of Glutamate in Obsessive-Compulsive Disorder: Current Perspectives&lt;/p&gt;. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 1003-1013.	1.0	34
4318	Dnmt3a loss and Idh2 neomorphic mutations mutually potentiate malignant hematopoiesis. <i>Blood</i> , 2020, 135, 845-856.	0.6	27
4319	A three layered histone epigenetics in breast cancer metastasis. <i>Cell and Bioscience</i> , 2020, 10, 52.	2.1	24
4320	A population-specific low-frequency variant of SLC22A12 (p.W258*) explains nearby genome-wide association signals for serum uric acid concentrations among Koreans. <i>PLoS ONE</i> , 2020, 15, e0231336.	1.1	2
4321	Uncharacteristic Task-Evoked Pupillary Responses Implicate Atypical Locus Ceruleus Activity in Autism. <i>Journal of Neuroscience</i> , 2020, 40, 3815-3826.	1.7	16
4322	<i>MECP2</i> Duplication Causes Aberrant GABA Pathways, Circuits and Behaviors in Transgenic Monkeys: Neural Mappings to Patients with Autism. <i>Journal of Neuroscience</i> , 2020, 40, 3799-3814.	1.7	29
4323	Membrane-Associated $\alpha$ -Tubulin Is Less Acetylated in Postmortem Prefrontal Cortex from Depressed Subjects Relative to Controls: Cytoskeletal Dynamics, HDAC6, and Depression. <i>Journal of Neuroscience</i> , 2020, 40, 4033-4041.	1.7	12
4324	Nitric Oxide Signaling Strengthens Inhibitory Synapses of Cerebellar Molecular Layer Interneurons through a GABARAP-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2020, 40, 3348-3359.	1.7	5
4325	Characterization of Oxytocin Receptor Expression Within Various Neuronal Populations of the Mouse Dorsal Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 40.	1.4	26
4326	Genetic and Epigenetic Etiology Underlying Autism Spectrum Disorder. <i>Journal of Clinical Medicine</i> , 2020, 9, 966.	1.0	78
4327	Rational approaches for the design of various GABA modulators and their clinical progression. <i>Molecular Diversity</i> , 2021, 25, 551-601.	2.1	9
4328	TET3 controls the expression of the H3K27me3 demethylase Kdm6b during neural commitment. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 757-768.	2.4	11
4329	Advances in genome editing for genetic hearing loss. <i>Advanced Drug Delivery Reviews</i> , 2021, 168, 118-133.	6.6	24
4330	Fuchs endothelial corneal dystrophy: The vicious cycle of Fuchs pathogenesis. <i>Progress in Retinal and Eye Research</i> , 2021, 80, 100863.	7.3	92

#	ARTICLE	IF	CITATIONS
4331	LacZ reporter mapping of <i>Dlx5</i> / <i>Dlx6</i> expression and genoarchitectural analysis of the postnatal mouse prethalamus. <i>Journal of Comparative Neurology</i> , 2021, 529, 367-420.	0.9	23
4332	Population-based targeted sequencing of 54 candidate genes identifies <i>PALB2</i> as a susceptibility gene for high-grade serous ovarian cancer. <i>Journal of Medical Genetics</i> , 2021, 58, 305-313.	1.5	26
4333	Salinomycin inhibits epigenetic modulator EZH2 to enhance death receptors in colon cancer stem cells. <i>Epigenetics</i> , 2021, 16, 144-161.	1.3	17
4334	Reelin signaling modulates GABA B receptor function in the neocortex. <i>Journal of Neurochemistry</i> , 2021, 156, 589-603.	2.1	12
4335	Tet3 ablation in adult brain neurons increases anxiety-like behavior and regulates cognitive function in mice. <i>Molecular Psychiatry</i> , 2021, 26, 1445-1457.	4.1	37
4336	Parvalbumin interneuron vulnerability and brain disorders. <i>Neuropsychopharmacology</i> , 2021, 46, 279-287.	2.8	90
4337	Genomic, transcriptomic, and protein landscape profile of CFTR and cystic fibrosis. <i>Human Genetics</i> , 2021, 140, 423-439.	1.8	3
4338	Tubulin posttranslational modifications control neuronal development and functions. <i>Developmental Neurobiology</i> , 2021, 81, 253-272.	1.5	60
4339	Advances in novel molecular targets for antidepressants. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110041.	2.5	11
4340	What can we learn from PWS and SNORD116 genes about the pathophysiology of addictive disorders?. <i>Molecular Psychiatry</i> , 2021, 26, 51-59.	4.1	20
4341	Functional Abnormalities of Cerebellum and Motor Cortex in Spinal Muscular Atrophy Mice. <i>Neuroscience</i> , 2021, 452, 78-97.	1.1	7
4342	Glutathione Protects the Developing Heart from Defects and Global DNA Hypomethylation Induced by Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 69-78.	1.4	9
4343	Cerebellar Dysfunction in Autism Spectrum Disorders: Deriving Mechanistic Insights from an Internal Model Framework. <i>Neuroscience</i> , 2021, 462, 274-287.	1.1	19
4344	Emerging therapeutic targets for schizophrenia: a framework for novel treatment strategies for psychosis. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 15-26.	1.5	14
4345	Association of serum allopregnanolone with restricted and repetitive behaviors in adult males with autism. <i>Psychoneuroendocrinology</i> , 2021, 123, 105039.	1.3	7
4346	CRISPR/Cas9-Mediated Gene Correction in Newborn Rabbits with Hereditary Tyrosinemia Type I. <i>Molecular Therapy</i> , 2021, 29, 1001-1015.	3.7	14
4347	Overlapping Molecular Pathways Leading to Autism Spectrum Disorders, Fragile X Syndrome, and Targeted Treatments. <i>Neurotherapeutics</i> , 2021, 18, 265-283.	2.1	15
4348	Ectopic activation of GABAB receptors inhibits neurogenesis and metamorphosis in the cnidarian <i>Nematostella vectensis</i> . <i>Nature Ecology and Evolution</i> , 2021, 5, 111-121.	3.4	9

#	ARTICLE	IF	CITATIONS
4349	The histone demethylase KDM6B fine-tunes the host response to <i>Streptococcus pneumoniae</i> . <i>Nature Microbiology</i> , 2021, 6, 257-269.	5.9	16
4350	An unbiased method for evaluating the genome-wide specificity of base editors in rice. <i>Nature Protocols</i> , 2021, 16, 431-457.	5.5	11
4351	Combination of BMP2 and EZH2 Inhibition to Stimulate Osteogenesis in a 3D Bone Reconstruction Model. <i>Tissue Engineering - Part A</i> , 2021, 27, 1084-1098.	1.6	16
4352	A review of decreased sound tolerance in autism: Definitions, phenomenology, and potential mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 121, 1-17.	2.9	60
4353	Characterization of the <i>GABRB2</i> -Associated Neurodevelopmental Disorders. <i>Annals of Neurology</i> , 2021, 89, 573-586.	2.8	14
4354	Alterations in Retrotransposition, Synaptic Connectivity, and Myelination Implicated by Transcriptomic Changes Following Maternal Immune Activation in Nonhuman Primates. <i>Biological Psychiatry</i> , 2021, 89, 896-910.	0.7	21
4355	Gephyrin-mediated formation of inhibitory postsynaptic density sheet via phase separation. <i>Cell Research</i> , 2021, 31, 312-325.	5.7	39
4356	Integrating genetic and non-genetic determinants of cancer evolution by single-cell multi-omics. <i>Nature Reviews Genetics</i> , 2021, 22, 3-18.	7.7	228
4357	Unique roles of rare variants in the genetics of complex diseases in humans. <i>Journal of Human Genetics</i> , 2021, 66, 11-23.	1.1	74
4358	Epigenetic regulation of the lineage specificity of primary human dermal lymphatic and blood vascular endothelial cells. <i>Angiogenesis</i> , 2021, 24, 67-82.	3.7	20
4359	On the reproducibility of hippocampal MEGA-sLASER GABA MRS at 7T using an optimized analysis pipeline. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 427-436.	1.1	3
4360	The potential of induced pluripotent stem cells for discriminating neurodevelopmental disorders. <i>Stem Cells Translational Medicine</i> , 2021, 10, 50-56.	1.6	5
4361	Short-Term Visual Experience Leads to Potentiation of Spontaneous Activity in Mouse Superior Colliculus. <i>Neuroscience Bulletin</i> , 2021, 37, 353-368.	1.5	5
4362	Structural basis of GABARAP-mediated GABAA receptor trafficking and functions on GABAergic synaptic transmission. <i>Nature Communications</i> , 2021, 12, 297.	5.8	15
4363	Histone modifications, DNA methylation, and the epigenetic code of alcohol use disorder. <i>International Review of Neurobiology</i> , 2021, 156, 1-62.	0.9	21
4364	Rectifying optoelectronic memory based on $WSe_2$ /graphene heterostructures. <i>Nanoscale Advances</i> , 2021, 3, 4952-4960.	2.2	13
4365	Genome-wide chromatin occupancy of BRDT and gene expression analysis suggest transcriptional partners and specific epigenetic landscapes that regulate gene expression during spermatogenesis. <i>Molecular Reproduction and Development</i> , 2021, 88, 141-157.	1.0	9
4366	Short loop functional commonality identified in leukaemia proteome highlights crucial protein sub-networks. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab010.	1.5	0

#	ARTICLE	IF	CITATIONS
4367	Epigenetics of cutaneous T-cell lymphoma: biomarkers and therapeutic potentials. <i>Cancer Biology and Medicine</i> , 2021, 18, 34-51.	1.4	11
4368	Precision genome editing using cytosine and adenine base editors in mammalian cells. <i>Nature Protocols</i> , 2021, 16, 1089-1128.	5.5	90
4369	Dendritic Integration Dysfunction in Neurodevelopmental Disorders. <i>Developmental Neuroscience</i> , 2021, 43, 201-221.	1.0	14
4370	Prenatal stress induced chromatin remodeling and risk of psychopathology in adulthood. <i>International Review of Neurobiology</i> , 2021, 156, 185-215.	0.9	8
4371	Abnormal neocortex arealization and Sotos-like syndrome-associated behavior in <i>Setd2</i> mutant mice. <i>Science Advances</i> , 2021, 7, .	4.7	16
4372	Epigenetics and beyond: targeting writers of protein lysine methylation to treat disease. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 265-286.	21.5	116
4373	Contribution of Interneuron Subtype-Specific GABAergic Signaling to Emergent Sensory Processing in Mouse Somatosensory Whisker Barrel Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2538-2554.	1.6	7
4374	Neuron-Specific FMRP Roles in Experience-Dependent Remodeling of Olfactory Brain Innervation during an Early-Life Critical Period. <i>Journal of Neuroscience</i> , 2021, 41, 1218-1241.	1.7	7
4375	Family history assessment significantly enhances delivery of precision medicine in the genomics era. <i>Genome Medicine</i> , 2021, 13, 3.	3.6	19
4376	Postnatal Arx transcriptional activity regulates functional properties of PV interneurons. <i>IScience</i> , 2021, 24, 101999.	1.9	7
4377	Thyroid Hormone Transporter Deficiency in Mice Impacts Multiple Stages of GABAergic Interneuron Development. <i>Cerebral Cortex</i> , 2022, 32, 329-341.	1.6	11
4378	Synaptic recognition molecules in development and disease. <i>Current Topics in Developmental Biology</i> , 2021, 142, 319-370.	1.0	12
4379	MVP predicts the pathogenicity of missense variants by deep learning. <i>Nature Communications</i> , 2021, 12, 510.	5.8	85
4380	Bidirectional causality between addiction and cognitive deficits. <i>International Review of Neurobiology</i> , 2021, 157, 371-407.	0.9	17
4381	Aberrant auditory system and its developmental implications for autism. <i>Science China Life Sciences</i> , 2021, 64, 861-878.	2.3	12
4382	Spontaneous synchronous network activity in the neonatal development of mPFC in mice. <i>Developmental Neurobiology</i> , 2021, 81, 207-225.	1.5	7
4383	Discovery of acquired molecular signature on immune checkpoint inhibitors in paired tumor tissues. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1755-1769.	2.0	4
4384	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2021, 32, 197-215.	1.6	6

#	ARTICLE	IF	CITATIONS
4385	Epigenetic landscape of stress surfeit disorders: Key role for DNA methylation dynamics. <i>International Review of Neurobiology</i> , 2021, 156, 127-183.	0.9	8
4386	Intervention of Brain-Derived Neurotrophic Factor and Other Neurotrophins in Adult Neurogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1331, 95-115.	0.8	12
4387	Research advances on epigenetics and cancer metabolism. <i>Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences</i> , 2021, 50, 1-16.	0.1	4
4388	Dual midbrain and forebrain origins of thalamic inhibitory interneurons. <i>ELife</i> , 2021, 10, .	2.8	40
4389	Nivolumab plus ipilimumab, with or without enzalutamide, in AR $\alpha$ -expressing metastatic castration-resistant prostate cancer: A phase 2 nonrandomized clinical trial. <i>Prostate</i> , 2021, 81, 326-338.	1.2	35
4390	Long-term maturation of human cortical organoids matches key early postnatal transitions. <i>Nature Neuroscience</i> , 2021, 24, 331-342.	7.1	188
4391	Cell Cycle Regulation of the Pdx1 Transcription Factor in Developing Pancreas and Insulin-Producing $\beta$ -Cells. <i>Diabetes</i> , 2021, 70, 903-916.	0.3	10
4392	Formation and integration of new neurons in the adult hippocampus. <i>Nature Reviews Neuroscience</i> , 2021, 22, 223-236.	4.9	146
4393	Epigenetics in Prader-Willi Syndrome. <i>Frontiers in Genetics</i> , 2021, 12, 624581.	1.1	16
4394	Targeting Epigenetic Mechanisms to Treat Alcohol Use Disorders (AUD). <i>Current Pharmaceutical Design</i> , 2021, 27, 3252-3272.	0.9	2
4395	TET2 mutations in acute myeloid leukemia: a comprehensive study in patients of Sindh, Pakistan. <i>PeerJ</i> , 2021, 9, e10678.	0.9	6
4396	Enzyme Replacement Therapy for Succinic Semialdehyde Dehydrogenase Deficiency: Relevance in $\beta$ -Aminobutyric Acid Plasticity. <i>Journal of Child Neurology</i> , 2021, 36, 1200-1209.	0.7	11
4397	Recruitment of Plasma Membrane GABA-A Receptors by Submembranous Gephyrin/Collybistin Clusters. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1585-1604.	1.7	1
4398	Whole exome sequencing uncovered highly penetrant recessive mutations for a spectrum of rare genetic pediatric diseases in Bangladesh. <i>Npj Genomic Medicine</i> , 2021, 6, 14.	1.7	8
4399	Visual working memory and sensory processing in autistic children. <i>Scientific Reports</i> , 2021, 11, 3648.	1.6	8
4400	Long noncoding RNAs (lncRNAs) in human lymphomas. <i>Genes and Diseases</i> , 2022, 9, 900-914.	1.5	4
4401	Hyperactive MEK1 Signaling in Cortical GABAergic Neurons Promotes Embryonic Parvalbumin Neuron Loss and Defects in Behavioral Inhibition. <i>Cerebral Cortex</i> , 2021, 31, 3064-3081.	1.6	10
4402	Synaptic communication mediates the assembly of a self-organizing circuit that controls reproduction. <i>Science Advances</i> , 2021, 7, .	4.7	11

#	ARTICLE	IF	CITATIONS
4403	Clinical epigenetics settings for cancer and cardiovascular diseases: real-life applications of network medicine at the bedside. <i>Clinical Epigenetics</i> , 2021, 13, 66.	1.8	36
4404	Conditional knockout of MET receptor tyrosine kinase in cortical excitatory neurons leads to enhanced learning and memory in young adult mice but early cognitive decline in older adult mice. <i>Neurobiology of Learning and Memory</i> , 2021, 179, 107397.	1.0	8
4405	MutSpliceDB: A database of splice sites variants with RNA-seq based evidence on effects on splicing. <i>Human Mutation</i> , 2021, 42, 342-345.	1.1	9
4406	A critical period of neuronal activity results in aberrant neurogenesis rewiring hippocampal circuitry in a mouse model of epilepsy. <i>Nature Communications</i> , 2021, 12, 1423.	5.8	46
4407	Depolarizing GABA <sub>A</sub> current in the prefrontal cortex is linked with cognitive impairment in a mouse model relevant for schizophrenia. <i>Science Advances</i> , 2021, 7, .	4.7	18
4408	The role of GABAergic signalling in neurodevelopmental disorders. <i>Nature Reviews Neuroscience</i> , 2021, 22, 290-307.	4.9	83
4409	Antisense oligonucleotide therapy in a humanized mouse model of <i>MECP2</i> duplication syndrome. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	29
4410	Divulging the Intricacies of Crosstalk Between NF-Kb and Nrf2-Keap1 Pathway in Neurological Complications of COVID-19. <i>Molecular Neurobiology</i> , 2021, 58, 3347-3361.	1.9	29
4411	Machine learning analysis of pregnancy data enables early identification of a subpopulation of newborns with ASD. <i>Scientific Reports</i> , 2021, 11, 6877.	1.6	25
4412	Determining the optimal expression method for dual-color imaging. <i>Journal of Neuroscience Methods</i> , 2021, 351, 109064.	1.3	1
4413	Caffeine exposure in utero is associated with structural brain alterations and deleterious neurocognitive outcomes in 9-10 year old children. <i>Neuropharmacology</i> , 2021, 186, 108479.	2.0	10
4414	Assessment of Urinary Lead (Pb) and Essential Trace Elements in Autism Spectrum Disorder: a Case-Control Study Among Preschool Children in Malaysia. <i>Biological Trace Element Research</i> , 2022, 200, 97-121.	1.9	16
4415	Low-Dose Decitabine Augments the Activation and Anti-Tumor Immune Response of IFN- $\gamma$ <sup>+</sup> CD4 <sup>+</sup> T Cells Through Enhancing $\text{I}\kappa\text{B}\alpha$ Degradation and NF- $\kappa\text{B}$ Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647713.	1.8	4
4416	Structural, Functional, and Molecular Imaging of Autism Spectrum Disorder. <i>Neuroscience Bulletin</i> , 2021, 37, 1051-1071.	1.5	34
4417	Diminished Cortical Excitation and Elevated Inhibition During Perceptual Impairments in a Mouse Model of Autism. <i>Cerebral Cortex</i> , 2021, 31, 3462-3474.	1.6	9
4418	Genetic differences between benign phyllodes tumors and fibroadenomas revealed through targeted next generation sequencing. <i>Modern Pathology</i> , 2021, 34, 1320-1332.	2.9	19
4419	Neurobiology of ARID1B haploinsufficiency related to neurodevelopmental and psychiatric disorders. <i>Molecular Psychiatry</i> , 2022, 27, 476-489.	4.1	21
4420	The deubiquitinase Usp9x regulates PRC2-mediated chromatin reprogramming during mouse development. <i>Nature Communications</i> , 2021, 12, 1865.	5.8	11

#	ARTICLE	IF	CITATIONS
4421	Modeling heritability of temperamental differences, stress reactivity, and risk for anxiety and depression: Relevance to research domain criteria (RDoC). <i>European Journal of Neuroscience</i> , 2022, 55, 2076-2107.	1.2	5
4422	Molecular characterization of pathogenic <i>OTOA</i> gene conversions in hearing loss patients. <i>Human Mutation</i> , 2021, 42, 373-377.	1.1	10
4423	Roles and Mechanisms of Axon-Guidance Molecules in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021, 58, 3290-3307.	1.9	27
4424	Fast searches of large collections of single-cell data using scfind. <i>Nature Methods</i> , 2021, 18, 262-271.	9.0	10
4425	The enhancement of activity rescues the establishment of <i>Mecp2</i> null neuronal phenotypes. <i>EMBO Molecular Medicine</i> , 2021, 13, e12433.	3.3	8
4426	The roles of Polycomb repressive complexes in mammalian development and cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 326-345.	16.1	210
4427	Unraveling Neuroendocrine Gallbladder Cancer: Comprehensive Clinicopathologic and Molecular Characterization. <i>JCO Precision Oncology</i> , 2021, 5, 473-484.	1.5	6
4428	Allele frequency of variants reported to cause adenine phosphoribosyltransferase deficiency. <i>European Journal of Human Genetics</i> , 2021, 29, 1061-1070.	1.4	5
4429	Language evolution: examining the link between cross-modality and aggression through the lens of disorders. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200188.	1.8	12
4430	An alternative splicing hypothesis for neuropathology of schizophrenia: evidence from studies on historical candidate genes and multi-omics data. <i>Molecular Psychiatry</i> , 2022, 27, 95-112.	4.1	19
4431	Channelopathies in fragile X syndrome. <i>Nature Reviews Neuroscience</i> , 2021, 22, 275-289.	4.9	59
4432	Posttranslational regulation of FOXA1 by Polycomb and BUB3/USP7 deubiquitin complex in prostate cancer. <i>Science Advances</i> , 2021, 7, .	4.7	37
4433	Unique Actions of GABA Arising from Cytoplasmic Chloride Microdomains. <i>Journal of Neuroscience</i> , 2021, 41, 4957-4975.	1.7	19
4434	Chromatin remodeller CHD7 is required for GABAergic neuron development by promoting PAQR3 expression. <i>EMBO Reports</i> , 2021, 22, e50958.	2.0	15
4435	Human brain region-specific variably methylated regions are enriched for heritability of distinct neuropsychiatric traits. <i>Genome Biology</i> , 2021, 22, 116.	3.8	22
4436	A case-control study of visual, auditory and audiovisual sensory interactions in children with autism spectrum disorder. <i>Journal of Vision</i> , 2021, 21, 5.	0.1	2
4437	Broadening the Clinical Spectrum of Very Low Density Lipoprotein Receptor Associated Dysequilibrium Syndrome. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 619-623.	0.8	1
4438	Are Essential Trace Elements Effective in Modulation of Mental Disorders? Update and Perspectives. <i>Biological Trace Element Research</i> , 2022, 200, 1032-1059.	1.9	29

#	ARTICLE	IF	CITATIONS
4439	Hyperexcitability and Loss of Feedforward Inhibition Contribute to Aberrant Plasticity in the <i>Fmr1</i> KO Amygdala. <i>ENeuro</i> , 2021, 8, ENEURO.0113-21.2021.	0.9	6
4440	Advances in epigenetic therapeutics with focus on solid tumors. <i>Clinical Epigenetics</i> , 2021, 13, 83.	1.8	53
4441	Reelin deficiency contributes to long-term behavioral abnormalities induced by chronic adolescent exposure to $\delta^9$ -tetrahydrocannabinol in mice. <i>Neuropharmacology</i> , 2021, 187, 108495.	2.0	13
4442	Suppression of canonical TGF- $\beta^2$ signaling enables GATA4 to interact with H3K27me3 demethylase JMJD3 to promote cardiomyogenesis. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 153, 44-59.	0.9	18
4443	Computation of the electroencephalogram (EEG) from network models of point neurons. <i>PLoS Computational Biology</i> , 2021, 17, e1008893.	1.5	20
4444	Cell-type-specific synaptic imbalance and disrupted homeostatic plasticity in cortical circuits of ASD-associated <i>Chd8</i> haploinsufficient mice. <i>Molecular Psychiatry</i> , 2021, 26, 3614-3624.	4.1	18
4445	Actionable secondary findings in arrhythmogenic right ventricle cardiomyopathy genes: impact and challenge of genetic counseling. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 637-649.	0.7	1
4446	Reelin Depletion Protects Against Atherosclerosis by Decreasing Vascular Adhesion of Leukocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1309-1318.	1.1	14
4447	Performance of Chromosomal Microarray Analysis for Detection of Copy Number Variations in Fetal Echogenic Bowel. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 1431-1438.	1.2	4
4448	Non-Cell-Autonomous Regulation of Optic Nerve Regeneration by Amacrine Cells. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 666798.	1.8	10
4449	Targeting EZH2-mediated methylation of histone 3 inhibits proliferation of pediatric acute monocytic leukemia cells <i>in vitro</i> . <i>Cancer Biology and Therapy</i> , 2021, 22, 333-344.	1.5	6
4450	Regulation of Glutamate, GABA and Dopamine Transporter Uptake, Surface Mobility and Expression. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 670346.	1.8	25
4451	Elevated EZH2 in ischemic heart disease epigenetically mediates suppression of <i>Nav1.5</i> expression. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 153, 95-103.	0.9	7
4452	Mega cisterna magna in bipolar mood disorder: a case report. <i>Yeungnam University Journal of Medicine</i> , 2022, 39, 58-61.	0.7	2
4453	Discrimination of single-point mutations in unamplified genomic DNA via Cas9 immobilized on a graphene field-effect transistor. <i>Nature Biomedical Engineering</i> , 2021, 5, 713-725.	11.6	77
4454	Pathogenic missense protein variants affect different functional pathways and proteomic features than healthy population variants. <i>PLoS Biology</i> , 2021, 19, e3001207.	2.6	13
4455	GABAergic Mechanisms Can Redress the Tilted Balance between Excitation and Inhibition in Damaged Spinal Networks. <i>Molecular Neurobiology</i> , 2021, 58, 3769-3786.	1.9	12
4456	Locomotor deficits induced by lumbar muscle inflammation involve spinal microglia and are independent of <i>KCC2</i> expression in a mouse model of complete spinal transection. <i>Experimental Neurology</i> , 2021, 338, 113592.	2.0	1

#	ARTICLE	IF	CITATIONS
4457	Biomolecular condensates in membrane receptor signaling. <i>Current Opinion in Cell Biology</i> , 2021, 69, 48-54.	2.6	33
4458	Whole genome variation in 27 Mexican indigenous populations, demographic and biomedical insights. <i>PLoS ONE</i> , 2021, 16, e0249773.	1.1	8
4459	Electroacupuncture promotes the recovery of rats with spinal cord injury by suppressing the Notch signaling pathway via the H19/ EZH2 axis. <i>Annals of Translational Medicine</i> , 2021, 9, 844-844.	0.7	6
4460	Discovery of first-in-class inhibitors of ASH1L histone methyltransferase with anti-leukemic activity. <i>Nature Communications</i> , 2021, 12, 2792.	5.8	17
4461	Repurposing Vorinostat for the Treatment of Disorders Affecting Brain. <i>NeuroMolecular Medicine</i> , 2021, 23, 449-465.	1.8	18
4462	Interaction of maternal immune activation and genetic interneuronal inhibition. <i>Brain Research</i> , 2021, 1759, 147370.	1.1	4
4463	DZNep, an inhibitor of the histone methyltransferase EZH2, suppresses hepatic fibrosis through regulating miR-199a-5p/SOCS7 pathway. <i>PeerJ</i> , 2021, 9, e11374.	0.9	5
4464	Early Sensory Deprivation Leads to Differential Inhibitory Changes in the Striatum During Learning. <i>Frontiers in Neural Circuits</i> , 2021, 15, 670858.	1.4	2
4465	Long-term effects of early postnatal nicotine exposure on cholinergic function in the mouse hippocampal CA1 region. <i>Neurobiology of Learning and Memory</i> , 2021, 181, 107445.	1.0	4
4466	Cul3 regulates cytoskeleton protein homeostasis and cell migration during a critical window of brain development. <i>Nature Communications</i> , 2021, 12, 3058.	5.8	18
4467	Decreased levels of $\beta^3$ -aminobutyric acid in temporal lobe of children with 47,XXX syndrome. <i>NeuroReport</i> , 2021, 32, 541-547.	0.6	1
4468	The chromatin remodelling protein LSH/HELLS regulates the amount and distribution of DNA hydroxymethylation in the genome. <i>Epigenetics</i> , 2022, 17, 422-443.	1.3	4
4469	Profiling beneficial and potential adverse effects of MeCP2 overexpression in a hypomorphic Rett syndrome mouse model. <i>Genes, Brain and Behavior</i> , 2021, , 12752.	1.1	10
4470	Downregulation of SUV39H1 and CITED2 Exerts Additive Effect on Promoting Adipogenic Commitment of Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2021, 30, 485-501.	1.1	1
4471	A versatile polypharmacology platform promotes cytoprotection and viability of human pluripotent and differentiated cells. <i>Nature Methods</i> , 2021, 18, 528-541.	9.0	72
4472	Imbalanced social-communicative and restricted repetitive behavior subtypes of autism spectrum disorder exhibit different neural circuitry. <i>Communications Biology</i> , 2021, 4, 574.	2.0	17
4473	Neocortex- and hippocampus-specific deletion of Gabrg2 causes temperature-dependent seizures in mice. <i>Cell Death and Disease</i> , 2021, 12, 553.	2.7	7
4474	Early differences in auditory processing relate to Autism Spectrum Disorder traits in infants with Neurofibromatosis Type I. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 22.	1.5	15

#	ARTICLE	IF	CITATIONS
4475	Looking Back at the Next 40 Years of ASD Neuroscience Research. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 4333-4353.	1.7	17
4476	The microtubule cytoskeleton at the synapse. <i>Neuroscience Letters</i> , 2021, 753, 135850.	1.0	22
4477	Treatment resistance in diffuse large B-cell lymphoma. <i>Leukemia</i> , 2021, 35, 2151-2165.	3.3	44
4478	Knowledge bases and software support for variant interpretation in precision oncology. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	9
4479	Reviewing Evidence for the Relationship of EEG Abnormalities and RTT Phenotype Paralleled by Insights from Animal Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5308.	1.8	11
4480	Leptin increases GABAergic synaptogenesis through the Rho guanine exchange factor Î²-PIX in developing hippocampal neurons. <i>Science Signaling</i> , 2021, 14, .	1.6	8
4481	Safety and efficacy of genetic <i>MECP2</i> supplementation in the <i>R294X</i> mouse model of Rett syndrome. <i>Genes, Brain and Behavior</i> , 2022, 21, e12739.	1.1	15
4482	A potential role for somatostatin signaling in regulating retinal neurogenesis. <i>Scientific Reports</i> , 2021, 11, 10962.	1.6	7
4483	A key requirement for synaptic Reelin signaling in ketamine-mediated behavioral and synaptic action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
4484	Cadherin-13 is a critical regulator of GABAergic modulation in human stem-cell-derived neuronal networks. <i>Molecular Psychiatry</i> , 2022, 27, 1-18.	4.1	77
4485	Dysfunction of Trio GEF1 involves in excitatory/inhibitory imbalance and autism-like behaviors through regulation of interneuron migration. <i>Molecular Psychiatry</i> , 2021, 26, 7621-7640.	4.1	9
4486	Elp2 mutations perturb the epitranscriptome and lead to a complex neurodevelopmental phenotype. <i>Nature Communications</i> , 2021, 12, 2678.	5.8	26
4487	Effects of early life seizures on coordination of hippocampalâ€“prefrontal networks: Influence of sex and dynamic brain states. <i>Epilepsia</i> , 2021, 62, 1701-1714.	2.6	12
4488	Histone deacetylaseâ€²: A potential regulator and therapeutic target in liver disease (Review). <i>International Journal of Molecular Medicine</i> , 2021, 48, .	1.8	11
4489	Implications of Extended Inhibitory Neuron Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5113.	1.8	14
4490	Symptomatic and preventive effects of the novel phosphodiesterase-9 inhibitor BI 409306 in an immune-mediated model of neurodevelopmental disorders. <i>Neuropsychopharmacology</i> , 2021, 46, 1526-1534.	2.8	6
4491	Restoring neuronal chloride homeostasis with anti-NKCC1 gene therapy rescues cognitive deficits in a mouse model of Down syndrome. <i>Molecular Therapy</i> , 2021, 29, 3072-3092.	3.7	14
4492	Metabolic reprogramming and epigenetic modifications on the path to cancer. <i>Protein and Cell</i> , 2022, 13, 877-919.	4.8	179

#	ARTICLE	IF	CITATIONS
4493	RNA m6A modification orchestrates a LINE-1 host interaction that facilitates retrotransposition and contributes to long gene vulnerability. <i>Cell Research</i> , 2021, 31, 861-885.	5.7	47
4494	Ubiquitination of Histone H2B by Proteasome Subunit RPT6 Controls Histone Methylation Chromatin Dynamics During Memory Formation. <i>Biological Psychiatry</i> , 2021, 89, 1176-1187.	0.7	22
4495	Scn2a severe hypomorphic mutation decreases excitatory synaptic input and causes autism-associated behaviors. <i>JCI Insight</i> , 2021, 6, .	2.3	9
4496	Understanding the genetics of adult-onset dilated cardiomyopathy: what a clinician needs to know. <i>European Heart Journal</i> , 2021, 42, 2384-2396.	1.0	28
4497	Towards improved genetic diagnosis of human differences of sex development. <i>Nature Reviews Genetics</i> , 2021, 22, 588-602.	7.7	35
4498	Weak Association Between the Glutamate Decarboxylase 1 Gene (GAD1) and Schizophrenia in Han Chinese Population. <i>Frontiers in Neuroscience</i> , 2021, 15, 677153.	1.4	0
4499	A review of non-prostanoid, eicosanoid receptors: expression, characterization, regulation, and mechanism of action. <i>Journal of Cell Communication and Signaling</i> , 2022, 16, 5-46.	1.8	6
4500	Prenatal Lead (Pb) Exposure and Peripheral Blood DNA Methylation (5mC) and Hydroxymethylation (5hmC) in Mexican Adolescents from the ELEMENT Birth Cohort. <i>Environmental Health Perspectives</i> , 2021, 129, 67002.	2.8	18
4501	An Early Cortical Progenitor-Specific Mechanism Regulates Thalamocortical Innervation. <i>Journal of Neuroscience</i> , 2021, 41, 6822-6835.	1.7	10
4502	Disruption of NEUROD2 causes a neurodevelopmental syndrome with autistic features via cell-autonomous defects in forebrain glutamatergic neurons. <i>Molecular Psychiatry</i> , 2021, 26, 6125-6148.	4.1	21
4503	Non-coding region variants upstream of MEF2C cause severe developmental disorder through three distinct loss-of-function mechanisms. <i>American Journal of Human Genetics</i> , 2021, 108, 1083-1094.	2.6	42
4504	Drug development for Autism Spectrum Disorder (ASD): Progress, challenges, and future directions. <i>European Neuropsychopharmacology</i> , 2021, 48, 3-31.	0.3	30
4505	Dual role of EZH2 in megakaryocyte differentiation. <i>Blood</i> , 2021, 138, 1603-1614.	0.6	5
4506	Potential Roles for Gamma-Aminobutyric Acid Signaling in Bacterial Communities. <i>Bioelectricity</i> , 2021, 3, 120-125.	0.6	18
4507	Genome sequencing of 320 Chinese children with epilepsy: a clinical and molecular study. <i>Brain</i> , 2021, 144, 3623-3634.	3.7	13
4508	An Autism-Associated Neuroligin-3 Mutation Affects Developmental Synapse Elimination in the Cerebellum. <i>Frontiers in Neural Circuits</i> , 2021, 15, 676891.	1.4	11
4509	Efficient C to G base editors developed using CRISPRi screens, target-library analysis, and machine learning. <i>Nature Biotechnology</i> , 2021, 39, 1414-1425.	9.4	118
4510	A genetic interaction of NRXN2 with GABRE, SYT1 and CASK in migraine patients: a case-control study. <i>Journal of Headache and Pain</i> , 2021, 22, 57.	2.5	6

#	ARTICLE	IF	CITATIONS
4511	Epigenetic Editing in Prostate Cancer: Challenges and Opportunities. <i>Epigenetics</i> , 2022, 17, 564-588.	1.3	4
4512	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. <i>Nature Communications</i> , 2021, 12, 3297.	5.8	11
4513	Neuronal and glial cell number is altered in a cortical layer-specific manner in autism. <i>Autism</i> , 2021, 25, 2238-2253.	2.4	29
4514	A Combined Network Pharmacology and Molecular Docking Approach to Investigate Candidate Active Components and Multitarget Mechanisms of <i>Hemerocallis</i> Flowers on Antidepressant Effect. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-17.	0.5	3
4515	<i>DLX5/6</i> GABAergic Expression Affects Social Vocalization: Implications for Human Evolution. <i>Molecular Biology and Evolution</i> , 2021, 38, 4748-4764.	3.5	8
4516	Genetic Diagnosis in Children with Epilepsy and Developmental Disorders by Targeted Gene Panel Analysis in a Developing Country. <i>Journal of Epilepsy Research</i> , 2021, 11, 22-31.	0.1	7
4517	EZH2 inhibition by tazemetostat: mechanisms of action, safety and efficacy in relapsed/refractory follicular lymphoma. <i>Future Oncology</i> , 2021, 17, 2127-2140.	1.1	20
4518	Timing and Intertemporal Choice Behavior in the Valproic Acid Rat Model of Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, , 1.	1.7	2
4519	Emergence of local and global synaptic organization on cortical dendrites. <i>Nature Communications</i> , 2021, 12, 4005.	5.8	22
4520	The amygdala modulates prepulse inhibition of the auditory startle reflex through excitatory inputs to the caudal pontine reticular nucleus. <i>BMC Biology</i> , 2021, 19, 116.	1.7	14
4521	The impact of a lack of mathematical education on brain development and future attainment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	23
4522	Loss of <i>CC2D1A</i> in Glutamatergic Neurons Results in Autistic-Like Features in Mice. <i>Neurotherapeutics</i> , 2021, 18, 2021-2039.	2.1	5
4523	Coherence and cognition in the cortex: the fundamental role of parvalbumin, myelin, and the perineuronal net. <i>Brain Structure and Function</i> , 2021, 226, 2041-2055.	1.2	11
4524	Spectral signatures of L-DOPA-induced dyskinesia depend on L-DOPA dose and are suppressed by ketamine. <i>Experimental Neurology</i> , 2021, 340, 113670.	2.0	11
4525	Reversing frontal disinhibition rescues behavioural deficits in models of <i>CACNA1A</i> -associated neurodevelopment disorders. <i>Molecular Psychiatry</i> , 2021, 26, 7225-7246.	4.1	16
4526	Parental Language Input Predicts Neurooscillatory Patterns Associated with Language Development in Toddlers at Risk of Autism. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 2717-2731.	1.7	13
4527	Genome-based therapeutic interventions for $\beta^2$ -type hemoglobinopathies. <i>Human Genomics</i> , 2021, 15, 32.	1.4	10
4528	The epigenetics of breast cancer – Opportunities for diagnostics, risk stratification and therapy. <i>Epigenetics</i> , 2022, 17, 612-624.	1.3	13

#	ARTICLE	IF	CITATIONS
4529	Epigenetic Regulation of Intestinal Stem Cells and Disease: A Balancing Act of DNA and Histone Methylation. <i>Gastroenterology</i> , 2021, 160, 2267-2282.	0.6	15
4530	Solving patients with rare diseases through programmatic reanalysis of genome-phenome data. <i>European Journal of Human Genetics</i> , 2021, 29, 1337-1347.	1.4	34
4531	Aberrant maturation and connectivity of prefrontal cortex in schizophreniaâ€™ contribution of NMDA receptor development and hypofunction. <i>Molecular Psychiatry</i> , 2022, 27, 731-743.	4.1	30
4532	Visual Evoked Potential Abnormalities in Phelan-McDermid Syndrome. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 565-574.e1.	0.3	5
4533	JMJD3: a critical epigenetic regulator in stem cell fate. <i>Cell Communication and Signaling</i> , 2021, 19, 72.	2.7	14
4534	The development of descending serotonergic modulation of the spinal nociceptive network: a life span perspective. <i>Pediatric Research</i> , 2022, 91, 1361-1369.	1.1	9
4535	Mice with an autismâ€™associated <scp>R451C</scp> mutation in neuroliginâ€™3 show a cautious but accurate response style in touchscreen attention tasks. <i>Genes, Brain and Behavior</i> , 2022, 21, e12757.	1.1	11
4536	Prefrontal GABAergic Interneurons Gate Long-Range Afferents to Regulate Prefrontal Cortex-Associated Complex Behaviors. <i>Frontiers in Neural Circuits</i> , 2021, 15, 716408.	1.4	18
4537	Scalable control of developmental timetables by epigenetic switching networks. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210109.	1.5	6
4538	Three-dimensional missense tolerance ratio analysis. <i>Genome Research</i> , 2021, 31, 1447-1461.	2.4	14
4539	The Emergence of Network Activity Patterns in the Somatosensory Cortex â€™ An Early Window to Autism Spectrum Disorders. <i>Neuroscience</i> , 2021, 466, 298-309.	1.1	10
4540	Mapping brain-behavior space relationships along the psychosis spectrum. <i>ELife</i> , 2021, 10, .	2.8	21
4541	Derivation of feeder-free human extended pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 1686-1696.	2.3	15
4542	Epigenetic Alterations in Pancreatic Cancer Metastasis. <i>Biomolecules</i> , 2021, 11, 1082.	1.8	28
4543	Reversing the Psychiatric Effects of Neurodevelopmental Cannabinoid Exposure: Exploring Pharmacotherapeutic Interventions for Symptom Improvement. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7861.	1.8	8
4544	Three decades of ASD genetics: building a foundation for neurobiological understanding and treatment. <i>Human Molecular Genetics</i> , 2021, 30, R236-R244.	1.4	22
4545	Proximate markers of cognitive dysfunction in schizophrenia. <i>Schizophrenia Research</i> , 2021, 233, 114-115.	1.1	0
4546	Sensory Coding of Limb Kinematics in Motor Cortex across a Key Developmental Transition. <i>Journal of Neuroscience</i> , 2021, 41, 6905-6918.	1.7	15

#	ARTICLE	IF	CITATIONS
4547	Region-specific elevations of glutamate + glutamine correlate with the sensory symptoms of autism spectrum disorders. <i>Translational Psychiatry</i> , 2021, 11, 411.	2.4	27
4548	Gene-Environment Interactions in Developmental Neurotoxicity: a Case Study of Synergy between Chlorpyrifos and CHD8 Knockout in Human Brain Spheres. <i>Environmental Health Perspectives</i> , 2021, 129, 77001.	2.8	41
4549	GABA-receptive microglia selectively sculpt developing inhibitory circuits. <i>Cell</i> , 2021, 184, 4048-4063.e32.	13.5	142
4550	Neuropathic Injury-Induced Plasticity of GABAergic System in Peripheral Sensory Ganglia. <i>Frontiers in Pharmacology</i> , 2021, 12, 702218.	1.6	10
4551	Reprogramming of bivalent chromatin states in NRAS mutant melanoma suggests PRC2 inhibition as a therapeutic strategy. <i>Cell Reports</i> , 2021, 36, 109410.	2.9	17
4552	Altered Parvalbumin Basket Cell Terminals in the Cortical Visuospatial Working Memory Network in Schizophrenia. <i>Biological Psychiatry</i> , 2021, 90, 47-57.	0.7	16
4553	Genetic Analysis of Functional Rare Germline Variants across Nine Cancer Types from an Electronic Health Record Linked Biobank. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1681-1688.	1.1	0
4554	Anesthetic Propofol Promotes Tumor Metastasis in Lungs via GABA <sub>A</sub> -Dependent TRIM21 Modulation of Src Expression. <i>Advanced Science</i> , 2021, 8, e2102079.	5.6	23
4555	µ-Opioid Receptor (Oprm1) Copy Number Influences Nucleus Accumbens Microcircuitry and Reciprocal Social Behaviors. <i>Journal of Neuroscience</i> , 2021, 41, 7965-7977.	1.7	20
4556	Mitochondrial Proteostasis Requires Genes Encoded in a Neurodevelopmental Syndrome Locus. <i>Journal of Neuroscience</i> , 2021, 41, 6596-6616.	1.7	18
4557	Modulation of striatal functional connectivity differences in adults with and without autism spectrum disorder in a single-dose randomized trial of cannabidiol. <i>Molecular Autism</i> , 2021, 12, 49.	2.6	13
4558	Living Proof of Activity of Extracellular Vesicles in the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7294.	1.8	12
4559	The return of individual genomic results to research participants: design and pilot study of Tohoku Medical Megabank Project. <i>Journal of Human Genetics</i> , 2022, 67, 9-17.	1.1	9
4560	Network-Based Analysis of Fatal Comorbidities of COVID-19 and Potential Therapeutics. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 1271-1280.	1.9	23
4561	Oxytocin administration in neonates shapes hippocampal circuitry and restores social behavior in a mouse model of autism. <i>Molecular Psychiatry</i> , 2021, 26, 7582-7595.	4.1	45
4562	Lateralized Decrease of Parvalbumin+ Cells in the Somatosensory Cortex of ASD Models Is Correlated with Unilateral Tactile Hypersensitivity. <i>Cerebral Cortex</i> , 2022, 32, 554-568.	1.6	9
4563	Pre-implantation alcohol exposure induces lasting sex-specific DNA methylation programming errors in the developing forebrain. <i>Clinical Epigenetics</i> , 2021, 13, 164.	1.8	11
4564	GABAergic dysfunction, neural network hyperactivity and memory impairments in human aging and Alzheimer's disease. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 146-159.	2.3	77

#	ARTICLE	IF	CITATIONS
4565	Cognitive Dysfunction After Analgesia and Sedation: Out of the Operating Room and Into the Pediatric Intensive Care Unit. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 713668.	1.0	15
4566	Guardians of the Genome: BRCA2 and Its Partners. <i>Genes</i> , 2021, 12, 1229.	1.0	17
4567	Mutation Edgotype Drives Fitness Effect in Human. <i>Frontiers in Bioinformatics</i> , 2021, 1, .	1.0	2
4568	The non-coding genome in genetic brain disorders: new targets for therapy?. <i>Essays in Biochemistry</i> , 2021, 65, 671-683.	2.1	3
4569	The interplay of neurovasculature and adult hippocampal neurogenesis. <i>Neuroscience Letters</i> , 2021, 760, 136071.	1.0	9
4570	The Essential Role of Epigenetic Modifications in Neurodegenerative Diseases with Dyskinesia. <i>Cellular and Molecular Neurobiology</i> , 2021, , 1.	1.7	3
4571	Biomarkers Obtained by Transcranial Magnetic Stimulation in Neurodevelopmental Disorders. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 135-148.	0.9	13
4572	Effects of time-of-day on the concentration of defined excitatory and inhibitory amino acids in the cerebrospinal fluid of rats: a microdialysis study. <i>Amino Acids</i> , 2021, 53, 1597-1607.	1.2	2
4573	A subthreshold synaptic mechanism regulating BDNF expression and resting synaptic strength. <i>Cell Reports</i> , 2021, 36, 109467.	2.9	17
4574	First glance at the molecular etiology of hearing loss in French-Canadian families from Saguenay-Lac-Saint-Jean's founder population. <i>Human Genetics</i> , 2022, 141, 607-622.	1.8	2
4575	Dynamic interplay between GABAergic networks and developing neurons in the adult hippocampus. <i>Current Opinion in Neurobiology</i> , 2021, 69, 124-130.	2.0	20
4576	Traumatic Injury to the Developing Brain: Emerging Relationship to Early Life Stress. <i>Frontiers in Neurology</i> , 2021, 12, 708800.	1.1	3
4577	Proteomic profiling dataset of chemical perturbations in multiple biological backgrounds. <i>Scientific Data</i> , 2021, 8, 226.	2.4	9
4578	GATA-4 Variants in Two Unrelated Cases with 46, XY Disorder of Sex Development and Review of the Literature. <i>JCRPE Journal of Clinical Research in Pediatric Endocrinology</i> , 2022, 14, 469-474.	0.4	1
4579	What is the Link Between Mental Imagery and Sensory Sensitivity? Insights from Aphantasia. <i>Perception</i> , 2021, 50, 757-782.	0.5	33
4580	Identification of neural oscillations and epileptiform changes in human brain organoids. <i>Nature Neuroscience</i> , 2021, 24, 1488-1500.	7.1	112
4581	Positive AMPA receptor modulation in the treatment of neuropsychiatric disorders: A long and winding road. <i>Drug Discovery Today</i> , 2021, 26, 2816-2838.	3.2	26
4582	Expanding the genotypes and phenotypes for 19 rare diseases by exome sequencing performed in pediatric intensive care unit. <i>Human Mutation</i> , 2021, 42, 1443-1460.	1.1	4

#	ARTICLE	IF	CITATIONS
4583	GABAA receptors: structure, function, pharmacology, and related disorders. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 123.	1.5	117
4584	HDAC1 deregulation promotes neuronal loss and deficit of motor function in stroke pathogenesis. <i>Scientific Reports</i> , 2021, 11, 16354.	1.6	13
4585	Intrinsic Morphologic and Physiologic Development of Human Derived Retinal Ganglion Cells In Vitro. <i>Translational Vision Science and Technology</i> , 2021, 10, 1.	1.1	5
4586	The emerging role of GABA as a transport regulator and physiological signal. <i>Plant Physiology</i> , 2021, 187, 2005-2016.	2.3	34
4587	Profiling Analysis of Circular RNA and mRNA in Human Temporal Lobe Epilepsy with Hippocampal Sclerosis ILAE Type 1. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2745-2755.	1.7	6
4588	Cellular, synaptic, and network effects of chemokines in the central nervous system and their implications to behavior. <i>Pharmacological Reports</i> , 2021, 73, 1595-1625.	1.5	9
4589	GABAB Receptors: are they Missing in Action in Focal Epilepsy Research?. <i>Current Neuropharmacology</i> , 2022, 20, 1704-1716.	1.4	7
4590	Mouse Models of Germinal Center Derived B-Cell Lymphomas. <i>Frontiers in Immunology</i> , 2021, 12, 710711.	2.2	6
4591	Histone H3K27 methylation-mediated repression of <i>Hairy</i> regulates insect developmental transition by modulating ecdysone biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
4592	Linking genome variants to disease: scalable approaches to test the functional impact of human mutations. <i>Human Molecular Genetics</i> , 2021, 30, R187-R197.	1.4	27
4593	Neurodegenerative movement disorders: An epigenetics perspective and promise for the future. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 897-909.	1.8	16
4594	Ste20-like Kinase Is Critical for Inhibitory Synapse Maintenance and Its Deficiency Confers a Developmental Dendritopathy. <i>Journal of Neuroscience</i> , 2021, 41, 8111-8125.	1.7	4
4595	Disrupted Timing of MET Signaling Derails the Developmental Maturation of Cortical Circuits and Leads to Altered Behavior in Mice. <i>Cerebral Cortex</i> , 2022, 32, 1769-1786.	1.6	5
4596	Opioid Addiction and Opioid Receptor Dimerization: Structural Modeling of the OPRD1 and OPRM1 Heterodimer and Its Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10290.	1.8	3
4597	The progress of research on histone methylation in ischemic stroke pathogenesis. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 1-8.	1.3	7
4598	Proteomic and transcriptional changes associated with MeCP2 dysfunction reveal nodes for therapeutic intervention in Rett syndrome. <i>Neurochemistry International</i> , 2021, 148, 105076.	1.9	7
4599	Non-cancer-related pathogenic germline variants and expression consequences in ten-thousand cancer genomes. <i>Genome Medicine</i> , 2021, 13, 147.	3.6	4
4600	GABA and glutamate in the preterm neonatal brain: In-vivo measurement by magnetic resonance spectroscopy. <i>NeuroImage</i> , 2021, 238, 118215.	2.1	18

#	ARTICLE	IF	CITATIONS
4601	Methylome-wide association study of early life stressors and adult mental health. <i>Human Molecular Genetics</i> , 2022, 31, 651-664.	1.4	7
4602	Vitamin D deficiency after allogeneic hematopoietic cell transplantation promotes T-cell activation and is inversely associated with an EZH2-ID3 signature. <i>Transplantation and Cellular Therapy</i> , 2021, 28, 18.e1-18.e1.	0.6	4
4603	Disentangling the influences of multiple thalamic nuclei on prefrontal cortex and cognitive control. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 487-510.	2.9	22
4604	The neurogenic niche in Alzheimer's disease. <i>Neuroscience Letters</i> , 2021, 762, 136109.	1.0	7
4605	iPSC toolbox for understanding and repairing disrupted brain circuits in autism. <i>Molecular Psychiatry</i> , 2021, , .	4.1	3
4606	Tonotopic Specializations in Number, Size, and Reversal Potential of GABAergic Inputs Fine-Tune Temporal Coding at Avian Cochlear Nucleus. <i>Journal of Neuroscience</i> , 2021, 41, 8904-8916.	1.7	2
4607	The prevalence of homologous recombination deficiency (HRD) in various solid tumors and the role of HRD as a single biomarker to immune checkpoint inhibitors. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2427-2435.	1.2	5
4608	Movement disorders in patients with Rett syndrome: A systematic review of evidence and associated clinical considerations. <i>Psychiatry and Clinical Neurosciences</i> , 2021, 75, 369-393.	1.0	11
4609	Gephyrin-Lacking PV Synapses on Neocortical Pyramidal Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10032.	1.8	3
4610	Discovery of a first-in-class reversible DNMT1-selective inhibitor with improved tolerability and efficacy in acute myeloid leukemia. <i>Nature Cancer</i> , 2021, 2, 1002-1017.	5.7	99
4611	Cnksr2 loss in mice leads to increased neural activity and behavioral phenotypes of Epilepsy-Aphasia Syndrome. <i>Journal of Neuroscience</i> , 2021, 41, JN-RM-0650-21.	1.7	13
4612	Complexity analysis of the brain activity in Autism Spectrum Disorder (ASD) and Attention Deficit Hyperactivity Disorder (ADHD) due to cognitive loads/demands induced by Aristotle's type of syllogism/reasoning. A Power Spectral Density and multiscale entropy (MSE) analysis. <i>Heliyon</i> , 2021, 7, e07984.	1.4	6
4613	Genomic and evolutionary classification of lung cancer in never smokers. <i>Nature Genetics</i> , 2021, 53, 1348-1359.	9.4	81
4614	The critical period: neurochemical and synaptic mechanisms shared by the visual cortex and the brain stem respiratory system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211025.	1.2	9
4615	Loss of MeCP2 increases GABA uptake by astrocytes to suppress tonic inhibition of CA1 pyramidal neurons. <i>Journal of Neurophysiology</i> , 2021, 126, 1310-1313.	0.9	0
4616	Maternal P7C3-A20 Treatment Protects Offspring from Neuropsychiatric Sequelae of Prenatal Stress. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 511-530.	2.5	7
4617	Kainate receptors regulate the functional properties of young adult-born dentate granule cells. <i>Cell Reports</i> , 2021, 36, 109751.	2.9	6
4618	GABA <sub>A</sub> receptors in GtoPdb v.2021.3. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2021, 2021, .	0.2	3

#	ARTICLE	IF	CITATIONS
4619	Looking for consistency in an uncertain world: test-retest reliability of neurophysiological and behavioral readouts in autism. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 43.	1.5	5
4620	Brain-trait-associated variants impact cell-type-specific gene regulation during neurogenesis. <i>American Journal of Human Genetics</i> , 2021, 108, 1647-1668.	2.6	36
4621	Increasing astrogenesis in the developing hippocampus induces autistic-like behavior in mice via enhancing inhibitory synaptic transmission. <i>Glia</i> , 2022, 70, 106-122.	2.5	13
4622	Deletion of TrkB in parvalbumin interneurons alters cortical neural dynamics. <i>Journal of Cellular Physiology</i> , 2022, 237, 949-964.	2.0	8
4623	Epigenetic regulation in Huntington's disease. <i>Neurochemistry International</i> , 2021, 148, 105074.	1.9	14
4624	The Effects of Gene Variations of GABRA2, GABRB1, GABRG2, GAD1 and SLC1A3 on Patients with Propofol During Anesthesia Induction. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 1185-1192.	0.4	2
4625	Neuroigin-3 and neuroigin-4X form nanoscopic clusters and regulate growth cone organization and size. <i>Human Molecular Genetics</i> , 2022, 31, 674-691.	1.4	4
4626	Functional correction of <i>CFTR</i> mutations in human airway epithelial cells using adenine base editors. <i>Nucleic Acids Research</i> , 2021, 49, 10558-10572.	6.5	25
4627	Whole-Genome Profiles of Malay Colorectal Cancer Patients with Intact MMR Proteins. <i>Genes</i> , 2021, 12, 1448.	1.0	5
4628	Low frequency of treatable pediatric disease alleles in gnomAD: An opportunity for future genomic screening of newborns. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100059.	1.0	3
4629	Adolescent Substance Abuse, Transgenerational Consequences and Epigenetics. <i>Current Neuropharmacology</i> , 2021, 19, 1560-1569.	1.4	13
4630	Defining the nature of human pluripotent stem cell-derived interneurons via single-cell analysis. <i>Stem Cell Reports</i> , 2021, 16, 2548-2564.	2.3	5
4631	Reelin restricts dendritic growth of interneurons in the neocortex. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	7
4632	Corticostriatal Circuit Models of Cognitive Impairments Induced by Fetal Exposure to Alcohol. <i>Biological Psychiatry</i> , 2021, 90, 516-528.	0.7	7
4633	Neural circuit function redundancy in brain disorders. <i>Current Opinion in Neurobiology</i> , 2021, 70, 74-80.	2.0	15
4634	Beyond Genes: Germline Disruption in the Etiology of Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 4608-4624.	1.7	6
4635	Targeted genomic analysis of 364 adrenocortical carcinomas. <i>Endocrine-Related Cancer</i> , 2021, 28, 671-681.	1.6	13
4636	Vorinostat, a histone deacetylase inhibitor, ameliorates the sociability and cognitive memory in an Ash1L-deletion-induced ASD/ID mouse model. <i>Neuroscience Letters</i> , 2021, 764, 136241.	1.0	5

#	ARTICLE	IF	CITATIONS
4637	Mini review: The relationship between energy status and adult hippocampal neurogenesis. <i>Neuroscience Letters</i> , 2021, 765, 136261.	1.0	13
4638	Deleting <i>Mecp2</i> from the cerebellum rather than its neuronal subtypes causes a delay in motor learning in mice. <i>ELife</i> , 2021, 10, .	2.8	14
4639	Erythropoietin Stimulates GABAergic Maturation in the Mouse Hippocampus. <i>ENeuro</i> , 2021, 8, ENEURO.0006-21.2021.	0.9	11
4640	A GRM7 mutation associated with developmental delay reduces mGlu7 expression and produces neurological phenotypes. <i>JCI Insight</i> , 2021, 6, .	2.3	10
4641	Ontogeny of adult neural stem cells in the mammalian brain. <i>Current Topics in Developmental Biology</i> , 2021, 142, 67-98.	1.0	27
4642	Genome-wide association study of febrile seizures implicates fever response and neuronal excitability genes. <i>Brain</i> , 2022, 145, 555-568.	3.7	29
4643	Low- and High-resolution Dynamic Analyses for Magnetic Resonance Spectroscopy Data. <i>Bio-protocol</i> , 2021, 11, e3892.	0.2	0
4644	A Role for Vasoactive Intestinal Peptide Interneurons in Neurodevelopmental Disorders. <i>Developmental Neuroscience</i> , 2021, 43, 168-180.	1.0	11
4645	Investigation of Schizophrenia with Human Induced Pluripotent Stem Cells. <i>Advances in Neurobiology</i> , 2020, 25, 155-206.	1.3	11
4646	Managing the genomic revolution in cancer diagnostics. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 471, 175-194.	1.4	3
4647	Altered GABA Concentration in Brain Motor Area Is Associated with the Severity of Motor Disabilities in Individuals with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 2710-2722.	1.7	16
4648	Distinct Thalamic Reticular Cell Types Differentially Modulate Normal and Pathological Cortical Rhythms. <i>Cell Reports</i> , 2017, 19, 2130-2142.	2.9	150
4649	CRISPR-Cas systems: Overview, innovations and applications in human disease research and gene therapy. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2401-2415.	1.9	100
4650	The Emerging Field of Noncoding RNAs and Their Importance in Pediatric Diseases. <i>Journal of Pediatrics</i> , 2020, 221, S11-S19.	0.9	2
4651	Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. <i>Neuron</i> , 2020, 106, 37-65.e5.	3.8	109
4652	A review of altered biochemistry in the anterior cingulate cortex of first-episode psychosis. <i>Epidemiology and Psychiatric Sciences</i> , 2017, 26, 122-128.	1.8	12
4653	Development of a high-throughput fluorescence polarization assay for the discovery of EZH2-EED interaction inhibitors. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 302-310.	2.8	19
4654	Chromatin dependencies in cancer and inflammation. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 245-261.	16.1	64

#	ARTICLE	IF	CITATIONS
4655	A truncating Aspm allele leads to a complex cognitive phenotype and region-specific reductions in parvalbuminergic neurons. <i>Translational Psychiatry</i> , 2020, 10, 66.	2.4	11
4656	Modeling medulloblastoma in vivo and with human cerebellar organoids. <i>Nature Communications</i> , 2020, 11, 583.	5.8	105
4657	A novel de novo variant of GABRA1 causes increased sensitivity for GABA in vitro. <i>Scientific Reports</i> , 2020, 10, 2379.	1.6	18
4658	Base editors: modular tools for the introduction of point mutations in living cells. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 483-491.	1.1	15
4659	Reelin secretion from glutamatergic neurons in culture is independent from neurotransmitter regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3556-61.	3.3	57
4660	Colocalization of integrin receptors and reelin in dendritic spine postsynaptic densities of adult nonhuman primate cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3550-5.	3.3	117
4661	Neuronal Lhx1 expression is regulated by DNMT1-dependent modulation of histone marks. <i>Epigenetics</i> , 2020, 15, 1259-1274.	1.3	29
4662	Ecm29-mediated proteasomal distribution modulates excitatory GABA responses in the developing brain. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	12
4663	Convection-Enhanced Delivery of Enhancer of Zeste Homolog-2 (EZH2) Inhibitor for the Treatment of Diffuse Intrinsic Pontine Glioma. <i>Neurosurgery</i> , 2020, 87, E680-E688.	0.6	11
4664	Androgenic Modulation of the Chloride Transporter NKCC1 Contributes to Age-dependent Isoflurane Neurotoxicity in Male Rats. <i>Anesthesiology</i> , 2020, 133, 852-866.	1.3	11
4665	Methylated glutamate receptor coagonist availability affects behavioral and neurochemical responses to cocaine: insights into comorbid schizophrenia and substance abuse. <i>Addiction Biology</i> , 2019, 24, 40-50.	1.4	16
4666	Structure, Function, and Pharmacology of Glutamate Receptor Ion Channels. <i>Pharmacological Reviews</i> , 2021, 73, 1469-1658.	7.1	237
4667	Genomic Alterations during the In Situ to Invasive Ductal Breast Carcinoma Transition Shaped by the Immune System. <i>Molecular Cancer Research</i> , 2021, 19, 623-635.	1.5	24
4668	Polycomb repressive complex 2 is a critical mediator of allergic inflammation. <i>JCI Insight</i> , 2019, 4, .	2.3	16
4669	Fbxw7 increases CCL2/7 in CX3CR1hi macrophages to promote intestinal inflammation. <i>Journal of Clinical Investigation</i> , 2019, 129, 3877-3893.	3.9	79
4670	LRP: a bright beacon at the blood-brain barrier. <i>Journal of Clinical Investigation</i> , 2003, 112, 1483-1485.	3.9	50
4671	Genetic mouse models of essential tremor: are they essential?. <i>Journal of Clinical Investigation</i> , 2005, 115, 584-586.	3.9	31
4672	Inherited disorders of voltage-gated sodium channels. <i>Journal of Clinical Investigation</i> , 2005, 115, 1990-1999.	3.9	325

#	ARTICLE	IF	CITATIONS
4673	MECP2 disorders: from the clinic to mice and back. <i>Journal of Clinical Investigation</i> , 2015, 125, 2914-2923.	3.9	172
4674	CRISPR-Cas9 screen reveals a MYCN-amplified neuroblastoma dependency on EZH2. <i>Journal of Clinical Investigation</i> , 2017, 128, 446-462.	3.9	117
4675	AKT-mediated stabilization of histone methyltransferase WHSC1 promotes prostate cancer metastasis. <i>Journal of Clinical Investigation</i> , 2017, 127, 1284-1302.	3.9	87
4676	Prolonged human neural stem cell maturation supports recovery in injured rodent CNS. <i>Journal of Clinical Investigation</i> , 2017, 127, 3287-3299.	3.9	98
4677	Critical roles of $\beta$ -II spectrin in brain development and epileptic encephalopathy. <i>Journal of Clinical Investigation</i> , 2018, 128, 760-773.	3.9	52
4678	Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease. <i>Journal of Clinical Investigation</i> , 2017, 128, 483-499.	3.9	88
4679	Notch-effector CSL promotes squamous cell carcinoma by repressing histone demethylase KDM6B. <i>Journal of Clinical Investigation</i> , 2018, 128, 2581-2599.	3.9	24
4680	Follicular lymphoma-associated mutations in vacuolar ATPase ATP6V1B2 activate autophagic flux and mTOR. <i>Journal of Clinical Investigation</i> , 2019, 129, 1626-1640.	3.9	23
4681	A Brain-Centric Model of Suicidal Behavior. <i>American Journal of Psychiatry</i> , 2020, 177, 902-916.	4.0	94
4682	Autism Spectrum Disorders: Multiple Routes to, and Multiple Consequences of, Abnormal Synaptic Function and Connectivity. <i>Neuroscientist</i> , 2021, 27, 10-29.	2.6	37
4683	Computational identification of deleterious synonymous variants in human genomes using a feature-based approach. <i>BMC Medical Genomics</i> , 2019, 12, 12.	0.7	47
4684	EZH2 inhibitors-mediated epigenetic reactivation of FOSB inhibits triple-negative breast cancer progress. <i>Cancer Cell International</i> , 2020, 20, 175.	1.8	15
4685	Analysis of neurodegenerative disease-causing genes in dementia with Lewy bodies. <i>Acta Neuropathologica Communications</i> , 2020, 8, 5.	2.4	27
4686	Contribution of Inherited DNA-Repair Gene Mutations to Hormone-Sensitive and Castrate-Resistant Metastatic Prostate Cancer and Implications for Clinical Outcome. <i>JCO Precision Oncology</i> , 2019, 3, 1-12.	1.5	13
4687	Therapeutic Potential of Transcranial Focused Ultrasound for Rett Syndrome. <i>Medical Science Monitor</i> , 2016, 22, 4026-4029.	0.5	3
4688	Recent advances in predicting gene-disease associations. <i>F1000Research</i> , 2017, 6, 578.	0.8	36
4689	Associative memory cells and their working principle in the brain. <i>F1000Research</i> , 2018, 7, 108.	0.8	29
4690	Clinotator: analyzing ClinVar variation reports to prioritize reclassification efforts. <i>F1000Research</i> , 2018, 7, 462.	0.8	3

#	ARTICLE	IF	CITATIONS
4691	Out of sight, out of mind? Germ cells and the potential impacts of epigenomic drugs. F1000Research, 2018, 7, 1967.	0.8	9
4692	Searching basic units in memory traces: associative memory cells. F1000Research, 2019, 8, 457.	0.8	9
4693	MetaNetVar: Pipeline for applying network analysis tools for genomic variants analysis. F1000Research, 2016, 5, 674.	0.8	3
4694	Disinhibition, an emerging pharmacology of learning and memory. F1000Research, 2017, 6, 101.	0.8	33
4695	The Epigenetic Mechanisms of Amphetamine. Journal of Addiction & Prevention, 2015, S1, .	2.0	7
4696	Effective demethylation of melanoma cells using terahertz radiation. Biomedical Optics Express, 2019, 10, 4931.	1.5	35
4697	Cdk5 Regulates Accurate Maturation of Newborn Granule Cells in the Adult Hippocampus. PLoS Biology, 2008, 6, e272.	2.6	112
4698	EBV epigenetically suppresses the B cell-to-plasma cell differentiation pathway while establishing long-term latency. PLoS Biology, 2017, 15, e2001992.	2.6	50
4699	Neurotransmitter-mediated activity spatially controls neuronal migration in the zebrafish cerebellum. PLoS Biology, 2018, 16, e2002226.	2.6	14
4700	Inferring Neuronal Dynamics from Calcium Imaging Data Using Biophysical Models and Bayesian Inference. PLoS Computational Biology, 2016, 12, e1004736.	1.5	41
4701	Combined Changes in Chloride Regulation and Neuronal Excitability Enable Primary Afferent Depolarization to Elicit Spiking without Compromising its Inhibitory Effects. PLoS Computational Biology, 2016, 12, e1005215.	1.5	16
4702	An aggregation-removal model for the formation and size determination of post-synaptic scaffold domains. PLoS Computational Biology, 2017, 13, e1005516.	1.5	19
4703	Recurrently connected and localized neuronal communities initiate coordinated spontaneous activity in neuronal networks. PLoS Computational Biology, 2017, 13, e1005672.	1.5	51
4704	Inherited Disease Genetics Improves the Identification of Cancer-Associated Genes. PLoS Genetics, 2016, 12, e1006081.	1.5	14
4705	Epigenetics in Cancer: A Hematological Perspective. PLoS Genetics, 2016, 12, e1006193.	1.5	77
4706	Clinically severe CACNA1A alleles affect synaptic function and neurodegeneration differentially. PLoS Genetics, 2017, 13, e1006905.	1.5	80
4707	RhoGEF9 splice isoforms influence neuronal maturation and synapse formation downstream of $\hat{1}\pm 2$ GABAA receptors. PLoS Genetics, 2017, 13, e1007073.	1.5	16
4708	CAD1 mRNA Expression and DNA Methylation in Prefrontal Cortex of Subjects with Schizophrenia. PLoS ONE, 2007, 2, e809.	1.1	192

#	ARTICLE	IF	CITATIONS
4709	DNA Methylation in the Human Cerebral Cortex Is Dynamically Regulated throughout the Life Span and Involves Differentiated Neurons. PLoS ONE, 2007, 2, e895.	1.1	375
4710	Patterns of Neurogenesis and Amplitude of Reelin Expression Are Essential for Making a Mammalian-Type Cortex. PLoS ONE, 2008, 3, e1454.	1.1	73
4711	The Inhibitory Effects of Npas4 on Seizures in Pilocarpine-Induced Epileptic Rats. PLoS ONE, 2014, 9, e115801.	1.1	14
4712	Direct but No Transgenerational Effects of Decitabine and Vorinostat on Male Fertility. PLoS ONE, 2015, 10, e0117839.	1.1	15
4713	Antibodies to Inhibitory Synaptic Proteins in Neurological Syndromes Associated with Glutamic Acid Decarboxylase Autoimmunity. PLoS ONE, 2015, 10, e0121364.	1.1	127
4714	Functional Characterization of D9, a Novel Deazaneplanocin A (DZNep) Analog, in Targeting Acute Myeloid Leukemia (AML). PLoS ONE, 2015, 10, e0122983.	1.1	18
4715	Temperament Type Specific Metabolite Profiles of the Prefrontal Cortex and Serum in Cattle. PLoS ONE, 2015, 10, e0125044.	1.1	17
4716	Allopregnanolone Preclinical Acute Pharmacokinetic and Pharmacodynamic Studies to Predict Tolerability and Efficacy for Alzheimer's Disease. PLoS ONE, 2015, 10, e0128313.	1.1	39
4717	A Pooled Genome-Wide Association Study of Asperger Syndrome. PLoS ONE, 2015, 10, e0131202.	1.1	10
4718	Stronger Neural Modulation by Visual Motion Intensity in Autism Spectrum Disorders. PLoS ONE, 2015, 10, e0132531.	1.1	24
4719	Comprehensive Analysis of the 16p11.2 Deletion and Null Cntnap2 Mouse Models of Autism Spectrum Disorder. PLoS ONE, 2015, 10, e0134572.	1.1	85
4720	Human Neural Cells Transiently Express Reelin during Olfactory Placode Development. PLoS ONE, 2015, 10, e0135710.	1.1	6
4721	Social Behavioral Deficits Coincide with the Onset of Seizure Susceptibility in Mice Lacking Serotonin Receptor 2c. PLoS ONE, 2015, 10, e0136494.	1.1	27
4722	Regulation of GABA Equilibrium Potential by mGluRs in Rat Hippocampal CA1 Neurons. PLoS ONE, 2015, 10, e0138215.	1.1	9
4723	Long-Term Fate Mapping Using Conditional Lentiviral Vectors Reveals a Continuous Contribution of Radial Glia-Like Cells to Adult Hippocampal Neurogenesis in Mice. PLoS ONE, 2015, 10, e0143772.	1.1	11
4724	Reactive Transformation and Increased BDNF Signaling by Hippocampal Astrocytes in Response to MK-801. PLoS ONE, 2015, 10, e0145651.	1.1	21
4725	Mutation of the CH1 Domain in the Histone Acetyltransferase CREBBP Results in Autism-Relevant Behaviors in Mice. PLoS ONE, 2016, 11, e0146366.	1.1	19
4726	GAD2 Alternative Transcripts in the Human Prefrontal Cortex, and in Schizophrenia and Affective Disorders. PLoS ONE, 2016, 11, e0148558.	1.1	22

#	ARTICLE	IF	CITATIONS
4727	Dietary Restriction Affects Neuronal Response Property and GABA Synthesis in the Primary Visual Cortex. PLoS ONE, 2016, 11, e0149004.	1.1	15
4728	Functional and Biochemical Characterization of <i>Alvinella pompejana</i> Cys-Loop Receptor Homologues. PLoS ONE, 2016, 11, e0151183.	1.1	4
4729	Decreased DNA Methylation in the Shati/Nat8l Promoter in Both Patients with Schizophrenia and a Methamphetamine-Induced Murine Model of Schizophrenia-Like Phenotype. PLoS ONE, 2016, 11, e0157959.	1.1	9
4730	Driving the Model to Its Limit: Profile Likelihood Based Model Reduction. PLoS ONE, 2016, 11, e0162366.	1.1	79
4731	Deleterious Rare Variants Reveal Risk for Loss of GABAA Receptor Function in Patients with Genetic Epilepsy and in the General Population. PLoS ONE, 2016, 11, e0162883.	1.1	27
4732	Germline Variants of Prostate Cancer in Japanese Families. PLoS ONE, 2016, 11, e0164233.	1.1	21
4733	An Alternative Approach to ChIP-Seq Normalization Enables Detection of Genome-Wide Changes in Histone H3 Lysine 27 Trimethylation upon EZH2 Inhibition. PLoS ONE, 2016, 11, e0166438.	1.1	108
4734	A Chimera Na <sup>+</sup> -Pump Rhodopsin as an Effective Optogenetic Silencer. PLoS ONE, 2016, 11, e0166820.	1.1	28
4735	Developmental Stage, Muscle and Genetic Type Modify Muscle Transcriptome in Pigs: Effects on Gene Expression and Regulatory Factors Involved in Growth and Metabolism. PLoS ONE, 2016, 11, e0167858.	1.1	56
4736	Role for <i>Egr1</i> in the Transcriptional Program Associated with Neuronal Differentiation of PC12 Cells. PLoS ONE, 2017, 12, e0170076.	1.1	18
4737	Ketogenic diet improves behaviors in a maternal immune activation model of autism spectrum disorder. PLoS ONE, 2017, 12, e0171643.	1.1	80
4738	Comprehensive characterization of DNA methylation changes in Fuchs endothelial corneal dystrophy. PLoS ONE, 2017, 12, e0175112.	1.1	26
4739	BIG1 is required for the survival of deep layer neurons, neuronal polarity, and the formation of axonal tracts between the thalamus and neocortex in developing brain. PLoS ONE, 2017, 12, e0175888.	1.1	11
4740	Multi-level characterization of balanced inhibitory-excitatory cortical neuron network derived from human pluripotent stem cells. PLoS ONE, 2017, 12, e0178533.	1.1	28
4741	Comparative analysis of genes frequently regulated by drugs based on connectivity map transcriptome data. PLoS ONE, 2017, 12, e0179037.	1.1	11
4742	Molecular cloning and biochemical characterization of two cation chloride cotransporter subfamily members of <i>Hydra vulgaris</i> . PLoS ONE, 2017, 12, e0179968.	1.1	9
4743	Loss of <i>Neuroigin3</i> specifically downregulates retinal GABA <sub>A</sub> ±2 receptors without abolishing direction selectivity. PLoS ONE, 2017, 12, e0181011.	1.1	8
4744	Increased signaling by the autism-related <i>Engrailed-2</i> protein enhances dendritic branching and spine density, alters synaptic structural matching, and exaggerates protein synthesis. PLoS ONE, 2017, 12, e0181350.	1.1	16

#	ARTICLE	IF	CITATIONS
4745	Glutamate/GABA+ ratio is associated with the psychosocial domain of autistic and schizotypal traits. PLoS ONE, 2017, 12, e0181961.	1.1	37
4746	Exome sequencing in schizophrenic patients with high levels of homozygosity identifies novel and extremely rare mutations in the GABA/glutamatergic pathways. PLoS ONE, 2017, 12, e0182778.	1.1	14
4747	Whole gene sequencing identifies deep-intronic variants with potential functional impact in patients with hypertrophic cardiomyopathy. PLoS ONE, 2017, 12, e0182946.	1.1	41
4748	Early postnatal vocalizations predict sociability and spatial memory in C57BL/6J mice: Individual differences in behavioral traits emerge early in development. PLoS ONE, 2017, 12, e0186798.	1.1	10
4749	Mathematical model of early Reelin-induced Src family kinase-mediated signaling. PLoS ONE, 2017, 12, e0186927.	1.1	10
4750	Selection and classification of gene expression in autism disorder: Use of a combination of statistical filters and a GBPSO-SVM algorithm. PLoS ONE, 2017, 12, e0187371.	1.1	27
4751	Overexpression of transmembrane protein 168 in the mouse nucleus accumbens induces anxiety and sensorimotor gating deficit. PLoS ONE, 2017, 12, e0189006.	1.1	18
4752	Probing the putative $\beta$ 7 nAChR/NMDAR complex in human and murine cortex and hippocampus: Different degrees of complex formation in healthy and Alzheimer brain tissue. PLoS ONE, 2017, 12, e0189513.	1.1	8
4753	GABAergic mechanisms involved in the prepulse inhibition of auditory evoked cortical responses in humans. PLoS ONE, 2018, 13, e0190481.	1.1	18
4754	Effects of germline and somatic events in candidate BRCA-like genes on breast-tumor signatures. PLoS ONE, 2020, 15, e0239197.	1.1	13
4755	KDM6A addiction of cervical carcinoma cell lines is triggered by E7 and mediated by p21CIP1 suppression of replication stress. PLoS Pathogens, 2017, 13, e1006661.	2.1	31
4756	Meta-analysis of 12 genomic studies in bipolar disorder. Journal of Molecular Neuroscience, 2007, 31, 221-243.	1.1	69
4757	Effects of senescence on the expression of BDNF and TrkB receptor in the lateral geniculate nucleus of cats. Zoological Research, 2015, 36, 48-53.	0.6	4
4758	Abnormal Astrocytosis in the Basal Ganglia Pathway of <i>Cit1<sup>+/+</sup></i> Mice. Molecules and Cells, 2015, 38, 540-547.	1.0	7
4759	Impaired Hippocampal Synaptic Plasticity and Enhanced Excitatory Transmission in a Novel Animal Model of Autism Spectrum Disorders with Telomerase Reverse Transcriptase Overexpression. Molecules and Cells, 2018, 41, 486-494.	1.0	13
4760	Splice Site Variants in the KCNQ1 and SCN5A Genes: Transcript Analysis as a Tool in Supporting Pathogenicity. Journal of Clinical Medicine Research, 2017, 9, 709-718.	0.6	4
4761	Vulnerability of synapses in the frontal cortex of mice developmentally exposed to an insecticide: Potential contribution to neuropsychiatric disease. Neurotransmitter (Houston, Tex ), 2015, 2, .	1.2	3
4762	Contribution of Resting Conductance, GABA <sub>A</sub> -Receptor Mediated Miniature Synaptic Currents and Neurosteroid to Chloride Homeostasis in Central Neurons. ENeuro, 2017, 4, ENEURO.0019-17.2017.	0.9	14

#	ARTICLE	IF	CITATIONS
4763	Transcriptional Profiling of Newly Generated Dentate Granule Cells Using TU Tagging Reveals Pattern Shifts in Gene Expression during Circuit Integration. <i>ENeuro</i> , 2016, 3, ENEURO.0024-16.2016.	0.9	20
4764	Sequences Flanking the Gephyrin-Binding Site of GlyR <sup>2</sup> Tune Receptor Stabilization at Synapses. <i>ENeuro</i> , 2018, 5, ENEURO.0042-17.2018.	0.9	18
4765	Hepatocyte Growth Factor Modulates MET Receptor Tyrosine Kinase and $\beta$ -Catenin Functional Interactions to Enhance Synapse Formation. <i>ENeuro</i> , 2016, 3, ENEURO.0074-16.2016.	0.9	17
4766	Loss of <i>Mecp2</i> Causes Atypical Synaptic and Molecular Plasticity of Parvalbumin-Expressing Interneurons Reflecting Rett Syndrome-Like Sensorimotor Defects. <i>ENeuro</i> , 2018, 5, ENEURO.0086-18.2018.	0.9	36
4767	<i>Mecp2</i> Deletion from Cholinergic Neurons Selectively Impairs Recognition Memory and Disrupts Cholinergic Modulation of the Perirhinal Cortex. <i>ENeuro</i> , 2019, 6, ENEURO.0134-19.2019.	0.9	14
4768	Development of GABAergic Inputs Is Not Altered in Early Maturation of Adult Born Dentate Granule Neurons in Fragile X Mice. <i>ENeuro</i> , 2018, 5, ENEURO.0137-18.2018.	0.9	8
4769	Developmental Disruption of GABA <sub>A</sub> -Mediated Inhibition in <i>Cntnap2</i> KO Mice. <i>ENeuro</i> , 2017, 4, ENEURO.0162-17.2017.	0.9	32
4770	Vitamin D Supplementation Rescues Aberrant NF- $\kappa$ B Pathway Activation and Partially Ameliorates Rett Syndrome Phenotypes in <i>Mecp2</i> Mutant Mice. <i>ENeuro</i> , 2020, 7, ENEURO.0167-20.2020.	0.9	12
4771	Altered Chloride Homeostasis Decreases the Action Potential Threshold and Increases Hyperexcitability in Hippocampal Neurons. <i>ENeuro</i> , 2017, 4, ENEURO.0172-17.2017.	0.9	24
4772	Activation-Dependent Rapid Postsynaptic Clustering of Glycine Receptors in Mature Spinal Cord Neurons. <i>ENeuro</i> , 2017, 4, ENEURO.0194-16.2017.	0.9	7
4773	Impaired Reliability and Precision of Spiking in Adults But Not Juveniles in a Mouse Model of Fragile X Syndrome. <i>ENeuro</i> , 2019, 6, ENEURO.0217-19.2019.	0.9	5
4774	Altered Channel Conductance States and Gating of GABA <sub>A</sub> Receptors by a Pore Mutation Linked to Dravet Syndrome. <i>ENeuro</i> , 2017, 4, ENEURO.0251-16.2017.	0.9	26
4775	Distal Dendritic Enrichment of HCN1 Channels in Hippocampal CA1 Is Promoted by Estrogen, but Does Not Require Reelin. <i>ENeuro</i> , 2018, 5, ENEURO.0258-18.2018.	0.9	12
4776	Role of the K <sup>+</sup> -Cl <sup>-</sup> Cotransporter KCC2a Isoform in Mammalian Respiration at Birth. <i>ENeuro</i> , 2018, 5, ENEURO.0264-18.2018.	0.9	19
4777	Impaired Interneuron Development in a Novel Model of Neonatal Brain Injury. <i>ENeuro</i> , 2019, 6, ENEURO.0300-18.2019.	0.9	34
4778	Synaptic Inhibition in Avian Interaural Level Difference Sound Localizing Neurons. <i>ENeuro</i> , 2016, 3, ENEURO.0309-16.2016.	0.9	8
4779	Amyloid Precursor Protein (APP) Controls the Expression of the Transcriptional Activator Neuronal PAS Domain Protein 4 (NPAS4) and Synaptic GABA Release. <i>ENeuro</i> , 2020, 7, ENEURO.0322-19.2020.	0.9	24
4780	Early Restoration of <i>Shank3</i> Expression in <i>Shank3</i> Knock-Out Mice Prevents Core ASD-Like Behavioral Phenotypes. <i>ENeuro</i> , 2020, 7, ENEURO.0332-19.2020.	0.9	26

#	ARTICLE	IF	CITATIONS
4781	Neuregulin 1 Type I Overexpression Is Associated with Reduced NMDA Receptor-Mediated Synaptic Signaling in Hippocampal Interneurons Expressing PV or CCK. <i>ENeuro</i> , 2018, 5, ENEURO.0418-17.2018.	0.9	27
4782	The Pharmacological Assessment of GABA <sub>A</sub> Receptor Activation in Experimental Febrile Seizures in Mice. <i>ENeuro</i> , 2019, 6, ENEURO.0429-18.2019.	0.9	13
4783	Molecular Profiling Defines Evolutionarily Conserved Transcription Factor Signatures of Major Vestibulospinal Neuron Groups. <i>ENeuro</i> , 2019, 6, ENEURO.0475-18.2019.	0.9	21
4784	Lateralized Expression of Cortical Perineuronal Nets during Maternal Experience is Dependent on MECP2. <i>ENeuro</i> , 2020, 7, ENEURO.0500-19.2020.	0.9	11
4785	Propagation of Neocortical Inputs in the Perirhinal Cortex. <i>Journal of Neuroscience</i> , 2001, 21, 2878-2888.	1.7	44
4786	Cystatin B is essential for proliferation and interneuron migration in individuals with <scp>EPM</scp> 1 epilepsy. <i>EMBO Molecular Medicine</i> , 2020, 12, e11419.	3.3	32
4787	Pharmacological reversal of synaptic and network pathology in human <i>MECP2</i> $\alpha$ KO neurons and cortical organoids. <i>EMBO Molecular Medicine</i> , 2021, 13, e12523.	3.3	53
4788	Brain Derived Neurotrophic Factor Modification of Epileptiform Burst Discharges in a Temporal Lobe Epilepsy Model. <i>Basic and Clinical Neuroscience</i> , 2016, 7, 115-20.	0.3	10
4789	Protective Effects of Proline-Rich Peptide in a Rat Model of Alzheimer Disease: An Electrophysiological Study. <i>Basic and Clinical Neuroscience</i> , 2017, 8, 5-12.	0.3	2
4790	Helicobacter pylori Induces Hypermethylation of CpG Islands Through Upregulation of DNA Methyltransferase: Possible Involvement of Reactive Oxygen/Nitrogen Species. <i>Journal of Cancer Prevention</i> , 2014, 19, 259-264.	0.8	19
4791	The epigenetic landscape of clear-cell renal cell carcinoma. <i>Journal of Kidney Cancer and VHL</i> , 2015, 2, 90-104.	0.2	7
4792	USP7 deubiquitinates and stabilizes EZH2 in prostate cancer cells. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190338.	0.6	30
4793	Biology and Treatment of Rhabdoid Tumor. <i>Critical Reviews in Oncogenesis</i> , 2015, 20, 199-216.	0.2	89
4794	Osteosarcoma Genetics and Epigenetics: Emerging Biology and Candidate Therapies. <i>Critical Reviews in Oncogenesis</i> , 2015, 20, 173-197.	0.2	126
4795	Results and promises of genetics of cognitive impairment in schizophrenia: epigenetic approaches. <i>Zhurnal Nevrologii i Psikiatrii Imeni S S Korsakova</i> , 2017, 117, 130.	0.1	2
4796	Tumor suppressor maspin as a modulator of host immune response to cancer. <i>Bosnian Journal of Basic Medical Sciences</i> , 2015, 15, 1-6.	0.6	19
4797	Exploring the Genetic Diversity of Isolated Hypogonadotropic Hypogonadism and Its Phenotypic Spectrum: A Case Series. <i>Journal of Reproduction and Infertility</i> , 2021, 22, 38-46.	1.0	3
4798	Association of genes with phenotype in autism spectrum disorder. <i>Aging</i> , 2019, 11, 10742-10770.	1.4	23

#	ARTICLE	IF	CITATIONS
4799	Melanoma brain colonization involves the emergence of a brain-adaptive phenotype. <i>Oncoscience</i> , 2014, 1, 82-94.	0.9	39
4800	In silico and experimental analyses predict the therapeutic value of an EZH2 inhibitor GSK343 against hepatocellular carcinoma through the induction of metallothionein genes. <i>Oncoscience</i> , 2016, 3, 9-20.	0.9	16
4801	EZH2 inhibition re-sensitizes multidrug resistant B-cell lymphomas to etoposide mediated apoptosis. <i>Oncoscience</i> , 2016, 3, 21-30.	0.9	10
4802	Epimutational profile of hematologic malignancies as attractive target for new epigenetic therapies. <i>Oncotarget</i> , 2016, 7, 57327-57350.	0.8	24
4803	EZH2-mediated <i>Puma</i> gene repression regulates non-small cell lung cancer cell proliferation and cisplatin-induced apoptosis. <i>Oncotarget</i> , 2016, 7, 56338-56354.	0.8	41
4804	A bivalent promoter contributes to stress-induced plasticity of CXCR4 in Ewing sarcoma. <i>Oncotarget</i> , 2016, 7, 61775-61788.	0.8	16
4805	EZH2 inhibition promotes epithelial-to-mesenchymal transition in ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 84453-84467.	0.8	57
4806	Large variety in a panel of human colon cancer organoids in response to EZH2 inhibition. <i>Oncotarget</i> , 2016, 7, 69816-69828.	0.8	23
4807	Epigenetic regulation of cancer biology and anti-tumor immunity by EZH2. <i>Oncotarget</i> , 2016, 7, 85624-85640.	0.8	44
4808	Integrated bioinformatics analysis of chromatin regulator EZH2 in regulating mRNA and lncRNA expression by ChIP sequencing and RNA sequencing. <i>Oncotarget</i> , 2016, 7, 81715-81726.	0.8	7
4809	Genetic and epigenetic characterization of the BRCA1 gene in Brazilian women at-risk for hereditary breast cancer. <i>Oncotarget</i> , 2017, 8, 2850-2862.	0.8	4
4810	Blocking EZH2 methylation transferase activity by GSK126 decreases stem cell-like myeloma cells. <i>Oncotarget</i> , 2017, 8, 3396-3411.	0.8	59
4811	Knockdown of RNF2 induces cell cycle arrest and apoptosis in prostate cancer cells through the upregulation of TXNIP. <i>Oncotarget</i> , 2017, 8, 5323-5338.	0.8	35
4812	Epigenetic therapy with inhibitors of histone methylation suppresses DNA damage signaling and increases glioma cell radiosensitivity. <i>Oncotarget</i> , 2017, 8, 24518-24532.	0.8	41
4813	Oncogenic histone methyltransferase EZH2: A novel prognostic marker with therapeutic potential in endometrial cancer. <i>Oncotarget</i> , 2017, 8, 40402-40411.	0.8	52
4814	Role of EZH2 in cancer stem cells: from biological insight to a therapeutic target. <i>Oncotarget</i> , 2017, 8, 37974-37990.	0.8	61
4815	<i>HABP2</i> p.G534E variant in patients with family history of thyroid and breast cancer. <i>Oncotarget</i> , 2017, 8, 40896-40905.	0.8	7
4816	Functional and therapeutic significance of EZH2 in urological cancers. <i>Oncotarget</i> , 2017, 8, 38044-38055.	0.8	21

#	ARTICLE	IF	CITATIONS
4817	Melatonin exerts anti-oral cancer effect via suppressing LSD1 in patient-derived tumor xenograft models. <i>Oncotarget</i> , 2017, 8, 33756-33769.	0.8	39
4818	Histone demethylase JMJD3 regulates CD11a expression through changes in histone H3K27 tri-methylation levels in CD4+ T cells of patients with systemic lupus erythematosus. <i>Oncotarget</i> , 2017, 8, 48938-48947.	0.8	25
4819	Activity modifies adult brain maturity. <i>Oncotarget</i> , 2017, 8, 46708-46709.	0.8	2
4820	The H3K27me3-demethylase KDM6A is suppressed in breast cancer stem-like cells, and enables the resolution of bivalency during the mesenchymal-epithelial transition. <i>Oncotarget</i> , 2017, 8, 65548-65565.	0.8	49
4821	Modulation of the Fanconi anemia pathway <i>via</i> chemically induced changes in chromatin structure. <i>Oncotarget</i> , 2017, 8, 76443-76457.	0.8	6
4822	The histone methyltransferase EZH2 as a druggable target in SHH medulloblastoma cancer stem cells. <i>Oncotarget</i> , 2017, 8, 68557-68570.	0.8	49
4823	SWI/SNF aberrations sensitize pancreatic cancer cells to DNA crosslinking agents. <i>Oncotarget</i> , 2018, 9, 9608-9617.	0.8	10
4824	The EZH2 inhibitor GSK343 suppresses cancer stem-like phenotypes and reverses mesenchymal transition in glioma cells. <i>Oncotarget</i> , 2017, 8, 98348-98359.	0.8	57
4825	Combinatorial effects of an epigenetic inhibitor and ionizing radiation contribute to targeted elimination of pancreatic cancer stem cell. <i>Oncotarget</i> , 2017, 8, 89005-89020.	0.8	26
4826	DNMT1 ablation suppresses tumorigenesis by inhibiting the self-renewal of esophageal cancer stem cells. <i>Oncotarget</i> , 2018, 9, 18896-18907.	0.8	14
4827	Prominent role of histone lysine demethylases in cancer epigenetics and therapy. <i>Oncotarget</i> , 2018, 9, 34429-34448.	0.8	15
4829	EZH2 inhibitors sensitize myeloma cell lines to panobinostat resulting in unique combinatorial transcriptomic changes. <i>Oncotarget</i> , 2018, 9, 21930-21942.	0.8	24
4830	A new metabolic gene signature in prostate cancer regulated by JMJD3 and EZH2. <i>Oncotarget</i> , 2018, 9, 23413-23425.	0.8	27
4831	Limitations of current <i>in vitro</i> models for testing the clinical potential of epigenetic inhibitors for treatment of pediatric ependymoma. <i>Oncotarget</i> , 2018, 9, 36530-36541.	0.8	7
4832	Top2a identifies and provides epigenetic rationale for novel combination therapeutic strategies for aggressive prostate cancer. <i>Oncotarget</i> , 2015, 6, 3136-3146.	0.8	50
4833	HDAC1,2 inhibition impairs EZH2- and BBAP- mediated DNA repair to overcome chemoresistance in EZH2 gain-of-function mutant diffuse large B-cell lymphoma. <i>Oncotarget</i> , 2015, 6, 4863-4887.	0.8	35
4834	Immunohistochemical and genomic profiles of diffuse large B-cell lymphomas: Implications for targeted EZH2 inhibitor therapy?. <i>Oncotarget</i> , 2015, 6, 16712-16724.	0.8	32
4835	Manipulation of prostate cancer metastasis by locus-specific modification of the CRMP4 promoter region using chimeric TALE DNA methyltransferase and demethylase. <i>Oncotarget</i> , 2015, 6, 10030-10044.	0.8	35

#	ARTICLE	IF	CITATIONS
4836	An open-label, single-arm, phase I/II study of lower-dose decitabine based therapy in patients with advanced hepatocellular carcinoma. <i>Oncotarget</i> , 2015, 6, 16698-16711.	0.8	36
4837	Brain development is impaired in <i>c-fos</i> <sup>-/-</sup> mice. <i>Oncotarget</i> , 2015, 6, 16883-16901.	0.8	28
4838	Targeting the EWS-ETS transcriptional program by BET bromodomain inhibition in Ewing sarcoma. <i>Oncotarget</i> , 2016, 7, 1451-1463.	0.8	48
4839	Inhibition of EZH2 by chemo- and radiotherapy agents and small molecule inhibitors induces cell death in castration-resistant prostate cancer. <i>Oncotarget</i> , 2016, 7, 3440-3452.	0.8	45
4840	Genome-wide profiling of histone H3 lysine 27 and lysine 4 trimethylation in multiple myeloma reveals the importance of Polycomb gene targeting and highlights EZH2 as a potential therapeutic target. <i>Oncotarget</i> , 2016, 7, 6809-6823.	0.8	59
4841	Reelin promotes the adhesion and drug resistance of multiple myeloma cells via integrin $\beta$ 1 signaling and STAT3. <i>Oncotarget</i> , 2016, 7, 9844-9858.	0.8	39
4842	The relationship between EZH2 expression and microRNA-31 in colorectal cancer and the role in evolution of the serrated pathway. <i>Oncotarget</i> , 2016, 7, 12704-12717.	0.8	16
4843	An overview of long non-coding RNAs in ovarian cancers. <i>Oncotarget</i> , 2016, 7, 44719-44734.	0.8	50
4844	Altered oncomodules underlie chromatin regulatory factors driver mutations. <i>Oncotarget</i> , 2016, 7, 30748-30759.	0.8	3
4845	JMJD3 promotes survival of diffuse large B-cell lymphoma subtypes via distinct mechanisms. <i>Oncotarget</i> , 2016, 7, 29387-29399.	0.8	28
4846	EZH2 promotes colorectal cancer stem-like cell expansion by activating p21/cip1-Wnt/ $\beta$ -catenin signaling. <i>Oncotarget</i> , 0, 7, 41540-41558.	0.8	49
4847	The histone methyltransferase EZH2 as a novel prosurvival factor in clinically aggressive chronic lymphocytic leukemia. <i>Oncotarget</i> , 2016, 7, 35946-35959.	0.8	29
4848	Autocrine glutamatergic transmission for the regulation of embryonal carcinoma stem cells. <i>Oncotarget</i> , 2016, 7, 49552-49564.	0.8	5
4849	Transcription regulation of MYB: a potential and novel therapeutic target in cancer. <i>Annals of Translational Medicine</i> , 2018, 6, 443-443.	0.7	27
4850	Neurochemical Markers in the Mammalian Brain: Structure, Roles in Synaptic Communication, and Pharmacological Relevance. <i>Current Medicinal Chemistry</i> , 2017, 24, 3077-3103.	1.2	14
4851	Childhood Maltreatment and Stress-Related Psychopathology: The Epigenetic Memory Hypothesis. <i>Current Pharmaceutical Design</i> , 2015, 21, 1413-1417.	0.9	39
4852	Epigenomic-Basis of Preemptive Medicine for Neurodevelopmental Disorders. <i>Current Genomics</i> , 2015, 16, 175-182.	0.7	9
4853	Anticancer Natural Compounds as Epigenetic Modulators of Gene Expression. <i>Current Genomics</i> , 2017, 18, 175-205.	0.7	42

#	ARTICLE	IF	CITATIONS
4854	Natural compound-derived epigenetic regulators targeting epigenetic readers, writers and erasers. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 697-713.	1.0	27
4855	An Update of the Classical and Novel Methods Used for Measuring Fast Neurotransmitters During Normal and Brain Altered Function. <i>Current Neuropharmacology</i> , 2015, 12, 490-508.	1.4	27
4856	Expanding Spectrum of Sodium Potassium Chloride Co-transporters in the Pathophysiology of Diseases. <i>Current Neuropharmacology</i> , 2015, 13, 369-388.	1.4	39
4857	New Pharmacotherapy Targeting Cognitive Dysfunction of Schizophrenia via Modulation of GABA Neuronal Function. <i>Current Neuropharmacology</i> , 2015, 13, 793-801.	1.4	14
4858	The Long Run: Neuroprotective Effects of Physical Exercise on Adult Neurogenesis from Youth to Old Age. <i>Current Neuropharmacology</i> , 2017, 15, 519-533.	1.4	69
4859	Epigenetic Regulation of Memory-Therapeutic Potential for Disorders. <i>Current Neuropharmacology</i> , 2017, 15, 1208-1221.	1.4	6
4860	Role of Ectonucleotidases in Synapse Formation During Brain Development: Physiological and Pathological Implications. <i>Current Neuropharmacology</i> , 2018, 17, 84-98.	1.4	23
4861	Protein-C Reactive as Biomarker Predictor of Schizophrenia Phases of Illness? A Systematic Review. <i>Current Neuropharmacology</i> , 2018, 16, 583-606.	1.4	72
4862	Autism, Mitochondria and Polybrominated Diphenyl Ether Exposure. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 614-623.	0.8	14
4863	A Neurodevelopmental Perspective for Autism-Associated Gene Function. <i>OBM Neurobiology</i> , 2017, 01, 1-1.	0.2	1
4864	Department of Neuroscience, University of Connecticut School of Medicine, 263 Farmington Avenue, Farmington, CT 06032, USA. <i>OBM Neurobiology</i> , 2017, 01, 1-1.	0.2	5
4865	Impact of Automatic Query Generation and Quality Recognition Using Deep Learning to Curate Evidence From Biomedical Literature: Empirical Study. <i>JMIR Medical Informatics</i> , 2019, 7, e13430.	1.3	8
4866	æ'él/4 ©âšè,, 'âè, 2â'CEèâCE-è;†ç::â;DNAâŽ»ç"2âÿ°âCE-â;®é¥°çš,,âŠ"æ€ââCE-ç%o1â3/4. <i>Zoological Research</i> , 2017, 038, 96-102.	0.38	102
4867	Overview on Epigenetic Re-programming: A Potential Therapeutic Intervention in Triple Negative Breast Cancers. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 3341-3351.	0.5	8
4868	New approaches to manipulating the epigenome. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 345-357.	1.8	24
4869	Epigenetic mechanisms in schizophrenia. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 405-417.	1.8	74
4870	An epigenomics approach to individual differences and its translation to neuropsychiatric conditions. <i>Dialogues in Clinical Neuroscience</i> , 2016, 18, 289-298.	1.8	15
4871	Epigenetics and depression. <i>Dialogues in Clinical Neuroscience</i> , 2019, 21, 397-405.	1.8	126

#	ARTICLE	IF	CITATIONS
4872	Use of the epigenetic toolbox to contextualize common variants associated with schizophrenia risk. <i>Dialogues in Clinical Neuroscience</i> , 2019, 21, 407-416.	1.8	3
4873	Bumetanide Therapeutic Effect in Children and Adolescents With Autism Spectrum Disorder: A Review Study. <i>Basic and Clinical Neuroscience</i> , 2019, 10, 433-442.	0.3	6
4874	Single-cell genetic expression of mutant GABAA receptors causing Human genetic epilepsy alters dendritic spine and GABAergic bouton formation in a mutation-specific manner. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 317.	1.8	10
4875	Transcriptional Regulation of Channelopathies in Genetic and Acquired Epilepsies. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 587.	1.8	8
4876	Sensory Abnormalities in Autism Spectrum Disorders: A Focus on the Tactile Domain, From Genetic Mouse Models to the Clinic. <i>Frontiers in Psychiatry</i> , 2019, 10, 1016.	1.3	78
4877	HDAC6 in Diseases of Cognition and of Neurons. <i>Cells</i> , 2021, 10, 12.	1.8	52
4878	Hypothalamic Neuropeptide Brain Protection: Focus on Oxytocin. <i>Journal of Clinical Medicine</i> , 2020, 9, 1534.	1.0	31
4879	Anti-Amnesic Effect of Fermented <i>Ganoderma lucidum</i> Water Extracts by Lactic Acid Bacteria on Scopolamine-Induced Memory Impairment in Rats. <i>Preventive Nutrition and Food Science</i> , 2015, 20, 126-132.	0.7	31
4880	Th17 plasticity and its changes associated with inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2015, 21, 12283.	1.4	69
4881	Examining pathogenic concepts of autoimmune hepatitis for cues to future investigations and interventions. <i>World Journal of Gastroenterology</i> , 2019, 25, 6579-6606.	1.4	23
4883	Evidence of an Epigenetic Modification in Cell-cycle Arrest Caused by the Use of Ultra-highly-diluted <i>Gonolobus Condurango</i> Extract. <i>Journal of Pharmacopuncture</i> , 2013, 16, 7-13.	0.4	17
4884	Genotype-phenotype analysis in Mowat-Wilson syndrome associated with two novel and two recurrent <i>ZEB2</i> variants. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	0.8	4
4885	Biology and pathogenesis of human osteosarcoma (Review). <i>Oncology Letters</i> , 2020, 19, 1099-1116.	0.8	58
4886	lncRNA SNHG7 affects malignant tumor behaviors through downregulation of EZH2 in uveal melanoma cell lines. <i>Oncology Letters</i> , 2020, 19, 1505-1515.	0.8	18
4887	A search for the common ground between Tic; Obsessive-compulsive and Autism Spectrum Disorders: part I, Tic disorders. <i>AIMS Genetics</i> , 2017, 04, 032-046.	1.9	2
4888	Effect of midazolam on the proliferation of neural stem cells isolated from rat hippocampus. <i>Neural Regeneration Research</i> , 2012, 7, 1475-82.	1.6	5
4889	Characterization and ACE Inhibitory Activity of Fermented Milk with Probiotic <i>Lactobacillus plantarum</i> K25 as Analyzed by GC-MS-Based Metabolomics Approach. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 903-911.	0.9	18
4890	Clinical and Neurobiological Relevance of Current Animal Models of Autism Spectrum Disorders. <i>Biomolecules and Therapeutics</i> , 2016, 24, 207-243.	1.1	31

#	ARTICLE	IF	CITATIONS
4891	Sex Differences in Autism-Like Behavioral Phenotypes and Postsynaptic Receptors Expression in the Prefrontal Cortex of TERT Transgenic Mice. <i>Biomolecules and Therapeutics</i> , 2017, 25, 374-382.	1.1	12
4892	Dexmedetomidine and propofol sedation requirements in an autistic rat model. <i>Korean Journal of Anesthesiology</i> , 2019, 72, 169-177.	0.9	5
4893	Gamma amino butyric acid accumulation in medicinal plants without stress. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2014, 34, 68.	0.3	5
4894	Mutations in GABRG2 receptor gene are not a major factor in the pathogenesis of mesial temporal lobe epilepsy in Indian population. <i>Annals of Indian Academy of Neurology</i> , 2016, 19, 236.	0.2	3
4895	Enhancement of inhibitory neurotransmission and inhibition of excitatory mechanisms underlie the anticonvulsant effects of <i>Mallotus oppositifolius</i> . <i>Journal of Pharmacy and Bioallied Sciences</i> , 2016, 8, 253.	0.2	11
4896	Prostate cancer epigenetics and its clinical implications. <i>Asian Journal of Andrology</i> , 2016, 18, 549.	0.8	28
4897	Neuroprotective effects of SMADs in a rat model of cerebral ischemia/reperfusion. <i>Neural Regeneration Research</i> , 2015, 10, 438.	1.6	21
4898	Acrylamide neurotoxicity on the cerebrum of weaning rats. <i>Neural Regeneration Research</i> , 2015, 10, 938.	1.6	27
4899	Bumetanide promotes neural precursor cell regeneration and dendritic development in the hippocampal dentate gyrus in the chronic stage of cerebral ischemia. <i>Neural Regeneration Research</i> , 2016, 11, 745.	1.6	12
4900	Cortical spreading depression-induced preconditioning in the brain. <i>Neural Regeneration Research</i> , 2016, 11, 1857.	1.6	22
4901	The dynamics of adult neurogenesis in human hippocampus. <i>Neural Regeneration Research</i> , 2016, 11, 1869.	1.6	45
4902	Dexmedetomidine mitigates isoflurane-induced neurodegeneration in fetal rats during the second trimester of pregnancy. <i>Neural Regeneration Research</i> , 2017, 12, 1329.	1.6	14
4903	Brain-derived neurotropic factor and GABAergic transmission in neurodegeneration and neuroregeneration. <i>Neural Regeneration Research</i> , 2017, 12, 1733.	1.6	36
4904	Regulation of neuronal survival by DNA methyltransferases. <i>Neural Regeneration Research</i> , 2017, 12, 1768.	1.6	37
4905	Modulation of mitochondrial respiration underpins neuronal differentiation enhanced by lutein. <i>Neural Regeneration Research</i> , 2019, 14, 87.	1.6	9
4906	Paternal physical exercise modulates global DNA methylation status in the hippocampus of male rat offspring. <i>Neural Regeneration Research</i> , 2019, 14, 491.	1.6	20
4907	Expression and effect of sodium-potassium-chloride cotransporter on dorsal root ganglion neurons in a rat model of chronic constriction injury. <i>Neural Regeneration Research</i> , 2020, 15, 912.	1.6	10
4908	Epigenetic regulation of prostate cancer: the theories and the clinical implications. <i>Asian Journal of Andrology</i> , 2019, 21, 279.	0.8	32

#	ARTICLE	IF	CITATIONS
4909	Spectrum of hyperosmolar hyperglycaemic state in neurology practice. Indian Journal of Medical Research, 2017, 146, 1.	0.4	23
4910	Simplified updates on the pathophysiology and recent developments in the treatment of amblyopia: A review. Indian Journal of Ophthalmology, 2019, 67, 1392.	0.5	27
4911	Immunoexcitotoxicity as the central mechanism of etiopathology and treatment of autism spectrum disorders: A possible role of fluoride and aluminum. , 2018, 9, 74.		21
4912	Long Non-coding RNA HOTAIR Expression in Diffuse Large B-Cell Lymphoma: In Relation to Polycomb Repressive Complex Pathway Proteins and H3K27 Trimethylation. Journal of Pathology and Translational Medicine, 2016, 50, 369-376.	0.4	25
4913	Prediction of <i>TP53</i> mutations by p53 immunohistochemistry and their prognostic significance in gastric cancer. Journal of Pathology and Translational Medicine, 2020, 54, 378-386.	0.4	29
4914	Precision Medicine for Molecularly Targeted Agents and Immunotherapies in Early-Phase Clinical Trials. Translational Oncogenomics, 2015, Suppl. 1, 1-11.	1.7	19
4915	Chromatin Memory in the Development of Human Cancers. Gene Technology, 2014, 04, .	0.5	2
4916	Inhibitory actions of borneol on the substantia gelatinosa neurons of the trigeminal subnucleus caudalis in mice. Korean Journal of Physiology and Pharmacology, 2020, 24, 433-440.	0.6	7
4917	Rational use of mesenchymal stem cells in the treatment of autism spectrum disorders. World Journal of Stem Cells, 2019, 11, 55-72.	1.3	15
4918	Biological features and biomarkers in hepatocellular carcinoma. World Journal of Hepatology, 2015, 7, 2020.	0.8	12
4919	Clinical Interpretation of Genomic Variations. Turkish Journal of Haematology, 2016, 33, 172-179.	0.2	8
4920	Association between <i>RELN</i> Gene Polymorphisms and Attention Deficit Hyperactivity Disorder in Korean Children. Psychiatry Investigation, 2016, 13, 210.	0.7	9
4921	Preliminary Study on Quantitative Sleep EEG Characteristics in Patients with Schizophrenia. Psychiatry Investigation, 2017, 14, 219.	0.7	3
4922	Complex interactomes and post-translational modifications of the regulatory proteins HABP4 and SERBP1 suggest pleiotropic cellular functions. World Journal of Biological Chemistry, 2019, 10, 44-64.	1.7	6
4923	BubR1 Insufficiency Impairs Affective Behavior and Memory Function in Mice. International Neurourology Journal, 2018, 22, S122-130.	0.5	7
4924	Neuronal Nicotinic Receptors in Sleep-Related Epilepsy: Studies in Integrative Biology. , 2012, 2012, 1-25.		6
4925	Prevalence of tumor BRCA1 and BRCA2 dysfunction in unselected patients with ovarian cancer. Obstetrics and Gynecology Science, 2020, 63, 643-654.	0.6	4
4926	Age-related epigenetic regulation in the brain and its role in neuronal diseases. BMB Reports, 2016, 49, 671-680.	1.1	14

#	ARTICLE	IF	CITATIONS
4927	Critical role of protein L-isoaspartyl methyltransferase in basic fibroblast growth factor-mediated neuronal cell differentiation. <i>BMB Reports</i> , 2016, 49, 437-442.	1.1	8
4928	A concise review of human brain methylome during aging and neurodegenerative diseases. <i>BMB Reports</i> , 2019, 52, 577-588.	1.1	26
4929	Calpain-2 as a Treatment Target in Prenatal Stress-induced Epileptic Spasms in Infant Rats. <i>Experimental Neurobiology</i> , 2019, 28, 529-536.	0.7	5
4930	Downregulation of SIRT2 by Chronic Stress Reduces Expression of Synaptic Plasticity-related Genes through the Upregulation of Ehmt2. <i>Experimental Neurobiology</i> , 2019, 28, 537-546.	0.7	9
4931	Effects of gamma-aminobutyric acid and piperine on gene regulation in pig kidney epithelial cell lines. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 1497-1506.	2.4	2
4932	Noise promotes independent control of gamma oscillations and grid firing within recurrent attractor networks. <i>ELife</i> , 2015, 4, .	2.8	21
4933	Distinct roles of NMDA receptors at different stages of granule cell development in the adult brain. <i>ELife</i> , 2015, 4, e07871.	2.8	26
4934	Functional effects of distinct innervation styles of pyramidal cells by fast spiking cortical interneurons. <i>ELife</i> , 2015, 4, .	2.8	68
4935	Differential inhibition onto developing and mature granule cells generates high-frequency filters with variable gain. <i>ELife</i> , 2015, 4, e08764.	2.8	27
4936	A network of autism linked genes stabilizes two pools of synaptic GABAA receptors. <i>ELife</i> , 2015, 4, e09648.	2.8	39
4937	A deleterious Nav1.1 mutation selectively impairs telencephalic inhibitory neurons derived from Dravet Syndrome patients. <i>ELife</i> , 2016, 5, .	2.8	101
4938	Manipulations of MeCP2 in glutamatergic neurons highlight their contributions to Rett and other neurological disorders. <i>ELife</i> , 2016, 5, .	2.8	86
4939	Microglia contribute to circuit defects in Mecp2 null mice independent of microglia-specific loss of Mecp2 expression. <i>ELife</i> , 2016, 5, .	2.8	117
4940	Endocannabinoid signaling enhances visual responses through modulation of intracellular chloride levels in retinal ganglion cells. <i>ELife</i> , 2016, 5, .	2.8	17
4941	Shank is a dose-dependent regulator of Cav1 calcium current and CREB target expression. <i>ELife</i> , 2017, 6, .	2.8	16
4942	Distinct roles for extracellular and intracellular domains in neuroligin function at inhibitory synapses. <i>ELife</i> , 2016, 5, .	2.8	41
4943	Loss of MeCP2 disrupts cell autonomous and autocrine BDNF signaling in mouse glutamatergic neurons. <i>ELife</i> , 2016, 5, .	2.8	35
4944	Eco-HAB as a fully automated and ecologically relevant assessment of social impairments in mouse models of autism. <i>ELife</i> , 2016, 5, .	2.8	36

#	ARTICLE	IF	CITATIONS
4945	Adult-born neurons modify excitatory synaptic transmission to existing neurons. <i>ELife</i> , 2017, 6, .	2.8	70
4946	MEF2C regulates cortical inhibitory and excitatory synapses and behaviors relevant to neurodevelopmental disorders. <i>ELife</i> , 2016, 5, .	2.8	138
4947	APP modulates KCC2 expression and function in hippocampal GABAergic inhibition. <i>ELife</i> , 2017, 6, .	2.8	76
4948	Beyond excitation/inhibition imbalance in multidimensional models of neural circuit changes in brain disorders. <i>ELife</i> , 2017, 6, .	2.8	53
4949	Functional limb muscle innervation prior to cholinergic transmitter specification during early metamorphosis in <i>Xenopus</i> . <i>ELife</i> , 2018, 7, .	2.8	9
4950	Astrocytic modulation of excitatory synaptic signaling in a mouse model of Rett syndrome. <i>ELife</i> , 2018, 7, .	2.8	20
4951	Eye opening differentially modulates inhibitory synaptic transmission in the developing visual cortex. <i>ELife</i> , 2017, 6, .	2.8	38
4952	Reduced auditory cortical adaptation in autism spectrum disorder. <i>ELife</i> , 2018, 7, .	2.8	41
4953	Excitatory and inhibitory synapse reorganization immediately after critical sensory experience in a vocal learner. <i>ELife</i> , 2018, 7, .	2.8	16
4954	Targeting light-gated chloride channels to neuronal somatodendritic domain reduces their excitatory effect in the axon. <i>ELife</i> , 2018, 7, .	2.8	64
4955	Deletion of KCNQ2/3 potassium channels from PV+ interneurons leads to homeostatic potentiation of excitatory transmission. <i>ELife</i> , 2018, 7, .	2.8	37
4956	Reversal of ApoE4-induced recycling block as a novel prevention approach for Alzheimer's disease. <i>ELife</i> , 2018, 7, .	2.8	62
4957	Developmental 'awakening' of primary motor cortex to the sensory consequences of movement. <i>ELife</i> , 2018, 7, .	2.8	52
4958	Perception in autism does not adhere to Weber's law. <i>ELife</i> , 2019, 8, .	2.8	27
4959	Early-generated interneurons regulate neuronal circuit formation during early postnatal development. <i>ELife</i> , 2019, 8, .	2.8	14
4960	Neurexophilin4 is a selectively expressed $\hat{\pm}$ -neurexin ligand that modulates specific cerebellar synapses and motor functions. <i>ELife</i> , 2019, 8, .	2.8	19
4961	The NKCC1 antagonist bumetanide mitigates interneuronopathy associated with ethanol exposure in utero. <i>ELife</i> , 2019, 8, .	2.8	11
4962	Essential role for InSyn1 in dystroglycan complex integrity and cognitive behaviors in mice. <i>ELife</i> , 2019, 8, .	2.8	19

#	ARTICLE	IF	CITATIONS
4963	Aberrant calcium channel splicing drives defects in cortical differentiation in Timothy syndrome. <i>ELife</i> , 2019, 8, .	2.8	35
4964	Site-specific effects of neurosteroids on GABAA receptor activation and desensitization. <i>ELife</i> , 2020, 9, .	2.8	32
4965	Efficacy and safety of a GABAergic drug (Gamalate B6): effects on behavior and cognition in young adults with borderline-to-mild intellectual developmental disabilities and ADHD. <i>Drugs in Context</i> , 2020, 9, 1-12.	1.0	3
4966	ShapeGTB: the role of local DNA shape in prioritization of functional variants in human promoters with machine learning. <i>PeerJ</i> , 2018, 6, e5742.	0.9	2
4967	Evaluation of performance of leading algorithms for variant pathogenicity predictions and designing a combinatory predictor method: application to Rett syndrome variants. <i>PeerJ</i> , 2019, 7, e8106.	0.9	10
4968	In Silico Model-driven Assessment of the Effects of Brain-derived Neurotrophic Factor Deficiency on Glutamate and Gamma-Aminobutyric Acid: Implications for Understanding Schizophrenia Pathophysiology. <i>Clinical Psychopharmacology and Neuroscience</i> , 2017, 15, 115-125.	0.9	6
4969	Levels of Salivary Sialic Acid in Children with Autism Spectrum Disorder; Could It Be Related to Stereotypes and Hyperactivity?. <i>Clinical Psychopharmacology and Neuroscience</i> , 2019, 17, 415-422.	0.9	10
4970	An overview of the development of EED inhibitors to disable the PRC2 function. <i>RSC Medicinal Chemistry</i> , 2022, 13, 39-53.	1.7	8
4971	RPS: a comprehensive database of RNAs involved in liquid-liquid phase separation. <i>Nucleic Acids Research</i> , 2022, 50, D347-D355.	6.5	15
4972	Polycomb group proteins in cancer: multifaceted functions and strategies for modulation. <i>NAR Cancer</i> , 2021, 3, zcab039.	1.6	10
4973	Neural stem/precursor cells dynamically change their epigenetic landscape to differentially respond to BMP signaling for fate switching during brain development. <i>Genes and Development</i> , 2021, 35, 1431-1444.	2.7	11
4974	MicroRNAs in the Onset of Schizophrenia. <i>Cells</i> , 2021, 10, 2679.	1.8	23
4975	Subjective touch sensitivity leads to behavioral shifts in oral food texture sensitivity and awareness. <i>Scientific Reports</i> , 2021, 11, 20237.	1.6	3
4976	In search of sex-related mediators of affective illness. <i>Biology of Sex Differences</i> , 2021, 12, 55.	1.8	8
4977	Therapeutically leveraging GABA <sub>A</sub> receptors in cancer. <i>Experimental Biology and Medicine</i> , 2021, 246, 2128-2135.	1.1	17
4978	LDL-Cholesterol and PCSK9 in patients with familial hypercholesterolemia: influence of PCSK9 variants under lipid-lowering therapy. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e24056.	0.9	1
4979	Dysregulation of Neuronal Nicotinic Acetylcholine Receptor-Cholesterol Crosstalk in Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 744597.	1.4	10
4980	Genetic Transsynaptic Techniques for Mapping Neural Circuits in <i>Drosophila</i> . <i>Frontiers in Neural Circuits</i> , 2021, 15, 749586.	1.4	3

#	ARTICLE	IF	CITATIONS
4981	The dihydropyrimidine dehydrogenase gene contributes to heritable differences in sleep in mice. <i>Current Biology</i> , 2021, 31, 5238-5248.e7.	1.8	5
4982	Clinical Characteristics and Mutation Spectrum of Neurofibromatosis Type 1 in 27 Turkish Families. , 2021, 38, 365-373.		4
4983	Impact of Transcranial Direct Current Stimulation and Cognitive Training on Frontal Lobe Neurotransmitter Concentrations. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 761348.	1.7	7
4984	Parallels between the Developing Vascular and Neural Systems: Signaling Pathways and Future Perspectives for Regenerative Medicine. <i>Advanced Science</i> , 2021, 8, e2101837.	5.6	13
4985	Development of prefrontal cortex. <i>Neuropsychopharmacology</i> , 2022, 47, 41-57.	2.8	97
4986	Artificial intelligence enables comprehensive genome interpretation and nomination of candidate diagnoses for rare genetic diseases. <i>Genome Medicine</i> , 2021, 13, 153.	3.6	53
4987	Neuroigin-3: A Circuit-Specific Synapse Organizer That Shapes Normal Function and Autism Spectrum Disorder-Associated Dysfunction. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 749164.	1.4	28
4988	Discovery of EEDi-5273 as an Exceptionally Potent and Orally Efficacious EED Inhibitor Capable of Achieving Complete and Persistent Tumor Regression. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14540-14556.	2.9	14
4989	Compensatory ion transport buffers daily protein rhythms to regulate osmotic balance and cellular physiology. <i>Nature Communications</i> , 2021, 12, 6035.	5.8	26
4990	Unraveling the Role of Dopaminergic and Calretinin Interneurons in the Olfactory Bulb. <i>Frontiers in Neural Circuits</i> , 2021, 15, 718221.	1.4	10
4991	Behavioral aspects and neurobiological properties underlying medical cannabis treatment in Shank3 mouse model of autism spectrum disorder. <i>Translational Psychiatry</i> , 2021, 11, 524.	2.4	9
4992	Epigenetic Regulatory Dynamics in Models of Methamphetamine-Use Disorder. <i>Genes</i> , 2021, 12, 1614.	1.0	12
4993	Reprogramming of the epigenome in neurodevelopmental disorders. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2022, 57, 73-112.	2.3	10
4994	Prediction learning in adults with autism and its molecular correlates. <i>Molecular Autism</i> , 2021, 12, 64.	2.6	15
4995	Molecular Genetics Diversity of Primary Hemophagocytic Lymphohistiocytosis among Polish Pediatric Patients. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2021, 69, 31.	1.0	4
4996	GAD67-mediated GABA Synthesis and Signaling Impinges on Directing Basket Cell Axonal Projections Toward Purkinje Cells in the Cerebellum. <i>Cerebellum</i> , 2022, 21, 905-919.	1.4	4
4997	Autism-Like Behavioral Phenotypes in Mice Treated with Systemic N-Methyl-D-Aspartate. <i>Biomolecules and Therapeutics</i> , 2021, , .	1.1	1
4998	NHE6 depletion corrects ApoE4-mediated synaptic impairments and reduces amyloid plaque load. <i>ELife</i> , 2021, 10, .	2.8	12

#	ARTICLE	IF	CITATIONS
4999	Illness Progression as a Function of Independent and Accumulating Poor Prognosis Factors in Outpatients With Bipolar Disorder in the United States. <i>primary care companion for CNS disorders</i> , The, 2014, 16, .	0.2	3
5000	Administration of Flumazenil in a Patient with Acute Abamectin Intoxication: Case Report and a Review of the Literature. <i>West Indian Medical Journal</i> , 2015, 64, 162-4.	0.4	0
5001	The effects of etomidate and midazolam on adipose tissue-derived mesenchymal stem cell proliferation. <i>Korean Journal of Anesthesiology</i> , 2016, 69, 614.	0.9	0
5002	Association between <i>GABA3</i> Gene Polymorphisms and Attention Deficit Hyperactivity Disorder in Korean Children. <i>Psychiatry Investigation</i> , 2017, 14, 693.	0.7	1
5003	GSK-J4-Mediated Transcriptomic Alterations in Differentiating Embryoid Bodies. <i>Molecules and Cells</i> , 2017, 40, 737-751.	1.0	4
5004	Rituximab-Based Therapy in Newly Diagnosed Diffuse Large B-Cell Lymphoma Patients: Individualized Risk-Adapted Therapy Approach Using Molecular Subtypes. <i>Journal of Hematology (Brossard, Quebec)</i> , 2017, 6, 33-43.	0.4	5
5005	Severe Late Toxicity After Adjuvant Breast Radiotherapy in a Patient with a Germline Ataxia Telangiectasia Mutated Gene: Future Treatment Decisions. <i>Cureus</i> , 2017, 9, e1458.	0.2	7
5006	Role of Pre-Synaptic NMDA Receptors in the Modulation of Inhibitory Synaptic Transmission in Sensory-Motor and Visual Cortical Pyramidal Neurons in Brain Slices of Young Epileptic Mice. <i>The Malaysian Journal of Medical Sciences</i> , 2018, 25, 27-39.	0.3	0
5007	Chromatin Changes Associated with Neuronal Maintenance and Their Pharmacological Application. <i>Current Neuropharmacology</i> , 2018, 16, 118-125.	1.4	4
5008	Endothelial GABA signaling: a phoenix awakened. <i>Aging</i> , 2018, 10, 859-860.	1.4	3
5009	Neurointegrity and europhysiology: astrocyte, glutamate, and carbon monoxide interactions. <i>Medical Gas Research</i> , 2019, 9, 24-45.	1.2	16
5010	Assessing drug target suitability using TargetMine. <i>F1000Research</i> , 2019, 8, 233.	0.8	2
5011	Expression of WD Repeat Domain 5 (WDR5) is Associated with Progression and Reduced Prognosis in Papillary Thyroid Carcinoma. <i>Medical Science Monitor</i> , 2019, 25, 3762-3770.	0.5	2
5012	DNA hypermethylation of the promoter attenuates forkhead box protein 3 (FOXP3) expression in hepatocellular carcinoma cells. <i>Translational Cancer Research</i> , 2019, 8, 2024-2031.	0.4	1
5013	Non-Ketotic Hyperglycemia Causing a Transient Unilateral Homonymous Hemianopia: A Manifestation of Occipital Lobe Seizure. <i>Cureus</i> , 2020, 12, e8527.	0.2	4
5014	Balancing excitation and inhibition in the autistic brain. <i>ELife</i> , 2020, 9, .	2.8	5
5015	DNA Methylation and Schizophrenia: Current Literature and Future Perspective. <i>Cells</i> , 2021, 10, 2890.	1.8	26
5016	Age- and sex-specific effects of stress on parvalbumin interneurons in preclinical models: Relevance to sex differences in clinical neuropsychiatric and neurodevelopmental disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1228-1242.	2.9	15

#	ARTICLE	IF	CITATIONS
5017	Global Reprogramming of Apoptosis-Related Genes during Brain Development. <i>Cells</i> , 2021, 10, 2901.	1.8	10
5018	Reprogramming CBX8-PRC1 function with a positive allosteric modulator. <i>Cell Chemical Biology</i> , 2022, 29, 555-571.e11.	2.5	12
5019	The Entorhinal Cortex and Adult Neurogenesis in Major Depression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11725.	1.8	16
5020	Analysis of 272 Genetic Variants in the Upgraded Interactive FXI Web Database Reveals New Insights into FXI Deficiency. <i>TH Open</i> , 2021, 05, e543-e556.	0.7	8
5021	Meta-analysis and systematic review of liver transplantation as an ultimate treatment option for secondary sclerosing cholangitis. <i>Przeład Gastroenterologiczny</i> , 2022, 17, 1-8.	0.3	2
5022	EZH2 inhibition confers PIK3CA-driven lung tumors enhanced sensitivity to PI3K inhibition. <i>Cancer Letters</i> , 2022, 524, 151-160.	3.2	15
5023	TrkB Signaling Influences Gene Expression in Cortistatin-Expressing Interneurons. <i>ENeuro</i> , 2020, 7, ENEURO.0310-19.2019.	0.9	10
5024	Improving TRAIL-induced apoptosis in cancers by interfering with histone modifications. , 2020, 3, 791-803.		0
5025	Mechanisms of Psychiatric Comorbidities in Epilepsy. <i>Current Topics in Behavioral Neurosciences</i> , 2020, , 107-144.	0.8	2
5026	Collapse of complexity of brain and body activity due to excessive inhibition and MeCP2 disruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	9
5027	A Monoallelic Variant in REST Is Associated with Non-Syndromic Autosomal Dominant Hearing Impairment in a South African Family. <i>Genes</i> , 2021, 12, 1765.	1.0	5
5028	Hyperexcitability and brain morphological differences in mice lacking the cystine/glutamate antiporter, system x <sub>c</sub> <sup>-</sup> . <i>Journal of Neuroscience Research</i> , 2021, 99, 3339-3353.	1.3	3
5029	The context-specific role of germline pathogenicity in tumorigenesis. <i>Nature Genetics</i> , 2021, 53, 1577-1585.	9.4	44
5030	Pharmacological intervention in young adolescents rescues synaptic physiology and behavioural deficits in Syngap1+/- mice. <i>Experimental Brain Research</i> , 2022, 240, 289-309.	0.7	7
5031	Single cell transcriptomics reveals the heterogeneity of the human cornea to identify novel markers of the limbus and stroma. <i>Scientific Reports</i> , 2021, 11, 21727.	1.6	26
5032	The interplay between glutamatergic circuits and oxytocin neurons in the hypothalamus and its relevance to neurodevelopmental disorders. <i>Journal of Neuroendocrinology</i> , 2021, 33, e13061.	1.2	11
5033	Validation and clinical application of a targeted next-generation sequencing gene panel for solid and hematologic malignancies. <i>PeerJ</i> , 2020, 8, e10069.	0.9	1
5034	Phenotypically Similar Rare Disease Identification from an Integrative Knowledge Graph for Data Harmonization: Preliminary Study. <i>JMIR Medical Informatics</i> , 2020, 8, e18395.	1.3	2

#	ARTICLE	IF	CITATIONS
5035	Heat shock proteins and small nucleolar RNAs are dysregulated in a Drosophila model for feline hypertrophic cardiomyopathy. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, 1-16.	0.8	6
5036	Emerging role of G9a in cancer stemness and promises as a therapeutic target. <i>Oncogenesis</i> , 2021, 10, 76.	2.1	18
5037	A Unifying Theory for Autism: The Pathogenetic Triad as a Theoretical Framework. <i>Frontiers in Psychiatry</i> , 2021, 12, 767075.	1.3	6
5038	GABAkinases – Advances in the discovery, development, and commercialization of positive allosteric modulators of GABAA receptors. , 2022, 234, 108035.		48
5039	Partial protective effects of melatonin on developing brain in a rat model of chorioamnionitis. <i>Scientific Reports</i> , 2021, 11, 22167.	1.6	9
5040	Genetic generalized epilepsies in adults – challenging assumptions and dogmas. <i>Nature Reviews Neurology</i> , 2022, 18, 71-83.	4.9	17
5041	Hippocampal gamma and sharp-wave ripple oscillations are altered in a <i>Cntnap2</i> mouse model of autism spectrum disorder. <i>Cell Reports</i> , 2021, 37, 109970.	2.9	24
5042	Early Development of the GABAergic System and the Associated Risks of Neonatal Anesthesia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12951.	1.8	12
5043	Plasma Cell-Free DNA Methylomics of Bipolar Disorder With and Without Rapid Cycling. <i>Frontiers in Neuroscience</i> , 2021, 15, 774037.	1.4	4
5044	The Phosphorylated Form of the Histone H2AX ( $\gamma$ H2AX) in the Brain from Embryonic Life to Old Age. <i>Molecules</i> , 2021, 26, 7198.	1.7	16
5045	The Mouse Action Recognition System (MARS) software pipeline for automated analysis of social behaviors in mice. <i>ELife</i> , 2021, 10, .	2.8	94
5046	Epigenetic Mechanisms in Memory and Cognitive Decline Associated with Aging and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12280.	1.8	34
5047	The GA4GH Variation Representation Specification: A computational framework for variation representation and federated identification. <i>Cell Genomics</i> , 2021, 1, 100027.	3.0	18
5048	Compressive stress-mediated p38 activation required for ER $\alpha$ phenotype in breast cancer. <i>Nature Communications</i> , 2021, 12, 6967.	5.8	22
5049	The organization and development of cortical interneuron presynaptic circuits are area specific. <i>Cell Reports</i> , 2021, 37, 109993.	2.9	25
5050	DSCAM Deficiency Leads to Premature Spine Maturation and Autism-like Behaviors. <i>Journal of Neuroscience</i> , 2022, 42, 532-551.	1.7	12
5051	Diagnostic Yield of Targeted Hearing Loss Gene Panel Sequencing in a Large German Cohort With a Balanced Age Distribution from a Single Diagnostic Center: An Eight-year Study. <i>Ear and Hearing</i> , 2022, 43, 1049-1066.	1.0	13
5052	Rett Syndrome and Fragile X Syndrome: Different Etiology With Common Molecular Dysfunctions. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 764761.	1.8	12

#	ARTICLE	IF	CITATIONS
5053	Acidic pH reduces agonist efficacy and responses to synaptic-like glycine applications in zebrafish $\hat{1}\pm 1$ and rat $\hat{1}\pm 1$ <sup>2</sup> recombinant glycine receptors. <i>Journal of Physiology</i> , 2021, , .	1.3	2
5054	Postnatal expression of the lysine methyltransferase SETD1B is essential for learning and the regulation of neuron-enriched genes. <i>EMBO Journal</i> , 2022, 41, e106459.	3.5	7
5055	Quantification of Discordant Variant Interpretations in a Large Family-Based Study of Li-Fraumeni Syndrome. <i>JCO Precision Oncology</i> , 2021, 5, 1727-1737.	1.5	3
5056	Brain is modulated by neuronal plasticity during postnatal development. <i>Journal of Physiological Sciences</i> , 2021, 71, 34.	0.9	12
5057	FoxO1 Regulates Neuropeptide Y and Pro-opiomelanocortin in the Hypothalamus of Rat Offspring Small for Gestational Age. <i>Reproductive Sciences</i> , 2022, 29, 173-183.	1.1	2
5058	Brain physiome: A concept bridging in vitro 3D brain models and in silico models for predicting drug toxicity in the brain. <i>Bioactive Materials</i> , 2022, 13, 135-148.	8.6	10
5059	Neurexin-3 Regulates Excitatory Synaptic Transmission and EPSP-Spike Coupling in the Dentate Gyrus In Vivo. <i>Molecular Neurobiology</i> , 2022, 59, 1098-1111.	1.9	4
5060	Developmental decrease of entorhinal-hippocampal communication in immune-challenged DISC1 knockdown mice. <i>Nature Communications</i> , 2021, 12, 6810.	5.8	8
5061	Gephyrin Interacts with the K-Cl Cotransporter KCC2 to Regulate Its Surface Expression and Function in Cortical Neurons. <i>Journal of Neuroscience</i> , 2022, 42, 166-182.	1.7	17
5062	Targeting ischemia-induced KCC2 hypofunction rescues refractory neonatal seizures and mitigates epileptogenesis in a mouse model. <i>Science Signaling</i> , 2021, 14, eabg2648.	1.6	12
5063	Evaluation of an EZH2 inhibitor in patient-derived orthotopic xenograft models of pediatric brain tumors alone and in combination with chemo- and radiation therapies. <i>Laboratory Investigation</i> , 2022, 102, 185-193.	1.7	8
5064	Comparison of SHANK3 deficiency in animal models: phenotypes, treatment strategies, and translational implications. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 55.	1.5	40
5065	Genome sequencing as a first-line diagnostic test for hospitalized infants. <i>Genetics in Medicine</i> , 2022, 24, 851-861.	1.1	22
5066	Cortical interneurons in autism. <i>Nature Neuroscience</i> , 2021, 24, 1648-1659.	7.1	68
5067	CCR5 and Biological Complexity: The Need for Data Integration and Educational Materials to Address Genetic/Biological Reductionism at the Interface of Ethical, Legal, and Social Implications. <i>Frontiers in Immunology</i> , 2021, 12, 790041.	2.2	5
5068	Effect of steady-state response versus excitatory/inhibitory balance on spiking synchronization in neural networks with log-normal synaptic weight distribution. <i>Cognitive Neurodynamics</i> , 2022, 16, 871-885.	2.3	5
5069	Histone Lysine Methylation and Long Non-Coding RNA: The New Target Players in Skeletal Muscle Cell Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759237.	1.8	3
5070	Ezh2 is essential for the generation of functional yolk sac derived erythro-myeloid progenitors. <i>Nature Communications</i> , 2021, 12, 7019.	5.8	8

#	ARTICLE	IF	CITATIONS
5071	Pathophysiological Mechanisms in Neurodevelopmental Disorders Caused by Rac GTPases Dysregulation: Whatâ€™s behind Neuro-RACopathies. <i>Cells</i> , 2021, 10, 3395.	1.8	17
5072	The Emerging Roles of Î€ Subunit-Containing GABA<sub>A</sub> Receptors in Different Cancers. <i>International Journal of Medical Sciences</i> , 2021, 18, 3851-3860.	1.1	7
5073	Dysregulation of GABAergic Signaling in Neurodevelopmental Disorders: Targeting Cation-Chloride Co-transporters to Re-establish a Proper E/I Balance. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 813441.	1.8	26
5074	Progress on the roles of MEF2C in neuropsychiatric diseases. <i>Molecular Brain</i> , 2022, 15, 8.	1.3	18
5075	Regulatory Variant rs2535629 in <i>ITIH3</i> Intron Confers Schizophrenia Risk By Regulating CTCF Binding and <i>SFMBT1</i> Expression. <i>Advanced Science</i> , 2022, 9, e2104786.	5.6	8
5076	EZH2 depletion potentiates MYC degradation inhibiting neuroblastoma and small cell carcinoma tumor formation. <i>Nature Communications</i> , 2022, 13, 12.	5.8	64
5077	BDNF signaling in context: From synaptic regulation to psychiatric disorders. <i>Cell</i> , 2022, 185, 62-76.	13.5	160
5078	Neuroinflammation, Early-Life Adversity, and Brain Development. <i>Harvard Review of Psychiatry</i> , 2022, 30, 24-39.	0.9	19
5079	Corticosterone-mediated regulation and functions of miR-218-5p in rat brain. <i>Scientific Reports</i> , 2022, 12, 194.	1.6	10
5080	Protective Effect of Gamma Aminobutyric Acid against Aggravation of Renal Injury Caused by High Salt Intake in Cisplatin-Induced Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 502.	1.8	5
5081	Bridging physiological and perceptual views of autism by means of sampling-based Bayesian inference. <i>Network Neuroscience</i> , 0, , 1-17.	1.4	1
5082	Cognitive impairment following experimental febrile seizures is determined by sex and seizure duration. <i>Epilepsy and Behavior</i> , 2022, 126, 108430.	0.9	12
5083	Gabaergic Interneurons in Early Brain Development: Conducting and Orchestrated by Cortical Network Activity. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 807969.	1.4	20
5084	The Yin and Yang of epigenetics in the field of nanoparticles. <i>Nanoscale Advances</i> , 2022, 4, 979-994.	2.2	15
5085	A functional hiPSC-cortical neuron differentiation and maturation model and its application to neurological disorders. <i>Stem Cell Reports</i> , 2022, 17, 96-109.	2.3	23
5086	Modeling dopamine dysfunction in autism spectrum disorder: From invertebrates to vertebrates. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104494.	2.9	10
5087	Modestly increasing systemic interleukin-6 perinatally disturbs secondary germinal zone neurogenesis and gliogenesis and produces sociability deficits. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 23-36.	2.0	6
5088	Downregulation of histoneâ€™lysine Nâ€™methyltransferase EZH2 inhibits cell viability and enhances chemosensitivity in lung cancer cells. <i>Oncology Letters</i> , 2020, 21, 1-1.	0.8	10

#	ARTICLE	IF	CITATIONS
5089	Improving the clinical interpretation of missense variants in X linked genes using structural analysis. <i>Journal of Medical Genetics</i> , 2022, 59, 385-392.	1.5	6
5090	Sex and Genotype Modulate the Dendritic Effects of Developmental Exposure to a Human-Relevant Polychlorinated Biphenyls Mixture in the Juvenile Mouse. <i>Frontiers in Neuroscience</i> , 2021, 15, 766802.	1.4	6
5091	Targeting Chemotherapy to Decondensed H3K27me3-Marked Chromatin of AML Cells Enhances Leukemia Suppression. <i>Cancer Research</i> , 2022, 82, 458-471.	0.4	16
5092	Variant interpretation: UCSC Genome Browser Recommended Track Sets. <i>Human Mutation</i> , 2022, , .	1.1	2
5093	Striatal Chloride Dysregulation and Impaired GABAergic Signaling Due to Cation-Chloride Cotransporter Dysfunction in Huntington's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 817013.	1.8	5
5094	Development of the Ontogenetic Self-Regulation Clock. <i>International Journal of Molecular Sciences</i> , 2022, 23, 993.	1.8	2
5095	Dietary Supplementation with $\hat{1}^3$ -Aminobutyric Acid Improves Growth, Digestive Enzyme Activity, Non-Specific Immunity and Disease Resistance against <i>Streptococcus iniae</i> in Juvenile Olive Flounder, <i>Paralichthys Olivaceus</i> . <i>Animals</i> , 2022, 12, 248.	1.0	6
5096	Estrogens regulate early embryonic development of the olfactory sensory system via estrogen-responsive glia. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	3
5097	Developmental Formation of the GABAergic and Glycinergic Networks in the Mouse Spinal Cord. <i>International Journal of Molecular Sciences</i> , 2022, 23, 834.	1.8	8
5098	The ER $\hat{1}^{\pm}$ /KDM6B regulatory axis modulates osteogenic differentiation in human mesenchymal stem cells. <i>Bone Research</i> , 2022, 10, 3.	5.4	12
5099	Similarity and Diversity of Presynaptic Molecules at Neuromuscular Junctions and Central Synapses. <i>Biomolecules</i> , 2022, 12, 179.	1.8	7
5100	Adult Neural Stem Cell Regulation by Small Non-coding RNAs: Physiological Significance and Pathological Implications. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 781434.	1.8	7
5101	The Role of OXT, OXTR, AVP, and AVPR1a Gene Expression in the Course of Schizophrenia. <i>Current Issues in Molecular Biology</i> , 2022, 44, 336-349.	1.0	8
5102	Inhibition of EZH2 transactivation function sensitizes solid tumors to genotoxic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	22
5103	The QChip1 knowledgebase and microarray for precision medicine in Qatar. <i>Npj Genomic Medicine</i> , 2022, 7, 3.	1.7	4
5104	Clinical Utility of Germline Genetic Testing in Japanese Men Undergoing Prostate Biopsy. <i>JNCI Cancer Spectrum</i> , 2022, 6, pkac001.	1.4	3
5105	GSK-126 Protects CA1 Neurons from H3K27me3-Mediated Apoptosis in Cerebral Ischemia. <i>Molecular Neurobiology</i> , 2022, 59, 2552-2562.	1.9	7
5106	No effects of transcranial direct current stimulation on visual evoked potential and peak gamma frequency. <i>Cognitive Processing</i> , 2022, , 1.	0.7	3

#	ARTICLE	IF	CITATIONS
5107	Variants in Mitochondrial $\text{ATP Synthase}$ Cause Variable Neurologic Phenotypes. <i>Annals of Neurology</i> , 2022, 91, 225-237.	2.8	12
5108	Brain-derived neurotrophic factor in Alzheimer's disease and its pharmaceutical potential. <i>Translational Neurodegeneration</i> , 2022, 11, 4.	3.6	117
5109	Lysine methyltransferase inhibitors: where we are now. <i>RSC Chemical Biology</i> , 2022, 3, 359-406.	2.0	21
5110	Population-Based Newborn Screening for Germline $\text{TP53}$ Variants: Clinical Benefits, Cost-Effectiveness, and Value of Further Research. <i>Journal of the National Cancer Institute</i> , 2022, 114, 722-731.	3.0	4
5111	Association of ultra-rare coding variants with genetic generalized epilepsy: A case-control whole exome sequencing study. <i>Epilepsia</i> , 2022, 63, 723-735.	2.6	8
5112	$\text{N}^6$ -methyladenosine and Neurological Diseases. <i>Molecular Neurobiology</i> , 2022, 59, 1925-1937.	1.9	47
5113	Towards a Comprehensive Optical Connectome at Single Synapse Resolution via Expansion Microscopy. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 754814.	1.3	3
5114	Disturbed Balance of Inhibitory Signaling Links Hearing Loss and Cognition. <i>Frontiers in Neural Circuits</i> , 2021, 15, 785603.	1.4	11
5115	A comparison on predicting functional impact of genomic variants. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, lqab122.	1.5	12
5116	The Role of the Extracellular Matrix in Neural Progenitor Cell Proliferation and Cortical Folding During Human Neocortex Development. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 804649.	1.8	13
5117	Do We Have Viable Protective Strategies against Anesthesia-Induced Developmental Neurotoxicity?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1128.	1.8	11
5118	Selective translation of epigenetic modifiers affects the temporal pattern and differentiation of neural stem cells. <i>Nature Communications</i> , 2022, 13, 470.	5.8	20
5119	Inhibition of the deubiquitinating enzyme USP47 as a novel targeted therapy for hematologic malignancies expressing mutant EZH2. <i>Leukemia</i> , 2022, 36, 1048-1057.	3.3	5
5120	Hyperexcitability and Homeostasis in Fragile X Syndrome. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 805929.	1.4	22
5121	Comparative Study on the Exacerbating Effects of Casein-Rich vs. Gluten-Rich Diets on Biochemical-Induced Features in Rodent Model of Autism. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 359-371.	1.1	2
5122	Metabolite profiling reveals a connection between aldehyde dehydrogenase 1A3 and GABA metabolism in breast cancer metastasis. <i>Metabolomics</i> , 2022, 18, 9.	1.4	10
5123	Neurobiological Highlights of Cognitive Impairment in Psychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1217.	1.8	26
5124	Synaptic dysfunction connects autism spectrum disorder and sleep disturbances: A perspective from studies in model organisms. <i>Sleep Medicine Reviews</i> , 2022, 62, 101595.	3.8	10

#	ARTICLE	IF	CITATIONS
5125	Acquired Resistance to EZH2 Inhibitor GSK343 Promotes the Differentiation of Human DLBCL Cell Lines toward an ABC-Like Phenotype. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 511-521.	1.9	3
5126	VGLUT3 neurons in median raphe control the efficacy of spatial memory retrieval via ETV4 regulation of VGLUT3 transcription. <i>Science China Life Sciences</i> , 2022, 65, 1590-1607.	2.3	8
5127	Histone deacetylase 6 inhibition restores leptin sensitivity and reduces obesity. <i>Nature Metabolism</i> , 2022, 4, 44-59.	5.1	20
5128	Viral and Host Genetic and Epigenetic Biomarkers Related to SARS-CoV-2 Cell Entry, Infection Rate, and Disease Severity. <i>Biology</i> , 2022, 11, 178.	1.3	5
5129	EEG as a translational biomarker and outcome measure in fragile X syndrome. <i>Translational Psychiatry</i> , 2022, 12, 34.	2.4	11
5130	Effect of environmental enrichment on behavioral and morphological outcomes following neonatal hypoxia-ischemia in rodent models: A systematic review and meta-analysis. <i>Molecular Neurobiology</i> , 2022, 59, 1970-1991.	1.9	7
5131	Haplotypes of single cancer driver genes and their local ancestry in a highly admixed long-lived population of Northeast Brazil. <i>Genetics and Molecular Biology</i> , 2022, 45, e20210172.	0.6	1
5132	Genetic and epigenetic mechanisms influencing acute to chronic postsurgical pain transitions in pediatrics: Preclinical to clinical evidence. <i>Canadian Journal of Pain</i> , 2022, 6, 85-107.	0.6	5
5133	The Transcriptome and Methylome of the Developing and Aging Brain and Their Relations to Gliomas and Psychological Disorders. <i>Cells</i> , 2022, 11, 362.	1.8	4
5134	The GABA Polarity Shift and Bumetanide Treatment: Making Sense Requires Unbiased and Undogmatic Analysis. <i>Cells</i> , 2022, 11, 396.	1.8	11
5135	GWAS and ExWAS of blood mitochondrial DNA copy number identifies 71 loci and highlights a potential causal role in dementia. <i>ELife</i> , 2022, 11, .	2.8	42
5136	Remodeling of lateral geniculate nucleus projections to extrastriate area MT following long-term lesions of striate cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7
5137	Harnessing the Power of Stem Cell Models to Study Shared Genetic Variants in Congenital Heart Diseases and Neurodevelopmental Disorders. <i>Cells</i> , 2022, 11, 460.	1.8	0
5138	The Control of Movements via Motor Gamma Oscillations. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 787157.	1.0	13
5139	An oncogenic splice variant of PDGFR $\alpha$ in adult glioblastoma as a therapeutic target for selective CDK4/6 inhibitors. <i>Scientific Reports</i> , 2022, 12, 1275.	1.6	6
5140	An Update on Psychopharmacological Treatment of Autism Spectrum Disorder. <i>Neurotherapeutics</i> , 2022, 19, 248-262.	2.1	47
5141	Recent Major Transcriptomics and Epitranscriptomics Contributions toward Personalized and Precision Medicine. <i>Journal of Personalized Medicine</i> , 2022, 12, 199.	1.1	3
5142	scTenifoldKnk: An efficient virtual knockout tool for gene function predictions via single-cell gene regulatory network perturbation. <i>Patterns</i> , 2022, 3, 100434.	3.1	17

#	ARTICLE	IF	CITATIONS
5143	GABAA $\alpha$ subunit control of hyperactive behavior in developing zebrafish. <i>Genetics</i> , 2022, 220, .	1.2	4
5144	Role of Descending Serotonergic Fibers in the Development of Pathophysiology after Spinal Cord Injury (SCI): Contribution to Chronic Pain, Spasticity, and Autonomic Dysreflexia. <i>Biology</i> , 2022, 11, 234.	1.3	12
5145	Exposure to GABAA Receptor Antagonist Picrotoxin in Pregnant Mice Causes Autism-Like Behaviors and Aberrant Gene Expression in Offspring. <i>Frontiers in Psychiatry</i> , 2022, 13, 821354.	1.3	4
5146	Synchronization Through Uncorrelated Noise in Excitatory-Inhibitory Networks. <i>Frontiers in Computational Neuroscience</i> , 2022, 16, 825865.	1.2	0
5147	Prdm12 regulates inhibitory neuron differentiation in mouse embryonal carcinoma cells. <i>Cytotechnology</i> , 2022, 74, 329-339.	0.7	0
5148	Autism genes converge on asynchronous development of shared neuron classes. <i>Nature</i> , 2022, 602, 268-273.	13.7	180
5149	Determination of molecular signatures and pathways common to brain tissues of autism spectrum disorder: Insights from comprehensive bioinformatics approach. <i>Informatics in Medicine Unlocked</i> , 2022, 29, 100871.	1.9	9
5150	A Comprehensive Investigation of Molecular Signatures and Pathways Linking Alzheimer's Disease and Epilepsy via Bioinformatic Approaches. <i>Current Alzheimer Research</i> , 2022, 19, 146-160.	0.7	5
5151	Intermittent Theta Burst Stimulation Increases Natural Oscillatory Frequency in Ipsilesional Motor Cortex Post-Stroke: A Transcranial Magnetic Stimulation and Electroencephalography Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 818340.	1.7	9
5152	DOT1L Is a Novel Cancer Stem Cell Target for Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 1948-1965.	3.2	21
5153	Genome Nexus: A Comprehensive Resource for the Annotation and Interpretation of Genomic Variants in Cancer. <i>JCO Clinical Cancer Informatics</i> , 2022, 6, e2100144.	1.0	4
5154	A large-scale genome and transcriptome sequencing analysis reveals the mutation landscapes induced by high-activity adenine base editors in plants. <i>Genome Biology</i> , 2022, 23, 51.	3.8	12
5155	Spatial regulation of coordinated excitatory and inhibitory synaptic plasticity at dendritic synapses. <i>Cell Reports</i> , 2022, 38, 110347.	2.9	17
5156	GABAergic System Dysfunction in Autism Spectrum Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 781327.	1.8	32
5157	Preterm Birth Alters the Maturation of the GABAergic System in the Human Prefrontal Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 827370.	1.4	6
5158	Impact of Single Amino Acid Substitutions in Parkinsonism-Associated Deglycase-PARK7 and Their Association with Parkinson's Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 220.	1.1	4
5159	Answer ALS, a large-scale resource for sporadic and familial ALS combining clinical and multi-omics data from induced pluripotent cell lines. <i>Nature Neuroscience</i> , 2022, 25, 226-237.	7.1	66
5160	Influence of Prenatal Drug Exposure, Maternal Inflammation, and Parental Aging on the Development of Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2022, 13, 821455.	1.3	15

#	ARTICLE	IF	CITATIONS
5161	Spatial-CUT&Tag: Spatially resolved chromatin modification profiling at the cellular level. <i>Science</i> , 2022, 375, 681-686.	6.0	138
5162	Brain Regeneration Resembles Brain Cancer at Its Early Wound Healing Stage and Diverges From Cancer Later at Its Proliferation and Differentiation Stages. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 813314.	1.8	6
5163	Glucagon signaling via supraphysiologic GCGR can reduce cell viability without stimulating gluconeogenic gene expression in liver cancer cells. <i>Cancer &amp; Metabolism</i> , 2022, 10, 4.	2.4	2
5164	New Strategies for the Treatment of Neuropsychiatric Disorders Based on Reelin Dysfunction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1829.	1.8	10
5165	Depression and Metabolic Syndrome: A Narrative Review. <i>Cureus</i> , 2022, 14, e22153.	0.2	6
5166	Bumetanide for Irritability in Children With Sensory Processing Problems Across Neurodevelopmental Disorders: A Pilot Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , 2022, 13, 780281.	1.3	6
5167	Case Report: A Disease Phenotype of Rett Syndrome and Neurofibromatosis Resulting from A Bilocus Variant Combination. <i>Journal of Autism and Developmental Disorders</i> , 2022, , 1.	1.7	0
5168	Optical Imaging of Epigenetic Modifications in Cancer: A Systematic Review. <i>Phenomics</i> , 2022, 2, 88-101.	0.9	6
5169	General Anesthesia and the Young Brain: The Importance of Novel Strategies with Alternate Mechanisms of Action. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1889.	1.8	3
5170	Behavioral Deficits in Adolescent Mice after Sub-Chronic Administration of NMDA during Early Stage of Postnatal Development. <i>Biomolecules and Therapeutics</i> , 2022, , .	1.1	2
5171	Startle responses in Duchenne muscular dystrophy: a novel biomarker of brain dystrophin deficiency. <i>Brain</i> , 2023, 146, 252-265.	3.7	9
5172	Good Tumor Response to Chemoradioimmunotherapy in dMMR/MSI-H Advanced Colorectal Cancer: A Case Series. <i>Frontiers in Immunology</i> , 2021, 12, 784336.	2.2	12
5173	The Architecture of a Precision Oncology Platform. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1361, 1-22.	0.8	1
5174	Sex Differences in Psychosis: Focus on Animal Models. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 133-163.	0.8	5
5175	Bisphosphate nucleotidase 2 (BPNT2), a molecular target of lithium, regulates chondroitin sulfation patterns in the cerebral cortex and hippocampus. <i>Advances in Biological Regulation</i> , 2022, 83, 100858.	1.4	2
5176	KCC2 receptor upregulation potentiates antinociceptive effect of GABAAR agonist on remifentanil-induced hyperalgesia. <i>Molecular Pain</i> , 2022, 18, 174480692210828.	1.0	6
5177	hUC-MSC-mediated recovery of subacute spinal cord injury through enhancing the pivotal subunits $\beta$ 23 and $\beta$ 2 of the GABA <sub>A</sub> receptor. <i>Theranostics</i> , 2022, 12, 3057-3078.	4.6	17
5178	Multimodal Neuroimaging in Rett Syndrome With MECP2 Mutation. <i>Frontiers in Neurology</i> , 2022, 13, 838206.	1.1	5

#	ARTICLE	IF	CITATIONS
5179	Histone methyltransferase enhancer of zeste 2 polycomb repressive complex 2 subunit exacerbates inflammation in depression rats by modulating microglia polarization. <i>Bioengineered</i> , 2022, 13, 5509-5524.	1.4	4
5180	Current applications and future perspective of CRISPR/Cas9 gene editing in cancer. <i>Molecular Cancer</i> , 2022, 21, 57.	7.9	85
5181	Invertebrate Model Organisms as a Platform to Investigate Rare Human Neurological Diseases. <i>Experimental Neurobiology</i> , 2022, 31, 1-16.	0.7	2
5182	New insights on familial colorectal cancer type X syndrome. <i>Scientific Reports</i> , 2022, 12, 2846.	1.6	10
5183	Induction of senescence-associated secretory phenotype underlies the therapeutic efficacy of PRC2 inhibition in cancer. <i>Cell Death and Disease</i> , 2022, 13, 155.	2.7	14
5184	EZH2 noncanonically binds cMyc and p300 through a cryptic transactivation domain to mediate gene activation and promote oncogenesis. <i>Nature Cell Biology</i> , 2022, 24, 384-399.	4.6	88
5185	General anesthesia bullies the gut: a toxic relationship with dysbiosis and cognitive dysfunction. <i>Psychopharmacology</i> , 2022, 239, 709-728.	1.5	14
5186	Immune Epigenetic Crosstalk Between Malignant B Cells and the Tumor Microenvironment in B Cell Lymphoma. <i>Frontiers in Genetics</i> , 2022, 13, 826594.	1.1	6
5187	Gamma frequency light flicker regulates amyloid precursor protein trafficking for reducing $\beta$ -amyloid load in Alzheimer's disease model. <i>Aging Cell</i> , 2022, 21, e13573.	3.0	11
5188	Counteracting epigenetic mechanisms regulate the structural development of neuronal circuitry in human neurons. <i>Molecular Psychiatry</i> , 2022, 27, 2291-2303.	4.1	8
5189	The Different Temozolomide Effects on Tumorigenesis Mechanisms of Pediatric Glioblastoma PBT24 and SF8628 Cell Tumor in CAM Model and on Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2001.	1.8	4
5190	N-Acetylcysteine Mitigates Social Dysfunction in a Rat Model of Autism Normalizing Glutathione Imbalance and the Altered Expression of Genes Related to Synaptic Function in Specific Brain Areas. <i>Frontiers in Psychiatry</i> , 2022, 13, 851679.	1.3	7
5191	Interplay of Low-Density Lipoprotein Receptors, LRP6, and Lipoproteins in Pulmonary Hypertension. <i>JACC Basic To Translational Science</i> , 2022, 7, 164-180.	1.9	23
5192	Diagnostic yield of next-generation sequencing in 87 families with neurodevelopmental disorders. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 60.	1.2	21
5193	Pathophysiological Studies of Monoaminergic Neurotransmission Systems in Valproic Acid-Induced Model of Autism Spectrum Disorder. <i>Biomedicines</i> , 2022, 10, 560.	1.4	12
5194	The Role of MeCP2 in Regulating Synaptic Plasticity in the Context of Stress and Depression. <i>Cells</i> , 2022, 11, 748.	1.8	12
5195	Psychostimulants influence oxidative stress and redox signatures: the role of DNA methylation. <i>Redox Report</i> , 2022, 27, 53-59.	1.4	2
5196	Hepatocellular carcinoma after a sustained virological response by direct-acting antivirals harbors TP53 inactivation. <i>Cancer Medicine</i> , 2022, , .	1.3	3

#	ARTICLE	IF	CITATIONS
5197	A review of physiological resistance to insecticide stress in <i>Nilaparvata lugens</i> . <i>3 Biotech</i> , 2022, 12, 84.	1.1	7
5198	Following Excitation/Inhibition Ratio Homeostasis from Synapse to EEG in Monogenetic Neurodevelopmental Disorders. <i>Genes</i> , 2022, 13, 390.	1.0	4
5199	Orchestration of Ion Channels and Transporters in Neocortical Development and Neurological Disorders. <i>Frontiers in Neuroscience</i> , 2022, 16, 827284.	1.4	5
5200	Experimental early-life febrile seizures cause a sustained increase in excitatory neurotransmission in newborn dentate granule cells. <i>Brain and Behavior</i> , 2022, 12, e2505.	1.0	4
5201	Strong Gamma Frequency Oscillations in the Adolescent Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2022, 42, 2917-2929.	1.7	8
5202	N-Acetylcysteine and Aripiprazole Improve Social Behavior and Cognition and Modulate Brain BDNF Levels in a Rat Model of Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2125.	1.8	10
5203	Cerebellar and Striatal Implications in Autism Spectrum Disorders: From Clinical Observations to Animal Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2294.	1.8	27
5204	Delineating the intra-patient heterogeneity of molecular alterations in treatment-naïve colorectal cancer with peritoneal carcinomatosis. <i>Modern Pathology</i> , 2022, , .	2.9	4
5205	Targeted Therapy for Relapsed/Refractory Follicular Lymphoma: Focus on Clinical Utility of Tazemetostat. <i>OncoTargets and Therapy</i> , 2022, Volume 15, 193-199.	1.0	2
5206	Decreased in vivo glutamate/GABA ratio correlates with the social behavior deficit in a mouse model of autism spectrum disorder. <i>Molecular Brain</i> , 2022, 15, 19.	1.3	10
5207	Chronic partial TrkB activation reduces seizures and mortality in a mouse model of Dravet syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	12
5208	Identification of Nanog as a novel inhibitor of Rad51. <i>Cell Death and Disease</i> , 2022, 13, 193.	2.7	3
5209	Sex-specific differences in KCC2 localisation and inhibitory synaptic transmission in the rat hippocampus. <i>Scientific Reports</i> , 2022, 12, 3186.	1.6	2
5210	Multielectrode Arrays for Functional Phenotyping of Neurons from Induced Pluripotent Stem Cell Models of Neurodevelopmental Disorders. <i>Biology</i> , 2022, 11, 316.	1.3	23
5211	The histone demethylase Kdm6b regulates subtype diversification of mouse spinal motor neurons during development. <i>Nature Communications</i> , 2022, 13, 958.	5.8	9
5212	Epigenetic and Epitranscriptomic Control in Prostate Cancer. <i>Genes</i> , 2022, 13, 378.	1.0	15
5213	Excitation and Inhibition Imbalance in Rett Syndrome. <i>Frontiers in Neuroscience</i> , 2022, 16, 825063.	1.4	12
5214	Emerging Evidence for the Widespread Role of Glutamatergic Dysfunction in Neuropsychiatric Diseases. <i>Nutrients</i> , 2022, 14, 917.	1.7	24

#	ARTICLE	IF	CITATIONS
5215	A Flp-dependent G-CaMP9a transgenic mouse for neuronal imaging in vivo. <i>Cell Reports Methods</i> , 2022, 2, 100168.	1.4	9
5216	Specific Expression of KCC2 in the $\hat{I}\pm$ Cells of Normal and Type 1 Diabetes Model Mouse Pancreatic Islets. <i>Acta Histochemica Et Cytochemica</i> , 2022, 55, 47-56.	0.8	3
5217	Current and Future Approaches to Classify VUSs in LGMD-Related Genes. <i>Genes</i> , 2022, 13, 382.	1.0	3
5218	Repetitive Restricted Behaviors in Autism Spectrum Disorder: From Mechanism to Development of Therapeutics. <i>Frontiers in Neuroscience</i> , 2022, 16, 780407.	1.4	19
5219	Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?. <i>Frontiers in Nutrition</i> , 2022, 9, 827384.	1.6	10
5220	Loss of KCC2 in GABAergic Neurons Causes Seizures and an Imbalance of Cortical Interneurons. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 826427.	1.4	6
5221	GABA Receptors Can Depolarize the Neuronal Membrane Potential via Quantum Tunneling of Chloride Ions: A Quantum Mathematical Study. <i>Cells</i> , 2022, 11, 1145.	1.8	4
5222	Downregulation of MEIS1 mediated by ELFN1-AS1/EZH2/DNMT3a axis promotes tumorigenesis and oxaliplatin resistance in colorectal cancer. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 87.	7.1	57
5223	Merkel Cell Carcinoma Sensitivity to EZH2 Inhibition Is Mediated by SIX1 Derepression. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2783-2792.e15.	0.3	10
5224	Breathing Abnormalities During Sleep and Wakefulness in Rett Syndrome: Clinical Relevance and Paradoxical Relationship With Circulating Pro-oxidant Markers. <i>Frontiers in Neurology</i> , 2022, 13, 833239.	1.1	7
5225	Epigenome editing and epigenetic gene regulation in disease phenotypes. <i>Korean Journal of Chemical Engineering</i> , 0, , 1.	1.2	0
5226	Autism Spectrum Disorder: Focus on Glutamatergic Neurotransmission. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3861.	1.8	28
5227	The emerging role of mass spectrometry-based proteomics in drug discovery. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 637-654.	21.5	110
5228	Pervasive occurrence of splice-site-creating mutations and their possible involvement in genetic disorders. <i>Npj Genomic Medicine</i> , 2022, 7, 22.	1.7	3
5229	Visual consciousness dynamics in adults with and without autism. <i>Scientific Reports</i> , 2022, 12, 4376.	1.6	9
5230	In vivo prime editing of a metabolic liver disease in mice. <i>Science Translational Medicine</i> , 2022, 14, eab19238.	5.8	71
5231	A weakened recurrent circuit in the hippocampus of Rett syndrome mice disrupts long-term memory representations. <i>Neuron</i> , 2022, 110, 1689-1699.e6.	3.8	8
5232	The synaptic scaffold protein MPP2 interacts with GABAA receptors at the periphery of the postsynaptic density of glutamatergic synapses. <i>PLoS Biology</i> , 2022, 20, e3001503.	2.6	6

#	ARTICLE	IF	CITATIONS
5233	Silencing of Ago-2 Interacting Protein SERBP1 Relieves KCC2 Repression by miR-92 in Neurons. <i>Cells</i> , 2022, 11, 1052.	1.8	5
5234	Regulating Endogenous Neural Stem Cell Activation to Promote Spinal Cord Injury Repair. <i>Cells</i> , 2022, 11, 846.	1.8	26
5235	LncRNAs and Chromatin Modifications Pattern m6A Methylation at the Untranslated Regions of mRNAs. <i>Frontiers in Genetics</i> , 2022, 13, 866772.	1.1	2
5236	Neurocan regulates vulnerability to stress and the anti-depressant effect of ketamine in adolescent rats. <i>Molecular Psychiatry</i> , 2022, 27, 2522-2532.	4.1	15
5237	Keeping the Balance: GABAB Receptors in the Developing Brain and Beyond. <i>Brain Sciences</i> , 2022, 12, 419.	1.1	13
5238	Effects of Intermittent Fasting on Brain Metabolism. <i>Nutrients</i> , 2022, 14, 1275.	1.7	17
5239	Lateralized Changes in Language Associated Auditory and Somatosensory Cortices in Autism. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, 787448.	1.2	4
5240	The Non-Linear Path from Gene Dysfunction to Genetic Disease: Lessons from the MICPCH Mouse Model. <i>Cells</i> , 2022, 11, 1131.	1.8	4
5241	Time Window of the Critical Period for Neuroplasticity in S1, V1, and A1 Sensory Areas of Small Rodents: A Systematic Review. <i>Frontiers in Neuroanatomy</i> , 2022, 16, 763245.	0.9	4
5242	The Pathophysiological Link Between Reelin and Autism: Overview and New Insights. <i>Frontiers in Genetics</i> , 2022, 13, 869002.	1.1	6
5243	A plant-based diet differentially affects the global hepatic methylome in rainbow trout depending on genetic background. <i>Epigenetics</i> , 2022, 17, 1726-1737.	1.3	1
5244	Literature Cases Summarized Based on Their Polysomnographic Findings in Rett Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3422.	1.2	5
5245	Of Humans and Gerbils Independent Diversification of Neuroligin-4 Into X- and Y-Specific Genes in Primates and Rodents. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 838262.	1.4	1
5246	The Cerebellar Involvement in Autism Spectrum Disorders: From the Social Brain to Mouse Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3894.	1.8	40
5247	Ocean acidification affects the expression of neuroplasticity and neuromodulation markers in seabream. <i>Biology Open</i> , 2022, 11, .	0.6	3
5248	MR-Spectroscopy of GABA and Glutamate/Glutamine Concentrations in Auditory Cortex in Clinical High-Risk for Psychosis Individuals. <i>Frontiers in Psychiatry</i> , 2022, 13, 859322.	1.3	0
5249	Into the Tissues: Extracellular Matrix and Its Artificial Substitutes: Cell Signalling Mechanisms. <i>Cells</i> , 2022, 11, 914.	1.8	38
5250	Differential assembly diversifies GABAA receptor structures and signalling. <i>Nature</i> , 2022, 604, 190-194.	13.7	36

#	ARTICLE	IF	CITATIONS
5251	SWI/SNF Antagonism of PRC2 Mediates Estrogen-Induced Progesterone Receptor Expression. <i>Cells</i> , 2022, 11, 1000.	1.8	12
5252	Corticosterone induces discrete epigenetic signatures in the dorsal and ventral hippocampus that depend upon sex and genotype: focus on methylated Nr3c1 gene. <i>Translational Psychiatry</i> , 2022, 12, 109.	2.4	9
5253	Glycine Receptor Subtypes and Their Roles in Nociception and Chronic Pain. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 848642.	1.4	9
5254	Reprogramming of fibroblasts into expandable cardiovascular progenitor cells via small molecules in xeno-free conditions. <i>Nature Biomedical Engineering</i> , 2022, 6, 403-420.	11.6	18
5255	Three-Day Continuous Oxytocin Infusion Attenuates Thermal and Mechanical Nociception by Rescuing Neuronal Chloride Homeostasis via Upregulation KCC2 Expression and Function. <i>Frontiers in Pharmacology</i> , 2022, 13, 845018.	1.6	1
5256	Phenotypic Spectrum and Prognosis of Epilepsy Patients With GABRG2 Variants. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 809163.	1.4	3
5257	GABAB receptors constrain glutamate presynaptic release and postsynaptic actions in substantia gelatinosa of rat spinal cord. <i>Brain Structure and Function</i> , 2022, 227, 1893-1905.	1.2	2
5258	Extracellular Matrix Recycling as a Novel Plasticity Mechanism With a Potential Role in Disease. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 854897.	1.8	3
5259	Distinct Functional Alterations and Therapeutic Options of Two Pathological De Novo Variants of the T292 Residue of GABRA1 Identified in Children with Epileptic Encephalopathy and Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2723.	1.8	6
5260	Do All Roads Lead to Rome? Genes Causing Dravet Syndrome and Dravet Syndrome-Like Phenotypes. <i>Frontiers in Neurology</i> , 2022, 13, 832380.	1.1	3
5261	Ligand-Gated Ion Channels as Targets for Treatment and Management of Cancers. <i>Frontiers in Physiology</i> , 2022, 13, 839437.	1.3	7
5262	Arrow of Time, Entropy, and Protein Folding: Holistic View on Biochirality. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3687.	1.8	3
5263	Progressive choreodystonia in X-linked hyper-IgM immunodeficiency: a rare but recurrent presentation. <i>Annals of Clinical and Translational Neurology</i> , 2022, , .	1.7	0
5264	Phenolics as GABAA Receptor Ligands: An Updated Review. <i>Molecules</i> , 2022, 27, 1770.	1.7	6
5265	Histone Acetylation and Methylation Underlie Oligodendroglial and Myelin Susceptibility in Schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 823708.	1.8	4
5266	Combined Theoretical, Bioinformatic, and Biochemical Analyses of RNA Editing by Adenine Base Editors. <i>CRISPR Journal</i> , 2022, 5, 294-310.	1.4	4
5267	Multiscale Mechanobiology in Brain Physiology and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 823857.	1.8	22
5268	FrCas9 is a CRISPR/Cas9 system with high editing efficiency and fidelity. <i>Nature Communications</i> , 2022, 13, 1425.	5.8	17

#	ARTICLE	IF	CITATIONS
5269	Cognitive Dysfunction and Prefrontal Cortical Circuit Alterations in Schizophrenia: Developmental Trajectories. <i>Biological Psychiatry</i> , 2022, 92, 450-459.	0.7	34
5270	Whole exome sequencing of pediatric leukemia reveals a novel InDel within FLT-3 gene in AML patient from Mizo tribal population, Northeast India. <i>BMC Genomic Data</i> , 2022, 23, 23.	0.7	4
5271	Gabrb3 endothelial cell-specific knockout mice display abnormal blood flow, hypertension, and behavioral dysfunction. <i>Scientific Reports</i> , 2022, 12, 4922.	1.6	4
5272	Hyperammonemia Enhances GABAergic Neurotransmission in Hippocampus: Underlying Mechanisms and Modulation by Extracellular cGMP. <i>Molecular Neurobiology</i> , 2022, 59, 3431-3448.	1.9	3
5273	An expanded phenotype centric benchmark of variant prioritisation tools. <i>Human Mutation</i> , 2022, 43, 539-546.	1.1	9
5274	Selective Xi reactivation and alternative methods to restore MECP2 function in Rett syndrome. <i>Trends in Genetics</i> , 2022, 38, 920-943.	2.9	13
5275	Polyamines Metabolism Interacts with $\hat{I}^3$ -Aminobutyric Acid, Proline and Nitrogen Metabolisms to Affect Drought Tolerance of Creeping Bentgrass. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2779.	1.8	17
5277	A cytosine base editor toolkit with varying activity windows and target scopes for versatile gene manipulation in plants. <i>Nucleic Acids Research</i> , 2022, 50, 3565-3580.	6.5	21
5278	KMT2A: Umbrella Gene for Multiple Diseases. <i>Genes</i> , 2022, 13, 514.	1.0	17
5279	Association between germline pathogenic variants and breast cancer risk in Japanese women: The HERPACC study. <i>Cancer Science</i> , 2022, 113, 1451-1462.	1.7	2
5280	Cell type-specific mechanism of Setd1a heterozygosity in schizophrenia pathogenesis. <i>Science Advances</i> , 2022, 8, eabm1077.	4.7	16
5281	Reconsidering animal models used to study autism spectrum disorder: Current state and optimizing future. <i>Genes, Brain and Behavior</i> , 2022, 21, e12803.	1.1	55
5282	Whole genome sequencing delineates regulatory, copy number, and cryptic splice variants in early onset cardiomyopathy. <i>Npj Genomic Medicine</i> , 2022, 7, 18.	1.7	14
5283	Microglia regulate chandelier cell axo-axonic synaptogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2114476119.	3.3	26
5284	A multi-dimensional integrative scoring framework for predicting functional variants in the human genome. <i>American Journal of Human Genetics</i> , 2022, 109, 446-456.	2.6	18
5285	Clinical impact of genetic alterations of <i>CTNNB1</i> in patients with grade 3 endometrial endometrioid carcinoma. <i>Cancer Science</i> , 2022, 113, 1712-1721.	1.7	3
5286	<i>seqr</i> : A web-based analysis and collaboration tool for rare disease genomics. <i>Human Mutation</i> , 2022, , .	1.1	31
5287	Emergence of probabilistic representation in the neural network of primary visual cortex. <i>IScience</i> , 2022, 25, 103975.	1.9	3

#	ARTICLE	IF	CITATIONS
5288	Improving clinical trial readiness to accelerate development of new therapeutics for Rett syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 108.	1.2	9
5289	Region-specific associations between gamma-aminobutyric acid A receptor binding and cortical thickness in high-functioning autistic adults. <i>Autism Research</i> , 2022, 15, 1068-1082.	2.1	4
5290	A Phase III Study of Bumetanide Oral Liquid Formulation for the Treatment of Children and Adolescents Aged Between 7 and 17 Years with Autism Spectrum Disorder (SIGN 1 Trial): Participant Baseline Characteristics. <i>Child Psychiatry and Human Development</i> , 2023, 54, 1360-1372.	1.1	4
5291	Emerging roles of JMJD3 in cancer. <i>Clinical and Translational Oncology</i> , 2022, 24, 1238-1249.	1.2	8
5292	Postnatal GABAA Receptor Activation Alters Synaptic Plasticity and Cognition in Adult Wistar Rats. <i>Molecular Neurobiology</i> , 2022, , 1.	1.9	2
5293	Selective requirement for polycomb repressor complex 2 in the generation of specific hypothalamic neuronal subtypes. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	4
5294	The long and short non-coding RNAs modulating EZH2 signaling in cancer. <i>Journal of Hematology and Oncology</i> , 2022, 15, 18.	6.9	89
5295	Gain-of-function and loss-of-function GABRB3 variants lead to distinct clinical phenotypes in patients with developmental and epileptic encephalopathies. <i>Nature Communications</i> , 2022, 13, 1822.	5.8	32
5296	Advancing respiratory cardiovascular physiology with the working heart-brainstem preparation over 25 years. <i>Journal of Physiology</i> , 2022, 600, 2049-2075.	1.3	22
5297	Diabetes and Familial Hypercholesterolemia: Interplay between Lipid and Glucose Metabolism. <i>Nutrients</i> , 2022, 14, 1503.	1.7	11
5298	Neural Hyperactivity Is a Core Pathophysiological Change Induced by Deletion of a High Autism Risk Gene <i>Ash1L</i> in the Mouse Brain. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 873466.	1.0	2
5299	Neurodevelopmental disorder with microcephaly, hypotonia, and variable brain anomalies in a consanguineous Iranian family is associated with a homozygous start loss variant in the <i>PRUNE1</i> gene. <i>BMC Medical Genomics</i> , 2022, 15, 78.	0.7	3
5300	Exploiting deep transfer learning for the prediction of functional non-coding variants using genomic sequence. <i>Bioinformatics</i> , 2022, 38, 3164-3172.	1.8	9
5301	A tumor suppressor role for EZH2 in diffuse midline glioma pathogenesis. <i>Acta Neuropathologica Communications</i> , 2022, 10, 47.	2.4	11
5302	EZH2 Inhibitors Suppress Colorectal Cancer by Regulating Macrophage Polarization in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2022, 13, 857808.	2.2	13
5303	Precise in vivo functional analysis of DNA variants with base editing using ACEofBASEs target prediction. <i>ELife</i> , 2022, 11, .	2.8	12
5304	Monogenic and Polygenic Contributions to QTc Prolongation in the Population. <i>Circulation</i> , 2022, 145, 1524-1533.	1.6	14
5305	Resveratrol Prevents Cytoarchitectural and Interneuronal Alterations in the Valproic Acid Rat Model of Autism. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4075.	1.8	6

#	ARTICLE	IF	CITATIONS
5306	The Status and Prospects of Epigenetics in the Treatment of Lymphoma. <i>Frontiers in Oncology</i> , 2022, 12, 874645.	1.3	7
5307	Excitatory and Inhibitory Synaptic Imbalance Caused by Brain-Derived Neurotrophic Factor Deficits During Development in a Valproic Acid Mouse Model of Autism. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 860275.	1.4	9
5308	The long-term impact of elevated C-reactive protein levels during pregnancy on brain morphology in late childhood. <i>Brain, Behavior, and Immunity</i> , 2022, 103, 63-72.	2.0	7
5309	Schizophrenia, Bipolar Disorder and Pre-Attentional Inhibitory Deficits. <i>Neuropsychiatric Disease and Treatment</i> , 2022, Volume 18, 821-827.	1.0	1
5310	Human clinical mutations in mitochondrially encoded subunits of Complex I can be successfully modeled in <i>E. coli</i> . <i>Mitochondrion</i> , 2022, 64, 59-72.	1.6	1
5311	Microfluidic fabrication of lipid nanoparticles for the delivery of nucleic acids. <i>Advanced Drug Delivery Reviews</i> , 2022, 184, 114197.	6.6	29
5312	Exploration of group II metabotropic glutamate receptor modulation in mouse models of Rett syndrome and MECP2 Duplication syndrome. <i>Neuropharmacology</i> , 2022, 209, 109022.	2.0	3
5313	Cortical oscillatory dysrhythmias in visual snow syndrome: a magnetoencephalography study. <i>Brain Communications</i> , 2022, 4, fcab296.	1.5	10
5314	Novel In-Frame Deletion in HTRA1 Gene, Responsible for Stroke at a Young Age and Dementia—A Case Study. <i>Genes</i> , 2021, 12, 1955.	1.0	4
5315	Functional Characterization of Human Pluripotent Stem Cell-Derived Models of the Brain with Microelectrode Arrays. <i>Cells</i> , 2022, 11, 106.	1.8	23
5316	JNK signaling provides a novel therapeutic target for Rett syndrome. <i>BMC Biology</i> , 2021, 19, 256.	1.7	6
5317	Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. <i>Cell Reports</i> , 2021, 37, 110142.	2.9	16
5318	Gene by environment interaction mouse model reveals a functional role for 5-hydroxymethylcytosine in neurodevelopmental disorders. <i>Genome Research</i> , 2022, 32, 266-279.	2.4	6
5319	Ionophore Ability of Carnosine and Its Trehalose Conjugate Assists Copper Signal in Triggering Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor Activation In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13504.	1.8	4
5320	Fundamental Clock of Biological Aging: Convergence of Molecular, Neurodegenerative, Cognitive and Psychiatric Pathways: Non-Equilibrium Thermodynamics Meet Psychology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 285.	1.8	7
5321	The neurochemical pathology of schizophrenia: post-mortem studies from dopamine to parvalbumin. <i>Journal of Neural Transmission</i> , 2022, 129, 643-647.	1.4	6
5322	Neuronal exposure induces neurotransmitter signaling and synaptic mediators in tumors early in brain metastasis. <i>Neuro-Oncology</i> , 2022, 24, 914-924.	0.6	6
5323	MeCP2 haplodeficiency and early-life stress interaction on anxiety-like behavior in adolescent female mice. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 59.	1.5	6

#	ARTICLE	IF	CITATIONS
5324	Histone Modifications and Their Targeting in Lymphoid Malignancies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 253.	1.8	5
5325	High Frequency of Juxtamembrane Domain ERBB2 Mutation in Gastric Cancer. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 105-112.	1.0	7
5326	Assessment of behavioral, morphological and electrophysiological changes in prenatal and postnatal valproate induced rat models of autism spectrum disorder. <i>Scientific Reports</i> , 2021, 11, 23471.	1.6	25
5327	Atypical cerebellar functional connectivity at 9 months of age predicts delayed socio-communicative profiles in infants at high and low risk for autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1002-1016.	3.1	7
5328	Tracking the Dynamic Histone Methylation of H3K27 in Live Cancer Cells. <i>ACS Sensors</i> , 2021, 6, 4369-4378.	4.0	5
5329	KDM6B promotes activation of the oncogenic CDK4/6-pRB-E2F pathway by maintaining enhancer activity in MYCN-amplified neuroblastoma. <i>Nature Communications</i> , 2021, 12, 7204.	5.8	22
5330	RKIP Pleiotropic Activities in Cancer and Inflammatory Diseases: Role in Immunity. <i>Cancers</i> , 2021, 13, 6247.	1.7	5
5331	Developmental Exposure to a Human-Relevant Polychlorinated Biphenyl Mixture Causes Behavioral Phenotypes That Vary by Sex and Genotype in Juvenile Mice Expressing Human Mutations That Modulate Neuronal Calcium. <i>Frontiers in Neuroscience</i> , 2021, 15, 766826.	1.4	17
5332	Magnetoencephalography Studies of the Envelope Following Response During Amplitude-Modulated Sweeps: Diminished Phase Synchrony in Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 787229.	1.0	9
5333	Exome Sequencing Reveals Novel Variants and Expands the Genetic Landscape for Congenital Microcephaly. <i>Genes</i> , 2021, 12, 2014.	1.0	8
5334	Perinatal Penicillin Exposure Affects Cortical Development and Sensory Processing. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 704219.	1.4	4
5335	Differential brain ADRA2A and ADRA2C gene expression and epigenetic regulation in schizophrenia. Effect of antipsychotic drug treatment. <i>Translational Psychiatry</i> , 2021, 11, 643.	2.4	10
5336	Tightly coupled inhibitory and excitatory functional networks in the developing primary visual cortex. <i>ELife</i> , 2021, 10, .	2.8	10
5337	Mismatch repair deficiency in early-onset duodenal, ampullary, and pancreatic carcinomas is a strong indicator for a hereditary defect. <i>Journal of Pathology: Clinical Research</i> , 2022, 8, 181-190.	1.3	1
5338	A schizophrenia subgroup with elevated inflammation displays reduced microglia, increased peripheral immune cell and altered neurogenesis marker gene expression in the subependymal zone. <i>Translational Psychiatry</i> , 2021, 11, 635.	2.4	33
5339	Quantitative Beziehungen zwischen Lichtreiz und Kontraktion des Musculus sphincter pupillae vom Scheibenzäugler ( <i>Discoglossus pictus</i> ). <i>Kybernetik</i> , 1963, 1, 249-267.	0.7	12
5340	The use of base editing technology to characterize single nucleotide variants. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1670-1680.	1.9	4
5341	Effects of GSK-J4 on JMJD3 Histone Demethylase in Mouse Prostate Cancer Xenografts. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 339-349.	1.0	6

#	ARTICLE	IF	CITATIONS
5342	PhyloPGM: boosting regulatory function prediction accuracy using evolutionary information. <i>Bioinformatics</i> , 2022, 38, i299-i306.	1.8	1
5343	Intraductal prostate cancer: An aggressive subset of prostate cancers? Immunophenotypic evaluation. <i>Urology Annals</i> , 2022, 14, 177.	0.3	0
5344	Epidermolysis bullosa: A report of three cases with novel heterozygous deletions in PLEC and homozygous non sense mutations in COL7A1 genes. <i>Indian Journal of Dermatology</i> , 2022, 67, 45.	0.1	0
5345	Maturation Delay of Human GABAergic Neurogenesis in Fragile X Syndrome Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2022, 11, 613-629.	1.6	9
5346	Regulation of Cell Delamination During Cortical Neurodevelopment and Implication for Brain Disorders. <i>Frontiers in Neuroscience</i> , 2022, 16, 824802.	1.4	3
5347	Case Review: Whole-Exome Sequencing Analyses Identify Carriers of a Known Likely Pathogenic Intronic BRCA1 Variant in Ovarian Cancer Cases Clinically Negative for Pathogenic BRCA1 and BRCA2 Variants. <i>Genes</i> , 2022, 13, 697.	1.0	3
5348	Are transient protein-protein interactions more dispensable?. <i>PLoS Computational Biology</i> , 2022, 18, e1010013.	1.5	10
5349	The genomic landscape of blood groups in Indigenous Australians in remote communities. <i>Transfusion</i> , 2022, , .	0.8	4
5350	Step by step: cells with multiple functions in cortical circuit assembly. <i>Nature Reviews Neuroscience</i> , 2022, 23, 395-410.	4.9	14
5351	Modeling common and rare genetic risk factors of neuropsychiatric disorders in human induced pluripotent stem cells. <i>Schizophrenia Research</i> , 2022, , .	1.1	6
5352	Region-Specific Alterations of Perineuronal Net Expression in Postmortem Autism Brain Tissue. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 838918.	1.4	6
5353	An integrated systems-level model of ochratoxin A toxicity in the zebrafish ( <i>Danio rerio</i> ) embryo based on NMR metabolic profiling. <i>Scientific Reports</i> , 2022, 12, 6341.	1.6	5
5354	Progesterone activates GPR126 to promote breast cancer development via the Gi pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117004119.	3.3	13
5355	Intellectual disability associated with craniofacial dysmorphism due to POLR3B mutation and defect in spliceosomal machinery. <i>BMC Medical Genomics</i> , 2022, 15, 89.	0.7	1
5356	The role of epigenetic modifications in Colorectal Cancer Metastasis. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 521-539.	1.7	6
5357	Human APOER2 isoforms have differential cleavage events and synaptic properties. <i>Journal of Neuroscience</i> , 2022, , JN-RM-1800-21.	1.7	5
5358	NKCC1 Deficiency in Forming Hippocampal Circuits Triggers Neurodevelopmental Disorder: Role of BDNF-TrkB Signalling. <i>Brain Sciences</i> , 2022, 12, 502.	1.1	6
5359	Spatial covariance analysis reveals the residue-by-residue thermodynamic contribution of variation to the CFTR fold. <i>Communications Biology</i> , 2022, 5, 356.	2.0	10

#	ARTICLE	IF	CITATIONS
5360	Cell-Selective Adeno-Associated Virus-Mediated <i>SCN1A</i> Gene Regulation Therapy Rescues Mortality and Seizure Phenotypes in a Dravet Syndrome Mouse Model and Is Well Tolerated in Nonhuman Primates. <i>Human Gene Therapy</i> , 2022, 33, 579-597.	1.4	33
5361	Whole-exome sequencing reveals damaging gene variants associated with hypoalphalipoproteinemia. <i>Journal of Lipid Research</i> , 2022, 63, 100209.	2.0	2
5362	Using whole-genome sequencing to characterize clinically significant blood groups among healthy older Australians. <i>Blood Advances</i> , 2022, 6, 4593-4604.	2.5	1
5363	Predicting the functional impact of <i>KCNQ1</i> variants with artificial neural networks. <i>PLoS Computational Biology</i> , 2022, 18, e1010038.	1.5	5
5364	Electrophysiological and Behavioral Evidence for Hyper- and Hyposensitivity in Rare Genetic Syndromes Associated with Autism. <i>Genes</i> , 2022, 13, 671.	1.0	9
5365	Psychosocial Stress, Epileptic-Like Symptoms and Psychotic Experiences. <i>Frontiers in Psychology</i> , 2022, 13, 804628.	1.1	2
5366	Motor Cortex Excitation/Inhibition Imbalance in Young Adults With Autism Spectrum Disorder: A MRS-TMS Approach. <i>Frontiers in Psychiatry</i> , 2022, 13, 860448.	1.3	7
5367	Altered gene expression due to aberrant DNA methylation correlates with responsiveness to anti-EGFR antibody treatment. <i>Cancer Science</i> , 2022, , .	1.7	3
5368	Association between EEG Paroxysmal Abnormalities and Levels of Plasma Amino Acids and Urinary Organic Acids in Children with Autism Spectrum Disorder. <i>Children</i> , 2022, 9, 540.	0.6	4
5369	Cellular and molecular signatures of in vivo imaging measures of GABAergic neurotransmission in the human brain. <i>Communications Biology</i> , 2022, 5, 372.	2.0	1
5370	<i>Bifidobacterium longum</i> CCFM1077 Ameliorated Neurotransmitter Disorder and Neuroinflammation Closely Linked to Regulation in the Kynurenine Pathway of Autistic-like Rats. <i>Nutrients</i> , 2022, 14, 1615.	1.7	15
5371	A Versatile Synthetic Affinity Probe Reveals Inhibitory Synapse Ultrastructure and Brain Connectivity. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	3
5372	Cellular and behavioral effects of altered <i>Nav1.2</i> sodium channel ion permeability in <i>Scn2a</i> <i>K1422E</i> mice. <i>Human Molecular Genetics</i> , 2022, 31, 2964-2988.	1.4	15
5373	Chronic sodium bromide treatment relieves autistic-like behavioral deficits in three mouse models of autism. <i>Neuropsychopharmacology</i> , 2022, 47, 1680-1692.	2.8	6
5374	Targeting mutations in cancer. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	56
5375	Truncated <i>jarid2</i> and <i>kdm6b</i> transcripts are associated with temperature-induced sex reversal during development in a dragon lizard. <i>Science Advances</i> , 2022, 8, eabk0275.	4.7	6
5376	Positron Emission Tomography in the Neuroimaging of Autism Spectrum Disorder: A Review. <i>Frontiers in Neuroscience</i> , 2022, 16, 806876.	1.4	7
5377	Beta-Amyloid (A $\beta$ 1-42) Increases the Expression of <i>NKCC1</i> in the Mouse Hippocampus. <i>Molecules</i> , 2022, 27, 2440.	1.7	9

#	ARTICLE	IF	CITATIONS
5378	The paradigm of drug resistance in cancer: an epigenetic perspective. <i>Bioscience Reports</i> , 2022, 42, .	1.1	21
5379	Neuroligins in neurodevelopmental conditions: how mouse models of <i>de novo</i> mutations can help us link synaptic function to social behavior. <i>Neuronal Signaling</i> , 2022, 6, .	1.7	6
5380	Beyond the marks: reader-effectors as drivers of epigenetics and chromatin engineering. <i>Trends in Biochemical Sciences</i> , 2022, 47, 417-432.	3.7	12
5381	The clinical significance of epigenetic and RNAPII variabilities occurring in clear cell renal cell carcinoma as a potential prognostic marker. <i>Translational Oncology</i> , 2022, 20, 101420.	1.7	4
5382	Elevation of EGR1/zif268, a Neural Activity Marker, in the Auditory Cortex of Patients with Schizophrenia and its Animal Model. <i>Neurochemical Research</i> , 2022, , 1.	1.6	3
5383	Chromatin profiling in human neurons reveals aberrant roles for histone acetylation and BET family proteins in schizophrenia. <i>Nature Communications</i> , 2022, 13, 2195.	5.8	13
5384	Genetic variants in ALDH1L1 and GLDC influence the serine-to-glycine ratio in Hispanic children. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 500-510.	2.2	3
5385	Therapeutic Targeting of EZH2 and BET BRD4 in Pediatric Rhabdoid Tumors. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 715-726.	1.9	11
5391	Targeting EZH1/2 induces cell cycle arrest and inhibits cell proliferation through reactivation of p57CDKN1C and TP53INP1 in mantle cell lymphoma. <i>Cancer Biology and Medicine</i> , 2019, 16, 530-541.	1.4	13
5392	Understanding the Molecular Basis of Fragile X Syndrome Using Differentiated Mesenchymal Stem Cells.. <i>Iranian Journal of Child Neurology</i> , 2022, 16, 85-95.	0.2	0
5394	Nutrient sensitive protein <i>O</i> -GlcNAcylation modulates the transcriptome through epigenetic mechanisms during embryonic neurogenesis. <i>Life Science Alliance</i> , 2022, 5, e202201385.	1.3	6
5395	Identification of Region-Specific Cytoskeletal and Molecular Alterations in Astrocytes of Mecp2 Deficient Animals. <i>Frontiers in Neuroscience</i> , 2022, 16, 823060.	1.4	3
5400	Neuromolecular Etiology of Bipolar Disorder: Possible Therapeutic Targets of Mood Stabilizers. <i>Clinical Psychopharmacology and Neuroscience</i> , 2022, 20, 228-239.	0.9	4
5401	Gadd45 in Neuronal Development, Function, and Injury. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1360, 117-148.	0.8	2
5402	Copper in the tumor microenvironment and tumor metastasis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2022, 71, 22-28.	0.6	12
5403	New Insights into TETs in Psychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4909.	1.8	3
5404	Revealing the Impact of Mitochondrial Fitness During Early Neural Development Using Human Brain Organoids. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 840265.	1.4	1
5405	Germline Pathogenic Variants Impact Clinicopathology of Advanced Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 1450-1459.	1.1	10

#	ARTICLE	IF	CITATIONS
5406	Pathway-Based Analysis Revealed the Role of Keap1-Nrf2 Pathway and PI3K-Akt Pathway in Chinese Esophageal Squamous Cell Carcinoma Patients With Definitive Chemoradiotherapy. <i>Frontiers in Genetics</i> , 2021, 12, 799663.	1.1	5
5407	Vascular Regulation of Developmental Neurogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 890852.	1.8	19
5408	Network Approaches for Charting the Transcriptomic and Epigenetic Landscape of the Developmental Origins of Health and Disease. <i>Genes</i> , 2022, 13, 764.	1.0	1
5409	The first case report of spinocerebellar ataxia type-40 in India: novel phenotypic and radiological (bilateral olivary degeneration) features and a comprehensive review of this remarkable radiological sign. <i>Neurological Sciences</i> , 2022, 43, 5111-5117.	0.9	3
5410	The Genetic and Molecular Analyses of RAD51C and RAD51D Identifies Rare Variants Implicated in Hereditary Ovarian Cancer from a Genetically Unique Population. <i>Cancers</i> , 2022, 14, 2251.	1.7	4
5411	Epitranscriptomic dynamics in brain development and disease. <i>Molecular Psychiatry</i> , 2022, 27, 3633-3646.	4.1	10
5412	Inheritance of repressed chromatin domains during S phase requires the histone chaperone NPM1. <i>Science Advances</i> , 2022, 8, eabm3945.	4.7	15
5413	Classification of non-coding variants with high pathogenic impact. <i>PLoS Genetics</i> , 2022, 18, e1010191.	1.5	15
5414	The JMJD Family Histone Demethylases in Crosstalk Between Inflammation and Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 881396.	2.2	3
5415	Different Effects of Valproic Acid on SLC12A2, SLC12A5 and SLC5A8 Gene Expression in Pediatric Glioblastoma Cells as an Approach to Personalised Therapy. <i>Biomedicines</i> , 2022, 10, 968.	1.4	3
5416	Genetic Regulation of Vertebrate Forebrain Development by Homeobox Genes. <i>Frontiers in Neuroscience</i> , 2022, 16, 843794.	1.4	14
5417	Endothelial Cells Mediated by UCP2 Control the Neurogenic to Astrogenic Neural Stem Cells Fate Switch During Brain Development. <i>Advanced Science</i> , 2022, 9, e2105208.	5.6	7
5418	It's About Time: The Circadian Network as Time-Keeper for Cognitive Functioning, Locomotor Activity and Mental Health. <i>Frontiers in Physiology</i> , 2022, 13, 873237.	1.3	16
5419	Paradoxical Hyperexcitability in Disorders of Neurodevelopment. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 826679.	1.4	3
5420	Shisa7 phosphorylation regulates GABAergic transmission and neurodevelopmental behaviors. <i>Neuropsychopharmacology</i> , 2022, 47, 2160-2170.	2.8	5
5421	Engineering of near-PAMless adenine base editor with enhanced editing activity and reduced off-target. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 732-742.	2.3	8
5422	Why won't it stop? The dynamics of benzodiazepine resistance in status epilepticus. <i>Nature Reviews Neurology</i> , 2022, 18, 428-441.	4.9	31
5423	AGBE: a dual deaminase-mediated base editor by fusing CGBE with ABE for creating a saturated mutant population with multiple editing patterns. <i>Nucleic Acids Research</i> , 2022, 50, 5384-5399.	6.5	29

#	ARTICLE	IF	CITATIONS
5424	C/EBP $\beta$ -induced epigenetic changes control the dynamic gene transcription of S100a8 and S100a9. <i>ELife</i> , 2022, 11, .	2.8	8
5425	Administration of Drugs/Gene Products to the Respiratory System: A Historical Perspective of the Use of Inert Liquids. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	2
5426	Development and Validation of a Novel Diagnostic Model for Childhood Autism Spectrum Disorder Based on Ferroptosis-Related Genes. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	4
5427	Metabolite Profiling of Chestnut ( <i>Castanea crenata</i> ) According to Origin and Harvest Time Using 1H NMR Spectroscopy. <i>Foods</i> , 2022, 11, 1325.	1.9	3
5428	Genetic and chemotherapeutic influences on germline hypermutation. <i>Nature</i> , 2022, 605, 503-508.	13.7	43
5429	Globally elevated excitationâ€inhibition ratio in children with autism spectrum disorder and below-average intelligence. <i>Molecular Autism</i> , 2022, 13, 20.	2.6	20
5430	Impact of stress on inhibitory neuronal circuits, our tribute to Bruce McEwen. <i>Neurobiology of Stress</i> , 2022, 19, 100460.	1.9	6
5431	Parvalbumin-Positive Interneurons Regulate Cortical Sensory Plasticity in Adulthood and Development Through Shared Mechanisms. <i>Frontiers in Neural Circuits</i> , 2022, 16, .	1.4	19
5432	Classic infantileâ€onset Pompe disease with histopathological neurologic findings linked to a novel <i>GAA</i> gene 4âbP deletion: A case study. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2022, , e1957.	0.6	1
5433	EZH2 engages TGF $\beta$ 2 signaling to promote breast cancer bone metastasis via integrin $\beta$ 1-FAK activation. <i>Nature Communications</i> , 2022, 13, 2543.	5.8	50
5434	Hypothalamic modulation of adult hippocampal neurogenesis in mice confers activity-dependent regulation of memory and anxiety-like behavior. <i>Nature Neuroscience</i> , 2022, 25, 630-645.	7.1	58
5435	HPMPdb: a machine learning-ready database of protein molecular phenotypes associated to human missense variants. <i>Current Research in Structural Biology</i> , 2022, , .	1.1	1
5436	DOCKopathies: A systematic review of the clinical pathologies associated with human <i>DOCK</i> pathogenic variants. <i>Human Mutation</i> , 2022, 43, 1149-1161.	1.1	7
5437	Rare variants implicate NMDA receptor signaling and cerebellar gene networks in risk for bipolar disorder. <i>Molecular Psychiatry</i> , 2022, 27, 3842-3856.	4.1	5
5438	Dysregulated cortical synaptic plasticity under methyl-CpG binding protein 2 deficiency and its implication in motor impairments. <i>World Journal of Psychiatry</i> , 2022, 12, 673-682.	1.3	1
5439	Long March Toward Safe and Effective Analgesia by Enhancing Gene Expression of <i>Kcc2</i> : First Steps Taken. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	1
5440	NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition. <i>Molecular Cell</i> , 2022, 82, 2472-2489.e8.	4.5	18
5441	EZH2-Mediated H3K27me3 Targets Transcriptional Circuits of Neuronal Differentiation. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	8

#	ARTICLE	IF	CITATIONS
5442	Furosemide prevents membrane KCC2 downregulation during convulsant stimulation in the hippocampus. <i>IBRO Neuroscience Reports</i> , 2022, 12, 355-365.	0.7	6
5443	Neurogenesis in aging and age-related neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 78, 101636.	5.0	41
5444	On the relationship between GABA+ and glutamate across the brain. <i>NeuroImage</i> , 2022, 257, 119273.	2.1	8
5445	Atypical Tactile Perception in Early Childhood Autism. <i>Journal of Autism and Developmental Disorders</i> , 2023, 53, 2891-2904.	1.7	10
5446	Update on Biology and Genomics of Adrenocortical Carcinomas: Rationale for Emerging Therapies. <i>Endocrine Reviews</i> , 2022, 43, 1051-1073.	8.9	9
5447	Metabolomic Analysis Reveals Changes of Bioactive Compounds in Mung Beans ( <i>Vigna radiata</i> ) during $\delta^3$ -Aminobutyric Acid Enrichment Treatment. <i>Foods</i> , 2022, 11, 1423.	1.9	4
5448	Dominant role of adult neurogenesis-induced structural heterogeneities in driving plasticity heterogeneity in dentate gyrus granule cells. <i>Hippocampus</i> , 2022, 32, 488-516.	0.9	8
5449	Unmasking the suppressed immunopeptidome of EZH2-mutated diffuse large B-cell lymphomas through combination drug treatment. <i>Blood Advances</i> , 2022, 6, 4107-4121.	2.5	7
5450	Food Allergy-Induced Autism-Like Behavior is Associated with Gut Microbiota and Brain mTOR Signaling. <i>Journal of Asthma and Allergy</i> , 0, Volume 15, 645-664.	1.5	4
5451	Aberrant causal inference and presence of a compensatory mechanism in autism spectrum disorder. <i>ELife</i> , 2022, 11, .	2.8	14
5452	Prefrontal-amygdalar oscillations related to social behavior in mice. <i>ELife</i> , 2022, 11, .	2.8	27
5453	Rhythmic Relating: Bidirectional Support for Social Timing in Autism Therapies. <i>Frontiers in Psychology</i> , 2022, 13, .	1.1	2
5454	Role of Brain Modulators in Neurodevelopment: Focus on Autism Spectrum Disorder and Associated Comorbidities. <i>Pharmaceuticals</i> , 2022, 15, 612.	1.7	7
5455	Involvement of Mechanical Cues in the Migration of Cajal-Retzius Cells in the Marginal Zone During Neocortical Development. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	6
5456	Current Principles in the Management of Drug-Resistant Epilepsy. <i>CNS Drugs</i> , 2022, 36, 555-568.	2.7	6
5457	Feasibility of whole genome and transcriptome profiling in pediatric and young adult cancers. <i>Nature Communications</i> , 2022, 13, 2485.	5.8	31
5458	Psychiatric manifestations of rare variation in medically actionable genes: a PheWAS approach. <i>BMC Genomics</i> , 2022, 23, 385.	1.2	1
5459	Probiotic Properties and Optimization of Gamma-Aminobutyric Acid Production by <i>Lactiplantibacillus plantarum</i> FBT215. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 783-791.	0.9	13

#	ARTICLE	IF	CITATIONS
5460	Structural insights into the interaction between gabazine (SR-95531) and $\alpha$ -lactalbumin GABA receptors. <i>Journal of Pesticide Sciences</i> , 2022, 47, .	0.8	0
5461	Molecular targeted therapies for pediatric atypical teratoid/rhabdoid tumors. <i>Pediatric Investigation</i> , 2022, 6, 111-122.	0.6	3
5462	Nanoformulated Bumetanide Ameliorates Social Deficiency in BTBR Mice Model of Autism Spectrum Disorder. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	1
5463	Social deficits in <i>BTBR</i> T+ <i>Itpr3tf/J</i> mice vary with ecological validity of the test. <i>Genes, Brain and Behavior</i> , 0, , .	1.1	6
5464	Distinct landscapes of deleterious variants in DNA damage repair system in ethnic human populations. <i>Life Science Alliance</i> , 2022, 5, e202101319.	1.3	3
5465	What Is the Relationship Between Hippocampal Neurogenesis Across Different Stages of the Lifespan?. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	13
5466	Microglial <i>Tmem59</i> Deficiency Impairs Phagocytosis of Synapse and Leads to Autism-Like Behaviors in Mice. <i>Journal of Neuroscience</i> , 2022, 42, 4958-4979.	1.7	14
5467	Across Dimensions: Developing 2D and 3D Human iPSC-Based Models of Fragile X Syndrome. <i>Cells</i> , 2022, 11, 1725.	1.8	3
5468	Polyploid giant cancer cells, EZH2 and Myc upregulation in mammary epithelial cells infected with high-risk human cytomegalovirus. <i>EBioMedicine</i> , 2022, 80, 104056.	2.7	19
5469	Interleukin 17A deficiency alleviates neuroinflammation and cognitive impairment in an experimental model of diabetic encephalopathy. <i>Neural Regeneration Research</i> , 2022, 17, 2771.	1.6	5
5470	Kdm6b Haploinsufficiency Causes ASD/ADHD-Like Behavioral Deficits in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	1.0	11
5471	Bi-directional Control of Synaptic Input Summation and Spike Generation by GABAergic Inputs at the Axon Initial Segment. <i>Neuroscience Bulletin</i> , 2023, 39, 1-13.	1.5	4
5472	Polycomb repressive complex 2 shields naïve human pluripotent cells from trophectoderm differentiation. <i>Nature Cell Biology</i> , 2022, 24, 845-857.	4.6	26
5473	NKCC1 to KCC2 mRNA Ratio in Schizophrenia and Its Psychopathology: a Caseâ€Control Study. <i>Journal of Molecular Neuroscience</i> , 0, , .	1.1	0
5474	Mapping cis-regulatory elements in human neurons links psychiatric disease heritability and activity-regulated transcriptional programs. <i>Cell Reports</i> , 2022, 39, 110877.	2.9	12
5475	Elevated endogenous GDNF induces altered dopamine signalling in mice and correlates with clinical severity in schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 3247-3261.	4.1	9
5476	Physoxia Influences Global and Gene-Specific Methylation in Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5854.	1.8	2
5477	Altered patterning of trisomy 21 interneuron progenitors. <i>Stem Cell Reports</i> , 2022, 17, 1366-1379.	2.3	11

#	ARTICLE	IF	CITATIONS
5478	K <sub>v</sub> 1.1 preserves the neural stem cell pool and facilitates neuron maturation during adult hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7
5479	Spinal Cord Injury and Loss of Cortical Inhibition. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5622.	1.8	7
5480	Dlx5/6 Expression Levels in Mouse GABAergic Neurons Regulate Adult Parvalbumin Neuronal Density and Anxiety/Compulsive Behaviours. <i>Cells</i> , 2022, 11, 1739.	1.8	0
5481	Neural Tracking in Infancy Predicts Language Development in Children With and Without Family History of Autism. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2022, 3, 495-514.	1.7	17
5482	Early Developmental PMCA2b Expression Protects From Ketamine-Induced Apoptosis and GABA Impairments in Differentiating Hippocampal Progenitor Cells. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	0
5483	PHACT: Phylogeny-Aware Computing of Tolerance for Missense Mutations. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	3
5484	Model-Guided Metabolic Rewiring for Gamma-Aminobutyric Acid and Butyrolactam Biosynthesis in <i>Corynebacterium Glutamicum</i> ATCC13032. <i>Biology</i> , 2022, 11, 846.	1.3	3
5485	Connectivity Mapping Using a Novel sv2a Loss-of-Function Zebrafish Epilepsy Model as a Powerful Strategy for Anti-epileptic Drug Discovery. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	2
5486	Transcranial Direct Current Stimulation as an Approach to Mitigate Neurodevelopmental Disorders Affecting Excitation/Inhibition Balance: Focus on Autism Spectrum Disorder, Schizophrenia, and Attention Deficit/Hyperactivity Disorder. <i>Journal of Clinical Medicine</i> , 2022, 11, 2839.	1.0	13
5487	Harnessing the Neuroprotective Behaviors of Müller Glia for Retinal Repair. <i>Frontiers in Bioscience</i> , 2022, 27, 169.	0.8	5
5488	Unilateral Transient Enhanced SEP during Integrated Multiparameter Neurophysiological Monitoring in a Newborn with Symptomatic Seizure. <i>Pediatric Reports</i> , 2022, 14, 254-261.	0.5	0
5489	Neonatal Oxidative Stress Impairs Cortical Synapse Formation and GABA Homeostasis in Parvalbumin-Expressing Interneurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	9
5490	Case Report: MYO5B Homozygous Variant c.2090+3A>T Causes Intron Retention Related to Chronic Cholestasis and Diarrhea. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
5491	Brain Proteome and Behavioural Analysis in Wild Type, BDNF+/+ and BDNF+/+ Adult Zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Dv 5606.	1.8	4
5492	Preventive Effects of Baclofen but Not Diazepam on Hippocampal Memory and Glucocorticoid Alterations After Prolonged Alcohol Withdrawal in Mice. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	1
5493	Keeping Excitation-Inhibition Ratio in Balance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5746.	1.8	8
5494	Bidirectional Microbiome-Gut-Brain-Axis Communication Influences Metabolic Switch-Associated Responses in the Mosquito <i>Anopheles culicifacies</i> . <i>Cells</i> , 2022, 11, 1798.	1.8	6
5495	Enhanced Non-Associative Long-Term Potentiation in Immature Granule Cells in the Dentate Gyrus of Adult Rats. <i>Frontiers in Synaptic Neuroscience</i> , 2022, 14, .	1.3	2

#	ARTICLE	IF	CITATIONS
5496	Cellular and genetic drivers of RNA editing variation in the human brain. <i>Nature Communications</i> , 2022, 13, .	5.8	18
5497	Lutein levels in arterial cord blood correlate with neurotrophic calcium binding S100B protein in healthy preterm and term newborns. <i>Italian Journal of Pediatrics</i> , 2022, 48, .	1.0	0
5498	Dihydropyrazole-Carbohydrazide Derivatives with Dual Activity as Antioxidant and Anti-Proliferative Drugs on Breast Cancer Targeting the HDAC6. <i>Pharmaceuticals</i> , 2022, 15, 690.	1.7	1
5499	Epigenetic reprogramming of H3K27me3 and DNA methylation during leaf-to-callus transition in peach. <i>Horticulture Research</i> , 2022, 9, .	2.9	10
5500	Tet3 Deletion in Adult Brain Neurons of Female Mice Results in Anxiety-like Behavior and Cognitive Impairments. <i>Molecular Neurobiology</i> , 2022, 59, 4892-4901.	1.9	4
5501	Autism Spectrum Disorder Genes: Disease-Related Networks and Compensatory Strategies. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	4
5502	The Epigenetics of Anxiety Pathophysiology: A DNA Methylation and Histone Modification Focused Review. <i>ENeuro</i> , 2023, 10, ENEURO.0109-21.2021.	0.9	8
5503	Whole-Brain Monosynaptic Afferents to Rostromedial Tegmental Nucleus Gamma-Aminobutyric Acid-Releasing Neurons in Mice. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
5504	Clioquinol as an inhibitor of JmjC-histone demethylase exhibits common and unique histone methylome and transcriptome between clioquinol and hypoxia. <i>IScience</i> , 2022, , 104517.	1.9	1
5505	Mechanisms Driving the Emergence of Neuronal Hyperexcitability in Fragile X Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6315.	1.8	5
5506	H3K27m3 overexpression as a new, BCL2 independent diagnostic tool in follicular and cutaneous follicle center lymphomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 0, , .	1.4	0
5507	The immuno-behavioural covariation associated with the treatment response to bumetanide in young children with autism spectrum disorder. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	10
5508	Optogenetic Methods to Investigate Brain Alterations in Preclinical Models. <i>Cells</i> , 2022, 11, 1848.	1.8	7
5509	Phase 1 and pre-clinical profiling of ESM-HDAC391, a myeloid-targeted histone deacetylase inhibitor, shows enhanced pharmacology and monocytopenia. <i>British Journal of Clinical Pharmacology</i> , 0, , .	1.1	1
5510	Neuroanatomical correlates of working memory performance in Neurofibromatosis 1. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	0
5511	Nonlinear age effects in tactile processing from early childhood to adulthood. <i>Brain and Behavior</i> , 2022, 12, .	1.0	2
5512	Serotonin Receptors as Therapeutic Targets for Autism Spectrum Disorder Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6515.	1.8	12
5513	The Brilliance of the Zebrafish Model: Perception on Behavior and Alzheimer's Disease. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	8

#	ARTICLE	IF	CITATIONS
5514	Rare genetic variants in genes and loci linked to dominant monogenic developmental disorders cause milder related phenotypes in the general population. <i>American Journal of Human Genetics</i> , 2022, 109, 1308-1316.	2.6	35
5515	Neural circuits regulating prosocial behaviors. <i>Neuropsychopharmacology</i> , 2023, 48, 79-89.	2.8	23
5516	Combined inhibition of EZH2 and ATM is synthetic lethal in BRCA1-deficient breast cancer. <i>Breast Cancer Research</i> , 2022, 24, .	2.2	5
5517	Epigenetics in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	23
5518	Molecular Pathogenesis and New Therapeutic Dimensions for Spinal Muscular Atrophy. <i>Biology</i> , 2022, 11, 894.	1.3	1
5519	Plasma Concentrations and Cancer-Associated Mutations in Cell-Free Circulating DNA of Treatment-Naive Follicular Lymphoma for Improved Non-Invasive Diagnosis and Prognosis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
5520	Is Reduced Visual Processing the Price of Language?. <i>Brain Sciences</i> , 2022, 12, 771.	1.1	2
5521	The Role of Genetics, Epigenetics, and the Environment in ASD: A Mini Review. <i>Epigenomes</i> , 2022, 6, 15.	0.8	9
5522	Neurogenesis and neuronal differentiation in the postnatal frontal cortex in Down syndrome. <i>Acta Neuropathologica Communications</i> , 2022, 10, .	2.4	11
5523	A Computational Probe into the Behavioral and Neural Markers of Atypical Facial Emotion Processing in Autism. <i>Journal of Neuroscience</i> , 2022, 42, 5115-5126.	1.7	4
5524	Considering the Role of Extracellular Matrix Molecules, in Particular Reelin, in Granule Cell Dispersion Related to Temporal Lobe Epilepsy. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
5525	Exploring the genetic space of the DNA damage response for cancer therapy through CRISPR-based screens. <i>Molecular Oncology</i> , 2022, 16, 3778-3791.	2.1	5
5526	Non-monotonic effects of GABAergic synaptic inputs on neuronal firing. <i>PLoS Computational Biology</i> , 2022, 18, e1010226.	1.5	0
5527	Adenine Base Editing <i>In Vivo</i> with a Single Adeno-Associated Virus Vector. , 2022, 1, 285-299.		27
5528	Dissecting Generalizability and Actionability of Disease-Associated Genes From 20 Worldwide Ethnolinguistic Cultural Groups. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
5529	Targeting Triple-Negative Breast Cancer by a Novel Proteolysis Targeting Chimera Degradator of Enhancer of Zeste Homolog 2. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 491-507.	2.5	21
5530	Epigenetic Studies for Evaluation of NPS Toxicity: Focus on Synthetic Cannabinoids and Cathinones. <i>Biomedicines</i> , 2022, 10, 1398.	1.4	2
5531	BDNF and its Role in the Alcohol Abuse Initiated During Early Adolescence: Evidence from Preclinical and Clinical Studies. <i>Current Neuropharmacology</i> , 2022, 20, 2202-2220.	1.4	4

#	ARTICLE	IF	CITATIONS
5532	EZH2 endorses cell plasticity to non-small cell lung cancer cells facilitating mesenchymal to epithelial transition and tumour colonization. <i>Oncogene</i> , 2022, 41, 3611-3624.	2.6	6
5533	Case Report: Anti-GABAA Receptor Encephalitis in a Dog. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	3
5534	Visual illusion susceptibility in autism: A neural model. <i>European Journal of Neuroscience</i> , 2022, 56, 4246-4265.	1.2	9
5535	Study on the mechanism of visual aging in cats™ primary visual cortex based on BDNF-TrkB signal pathway. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
5536	Genetic landscape of early-onset dementia in Hungary. <i>Neurological Sciences</i> , 0, , .	0.9	4
5537	Distinct neuronal excitability alterations of medial prefrontal cortex in early-life neglect model of rats. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 274-280.	1.3	5
5538	Functional alterations in large-scale resting-state networks of amyotrophic lateral sclerosis: A multi-site study across Canada and the United States. <i>PLoS ONE</i> , 2022, 17, e0269154.	1.1	8
5539	Perturbation of Cortical Excitability in a Conditional Model of PCDH19 Disorder. <i>Cells</i> , 2022, 11, 1939.	1.8	7
5540	Molecular and clinical descriptions of patients with <sc>GABA<sub>A</sub></sc> receptor gene variants (<i><sc>GABRA1</sc></i>, <sc>GABRB2</sc>, <sc>GABRB3</sc>, <sc>GABRG2</sc></i>): A cohort study, review of literature, and genotype-phenotype correlation. <i>Epilepsia</i> , 2022, 63, 2519-2533.	2.6	23
5541	Predicting Parkinson disease related genes based on PyFeat and gradient boosted decision tree. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
5542	Wired to Connect: The Autonomic Socioemotional Reflex Arc. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	9
5543	Glucosamine amends CNS pathology in mucopolysaccharidosis IIIC mouse expressing misfolded HGSNAT. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	7
5544	Complex regulation of Gephyrin splicing is a determinant of inhibitory postsynaptic diversity. <i>Nature Communications</i> , 2022, 13, .	5.8	7
5545	PRC2, Chromatin Regulation, and Human Disease: Insights From Molecular Structure and Function. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	13
5546	Unexpected Effect of IL-1 <sup>Î²</sup> on the Function of GABAA Receptors in Pediatric Focal Cortical Dysplasia. <i>Brain Sciences</i> , 2022, 12, 807.	1.1	5
5547	Blueprints for measuring natural behavior. <i>IScience</i> , 2022, 25, 104635.	1.9	8
5548	Predicting potentially pathogenic effects of <i>h</i>RPE65 missense mutations: a computational strategy based on molecular dynamics simulations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1765-1772.	2.5	7
5549	Understanding and predicting the functional consequences of missense mutations in BRCA1 and BRCA2. <i>Scientific Reports</i> , 2022, 12, .	1.6	6

#	ARTICLE	IF	CITATIONS
5550	Single cell transcriptomics reveals dysregulated cellular and molecular networks in a fragile X syndrome model. <i>PLoS Genetics</i> , 2022, 18, e1010221.	1.5	11
5551	JMJD3 intrinsically disordered region links the 3D-genome structure to TGF $\beta$ 2-dependent transcription activation. <i>Nature Communications</i> , 2022, 13, .	5.8	6
5552	mTOR-Dependent Spine Dynamics in Autism. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	6
5553	Genetics of autism spectrum disorder: an umbrella review of systematic reviews and meta-analyses. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	25
5554	Corticosterone antagonist or TrkB agonist attenuates schizophrenia-like behavior in a mouse model combining Bdnf-e6 deficiency and developmental stress. <i>IScience</i> , 2022, 25, 104609.	1.9	5
5555	Aberrant SPOP-CHAF1A ubiquitination axis triggers tumor autophagy that endows a therapeutical vulnerability in diffuse large B cell lymphoma. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	2
5556	Unaltered Tonic Inhibition in the Arcuate Nucleus of Diet-induced Obese Mice. <i>Experimental Neurobiology</i> , 2022, 31, 147-157.	0.7	2
5557	Updates on Molecular Targets and Epigenetic-Based Therapies for PCOS. <i>Reproductive Sciences</i> , 2023, 30, 772-786.	1.1	6
5558	Proactive functional classification of all possible missense single-nucleotide variants in <i>KCNQ4</i> . <i>Genome Research</i> , 2022, 32, 1573-1584.	2.4	8
5559	Uncovering the burden of hidden ciliopathies in the 100 000 Genomes Project: a reverse phenotyping approach. <i>Journal of Medical Genetics</i> , 0, , jmedgenet-2022-108476.	1.5	3
5560	L1 Retrotransposons: A Potential Endogenous Regulator for Schizophrenia. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
5561	Computational analysis of memory consolidation following inhibitory avoidance (IA) training in adult and infant rats: Critical roles of CaMKII $\alpha$ and MeCP2. <i>PLoS Computational Biology</i> , 2022, 18, e1010239.	1.5	1
5562	The Roles of Par3, Par6, and aPKC Polarity Proteins in Normal Neurodevelopment and in Neurodegenerative and Neuropsychiatric Disorders. <i>Journal of Neuroscience</i> , 2022, 42, 4774-4793.	1.7	6
5563	Origin, Development, and Synaptogenesis of Cortical Interneurons. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	12
5564	Discovery of Benzylpiperazine Derivatives as CNS-Penetrant and Selective Histone Deacetylase 6 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 1077-1082.	1.3	3
5565	Genotype-Phenotype Correlation and Functional Insights for Two Monoallelic TREX1 Missense Variants Affecting the Catalytic Core. <i>Genes</i> , 2022, 13, 1179.	1.0	2
5566	Brain Abnormalities in Patients with Germline Variants in <i>H3F3</i> : Novel Imaging Findings and Neurologic Symptoms Beyond Somatic Variants and Brain Tumors. <i>American Journal of Neuroradiology</i> , 2022, 43, 1048-1053.	1.2	2
5567	Cerebral ischemia in the developing brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1777-1796.	2.4	14

#	ARTICLE	IF	CITATIONS
5568	How Staying Negative Is Good for the (Adult) Brain: Maintaining Chloride Homeostasis and the GABA-Shift in Neurological Disorders. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	4
5569	Epigenetic Mechanism of Early Life Stress-Induced Depression: Focus on the Neurotransmitter Systems. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	9
5570	Modelling Autism Spectrum Disorder (ASD) and Attention-Deficit/Hyperactivity Disorder (ADHD) Using Mice and Zebrafish. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7550.	1.8	23
5571	Attenuation of <sc>SARS-CoV-2</sc> replication and associated inflammation by concomitant targeting of viral and host cap 2'â€œribose methyltransferases. <i>EMBO Journal</i> , 2022, 41, .	3.5	18
5572	Epigenetic modulators of B cell fate identified through coupled phenotype-transcriptome analysis. <i>Cell Death and Differentiation</i> , 2022, 29, 2519-2530.	5.0	5
5573	Generational synaptic functions of GABAA receptor Î²3 subunit deteriorations in an animal model of social deficit. <i>Journal of Biomedical Science</i> , 2022, 29, .	2.6	3
5574	Selective CDK9 Inhibition by Natural Compound Toyocamycin in Cancer Cells. <i>Cancers</i> , 2022, 14, 3340.	1.7	9
5575	<sc>MeCP2</sc> lossâ€œfunction dysregulates <sc>microRNAs</sc> regionally and disrupts excitatory/inhibitory synaptic transmission balance. <i>Hippocampus</i> , 0, , .	0.9	1
5576	JMJD3 suppresses tumor progression in oral tongue squamous cell carcinoma patients receiving surgical resection. <i>PeerJ</i> , 0, 10, e13759.	0.9	0
5577	Single-case experimental designs for bumetanide across neurodevelopmental disorders: BUDDI protocol. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	1
5578	Potential Cross Talk between Autism Risk Genes and Neurovascular Molecules: A Pilot Study on Impact of Blood Brain Barrier Integrity. <i>Cells</i> , 2022, 11, 2211.	1.8	6
5579	TP53-Status-Dependent Oncogenic EZH2 Activity in Pancreatic Cancer. <i>Cancers</i> , 2022, 14, 3451.	1.7	5
5580	PRC2-Inactivating Mutations in Cancer Enhance Cytotoxic Response to DNMT1-Targeted Therapy via Enhanced Viral Mimicry. <i>Cancer Discovery</i> , 2022, 12, 2120-2139.	7.7	14
5581	Application of Gene Editing Technology in Resistance Breeding of Livestock. <i>Life</i> , 2022, 12, 1070.	1.1	8
5582	Advances in the pathogenesis of Rett syndrome using cell models. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 532-541.	1.3	3
5583	Comparing the Gut Microbiome in Autism and Preclinical Models: A Systematic Review. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	16
5584	Histone demethylase JMJD3 downregulation protects against aberrant force-induced osteoarthritis through epigenetic control of NR4A1. <i>International Journal of Oral Science</i> , 2022, 14, .	3.6	13
5585	Quantifying GABA in Addiction: A Review of Proton Magnetic Resonance Spectroscopy Studies. <i>Brain Sciences</i> , 2022, 12, 918.	1.1	9

#	ARTICLE	IF	CITATIONS
5586	JmjC Family of Histone Demethylases Form Nuclear Condensates. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7664.	1.8	5
5587	Impact of Comorbid Prematurity and Congenital Anomalies: A Review. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
5588	The Neuromodulatory Role of the Noradrenergic and Cholinergic Systems and Their Interplay in Cognitive Functions: A Focused Review. <i>Brain Sciences</i> , 2022, 12, 890.	1.1	12
5589	Altered excitatory and inhibitory neocortical circuitry leads to increased convulsive severity after pentylenetetrazol injection in an animal model of schizencephaly, but not of microgyria. <i>Epilepsia Open</i> , 2022, 7, 462-473.	1.3	2
5590	Reduced HGF/MET Signaling May Contribute to the Synaptic Pathology in an Alzheimer's Disease Mouse Model. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
5591	Association of sodium voltage-gated channel genes polymorphisms with epilepsy risk and prognosis in the Saudi population. <i>Annals of Medicine</i> , 2022, 54, 1938-1951.	1.5	4
5592	A synaptic signal for novelty processing in the hippocampus. <i>Nature Communications</i> , 2022, 13, .	5.8	12
5593	Structural insights into <scp>GABA</scp> transport inhibition using an engineered neurotransmitter transporter. <i>EMBO Journal</i> , 2022, 41, .	3.5	14
5594	Altered Balance of Reelin Proteolytic Fragments in the Cerebrospinal Fluid of Alzheimer's Disease Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7522.	1.8	3
5595	The age-related changes in 40%Hz Auditory S<scp>teadyâ€State</scp> Response and sustained E<scp>ventâ€Related</scp> Fields to the same amplitudeâ€modulated tones in typically developing children: A magnetoencephalography study. <i>Human Brain Mapping</i> , 2022, 43, 5370-5383.	1.9	6
5596	Proteasome substrate receptors and their therapeutic potential. <i>Trends in Biochemical Sciences</i> , 2022, 47, 950-964.	3.7	25
5597	Co-targeting of specific epigenetic regulators in combination with CDC7 potently inhibit melanoma growth. <i>IScience</i> , 2022, 25, 104752.	1.9	2
5598	Combining Old and New Tricks: The Study of Genes, Neurons, and Behavior in Crayfish. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	4
5599	Case Report: Severe Gonadal Dysgenesis Causing 46,XY Disorder of Sex Development Due to a Novel NR5A1 Variant. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
5600	Comprehensive Assessment of Indian Variations in the Druggable Kinome Landscape Highlights Distinct Insights at the Sequence, Structure and Pharmacogenomic Stratum. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
5601	Signalling pathways in autism spectrum disorder: mechanisms and therapeutic implications. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	45
5602	Regulation and Therapeutic Targeting of MTHFD2 and EZH2 in KRAS-Mutated Human Pulmonary Adenocarcinoma. <i>Metabolites</i> , 2022, 12, 652.	1.3	4
5603	Molecular Mechanisms of Epilepsy: The Role of the Chloride Transporter KCC2. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 1500-1515.	1.1	3

#	ARTICLE	IF	CITATIONS
5604	Imbalance of flightâ€“freeze responses and their cellular correlates in the Nlgn3âˆ“/y rat model of autism. <i>Molecular Autism</i> , 2022, 13, .	2.6	5
5605	Application of Medial Ganglionic Eminence Cell Transplantation in Diseases Associated With Interneuron Disorders. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	4
5606	Identification of Pathogenic Variant Burden and Selection of Optimal Diagnostic Method Is a Way to Improve Carrier Screening for Autosomal Recessive Diseases. <i>Journal of Personalized Medicine</i> , 2022, 12, 1132.	1.1	5
5607	Immature excitatory neurons in the amygdala come of age during puberty. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101133.	1.9	8
5608	Effect of Oral Administration of Lactiplantibacillus plantarum SNK12 on Temporary Stress in Adults: A Randomized, Placebo-Controlled, Double-Blind, Parallel-Group Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8936.	1.2	5
5609	Refractory Hydroa Vacciniforme-Like Lymphoma: Biological Insights from Morphoproteomic Analysis. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 0, , .	0.3	0
5610	A Novel Anti-Cancer Therapy: CRISPR/Cas9 Gene Editing. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	10
5611	Double-stranded RNA induction as a potential dynamic biomarker for DNA-demethylating agents. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 370-383.	2.3	1
5612	Improvements of nuclease and nickase gene modification techniques for the treatment of genetic diseases. <i>Frontiers in Genome Editing</i> , 0, 4, .	2.7	5
5613	The Current View on the Paradox of Pain in Autism Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	7
5614	Oxytocin and serotonin in the modulation of neural function: Neurobiological underpinnings of autism-related behavior. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	10
5615	Beclin1 Deficiency Suppresses Epileptic Seizures. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	4
5616	NKCC1 and KCC2: Structural insights into phospho-regulation. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	10
5617	The sequences of 150,119 genomes in the UK Biobank. <i>Nature</i> , 2022, 607, 732-740.	13.7	173
5618	The role of histone modifications: from neurodevelopment to neurodiseases. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	63
5619	Artificial Intelligence, Healthcare, Clinical Genomics, and Pharmacogenomics Approaches in Precision Medicine. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	23
5620	Network Properties of Electrically Coupled Bursting Pituitary Cells. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1
5621	Investigating the Role of GABA in Neural Development and Disease Using Mice Lacking GAD67 or VGAT Genes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7965.	1.8	12

#	ARTICLE	IF	CITATIONS
5622	Concerted Regulation of Glycosylation Factors Sustains Tissue Identity and Function. <i>Biomedicines</i> , 2022, 10, 1805.	1.4	2
5623	Antihypertensive drugs and brain function: mechanisms underlying therapeutically beneficial and harmful neuropsychiatric effects. <i>Cardiovascular Research</i> , 2023, 119, 647-667.	1.8	11
5624	Hair Trace Elements and Mineral Content in Moroccan Children with Autism Spectrum Disorder: a Caseâ€“Control Study. <i>Biological Trace Element Research</i> , 2023, 201, 2701-2710.	1.9	7
5625	A Comprehensive Evaluation of the Performance of Prediction Algorithms on Clinically Relevant Missense Variants. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7946.	1.8	5
5626	Pattern decorrelation in the mouse medial prefrontal cortex enables social preference and requires MeCP2. <i>Nature Communications</i> , 2022, 13, .	5.8	11
5627	Correction of Fanconi Anemia Mutations Using Digital Genome Engineering. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8416.	1.8	2
5628	Reelin deficiency exacerbates cocaineâ€“induced hyperlocomotion by enhancing neuronal activity in the dorsomedial striatum. <i>Genes, Brain and Behavior</i> , 2022, 21, .	1.1	9
5629	Altered Development of Prefrontal GABAergic Functions and Anxiety-like Behavior in Adolescent Offspring Induced by Prenatal Stress. <i>Brain Sciences</i> , 2022, 12, 1015.	1.1	1
5630	Severe inflammation in new-borns induces long-term cognitive impairment by activation of IL-1 $\beta$ /KCC2 signaling during early development. <i>BMC Medicine</i> , 2022, 20, .	2.3	6
5631	Enhancing Prime Editing Efficiency and Flexibility with Tethered and Split pegRNAs. <i>Protein and Cell</i> , 0, , .	4.8	7
5632	Ontogenetic rules for the molecular diversification of hypothalamic neurons. <i>Nature Reviews Neuroscience</i> , 2022, 23, 611-627.	4.9	10
5633	Aggregated Genomic Data as Cohort-Specific Allelic Frequencies can Boost Variants and Genes Prioritization in Non-Solved Cases of Inherited Retinal Dystrophies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8431.	1.8	4
5634	Histone Deacetylase Inhibition Restores Behavioral and Synaptic Function in a Mouse Model of 16p11.2 Deletion. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 877-889.	1.0	3
5635	The rapid developmental rise of somatic inhibition disengages hippocampal dynamics from self-motion. <i>ELife</i> , 0, 11, .	2.8	17
5636	Reciprocal SOX2 regulation by SMAD1-SMAD3 is critical for anoikis resistance and metastasis in cancer. <i>Cell Reports</i> , 2022, 40, 111066.	2.9	16
5637	Pembrolizumab for the treatment of disease relapse after allogeneic hematopoietic stem cell transplantation. <i>Blood Advances</i> , 2023, 7, 963-970.	2.5	7
5638	Porcine Enteric Coronavirus PEDV Induces the ROS-ATM and Caspase7-CAD- $\gamma$ H2AX Signaling Pathways to Foster Its Replication. <i>Viruses</i> , 2022, 14, 1782.	1.5	4
5639	DNA Methylation Profiles of GAD1 in Human Cerebral Organoids of Autism Indicate Disrupted Epigenetic Regulation during Early Development. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9188.	1.8	4

#	ARTICLE	IF	CITATIONS
5640	Interferon- $\beta$ augments GABA release in the developing neocortex via nitric oxide synthase/soluble guanylate cyclase and constrains network activity. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	3
5641	EEG resting-state functional connectivity: evidence for an imbalance of external/internal information integration in autism. <i>Journal of Neurodevelopmental Disorders</i> , 2022, 14, .	1.5	9
5642	Developmental and epileptic encephalopathies: from genetic heterogeneity to phenotypic continuum. <i>Physiological Reviews</i> , 2023, 103, 433-513.	13.1	38
5643	Cell-type specific DNA methylome signatures reveal epigenetic mechanisms for neuronal diversity and neurodevelopmental disorder. <i>Human Molecular Genetics</i> , 0, , .	1.4	1
5644	Triiodothyronine Treatment reverses Depression-Like Behavior in a triple-transgenic animal model of Alzheimer's Disease. <i>Metabolic Brain Disease</i> , 2022, 37, 2735-2750.	1.4	2
5645	Curcumin Diethyl $\beta$ -Aminobutyrate, a Prodrug of Curcumin, for Enhanced Treatment of Inflammatory Pain. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 774-790.	2.5	1
5646	Early life stress exacerbates behavioural and neuronal alterations in adolescent male mice lacking methyl-CpG binding protein 2 (Mecp2). <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	2
5647	Low-Density Lipoprotein Receptor-Related Protein 8 at the Crossroad between Cancer and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8921.	1.8	8
5648	Cutting-Edge AI Technologies Meet Precision Medicine to Improve Cancer Care. <i>Biomolecules</i> , 2022, 12, 1133.	1.8	1
5649	Bidirectional Control between Cholesterol Shuttle and Purine Signal at the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8683.	1.8	2
5650	The epigenetic state of EED-Gli3-Gli1 regulatory axis controls embryonic cortical neurogenesis. <i>Stem Cell Reports</i> , 2022, , .	2.3	2
5651	A case of malignant phyllodes tumor that responded to pazopanib and developed pneumothorax. <i>International Cancer Conference Journal</i> , 0, , .	0.2	1
5652	Cognitive Decline and BPSD Are Concomitant with Autophagic and Synaptic Deficits Associated with G9a Alterations in Aged SAMP8 Mice. <i>Cells</i> , 2022, 11, 2603.	1.8	12
5653	Prognostic significance of pathogenic variants in BRCA1, BRCA2, ATM and PALB2 genes in men undergoing hormonal therapy for advanced prostate cancer. <i>British Journal of Cancer</i> , 2022, 127, 1680-1690.	2.9	13
5654	Altered Developmental Trajectory in Male and Female Rats in a Prenatal Valproic Acid Exposure Model of Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 0, , .	1.7	0
5655	On the accuracy of cell-attached current-clamp recordings from cortical neurons. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	0
5656	Global spectrum of USH2A mutation in inherited retinal dystrophies: Prompt message for development of base editing therapy. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	6
5657	An increase of inhibition drives the developmental decorrelation of neural activity. <i>ELife</i> , 0, 11, .	2.8	46

#	ARTICLE	IF	CITATIONS
5658	Cellular basis of learning and memory in the carotid body. <i>Frontiers in Synaptic Neuroscience</i> , 0, 14, .	1.3	4
5659	Drugs and Endogenous Factors as Protagonists in Neurogenic Stimulation. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2852-2871.	1.7	2
5660	Discovery of spirooxindole-derived small-molecule compounds as novel HDAC/MDM2 dual inhibitors and investigation of their anticancer activity. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
5661	Reference Genes across Nine Brain Areas of Wild Type and Prader-Willi Syndrome Mice: Assessing Differences in <i>Igfbp7</i> , <i>Pcsk1</i> , <i>Nhlh2</i> and <i>Nlgn3</i> Expression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8729.	1.8	2
5662	A Wholistic View of How Bumetanide Attenuates Autism Spectrum Disorders. <i>Cells</i> , 2022, 11, 2419.	1.8	9
5663	Prenatal exome and genome sequencing for fetal structural abnormalities. <i>American Journal of Obstetrics and Gynecology</i> , 2023, 228, 140-149.	0.7	6
5664	The Neurodevelopmental Gene <i>MSANTD2 B</i> belongs to a Gene Family Formed by Recurrent Molecular Domestication of <i>Harbinger</i> Transposons at the Base of Vertebrates. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	0
5665	Synapse-specific roles for microglia in development: New horizons in the prefrontal cortex. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	5
5666	Accurate determination of CRISPR-mediated gene fitness in transplantable tumours. <i>Nature Communications</i> , 2022, 13, .	5.8	1
5667	Convergent cerebrospinal fluid proteomes and metabolic ontologies in humans and animal models of Rett syndrome. <i>iScience</i> , 2022, 25, 104966.	1.9	4
5668	<i>NOD2</i> in Crohn's Disease—Unfinished Business. <i>Journal of Crohn's and Colitis</i> , 2023, 17, 450-458.	0.6	8
5669	Precise somatic genome editing for treatment of inborn errors of immunity. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
5670	Biallelic <i>PAX5</i> mutations cause hypogammaglobulinemia, sensorimotor deficits, and autism spectrum disorder. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	14
5671	Assessment of a combination of plasma anti-histone autoantibodies and PLA2/PE ratio as potential biomarkers to clinically predict autism spectrum disorders. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
5672	Medial septum: relevance for social memory. <i>Frontiers in Neural Circuits</i> , 0, 16, .	1.4	7
5673	Effect of preconditioning on propofol-induced neurotoxicity during the developmental period. <i>PLoS ONE</i> , 2022, 17, e0273219.	1.1	2
5674	G9a dictates neuronal vulnerability to inflammatory stress via transcriptional control of ferroptosis. <i>Science Advances</i> , 2022, 8, .	4.7	18
5675	Heat shock proteins: Biological functions, pathological roles, and therapeutic opportunities. <i>MedComm</i> , 2022, 3, .	3.1	102

#	ARTICLE	IF	CITATIONS
5676	Differential modulation of collybistin conformational dynamics by the closely related GTPases Cdc42 and TC10. <i>Frontiers in Synaptic Neuroscience</i> , 0, 14, .	1.3	1
5677	Basolateral amygdala hyperexcitability is associated with precocious developmental emergence of fear-learning in Fragile X Syndrome. <i>Journal of Neuroscience</i> , 0, , JN-RM-1776-21.	1.7	4
5678	Picrotoxin Delineates Different Transport Configurations for Malate and $\hat{1}^3$ Aminobutyric Acid through TaALMT1. <i>Biology</i> , 2022, 11, 1162.	1.3	1
5679	EZH2 T367 phosphorylation activates p38 signaling through lysine methylation to promote breast cancer progression. <i>IScience</i> , 2022, 25, 104827.	1.9	4
5680	Critical Roles of Polycomb Repressive Complexes in Transcription and Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9574.	1.8	6
5681	Aberrant brain functional and structural developments in MECP2 duplication rats. <i>Neurobiology of Disease</i> , 2022, 173, 105838.	2.1	2
5682	Nicotine-mediated activation of $\hat{1}^2$ nAChR-expressing OLM cells in developing mouse brains disrupts OLM cell-mediated control of LTP in adolescence. <i>Neurobiology of Learning and Memory</i> , 2022, 194, 107674.	1.0	1
5683	Role of the histone methyltransferases Ezh2 and Suv4-20h1/Suv4-20h2 in neurogenesis. <i>Neural Regeneration Research</i> , 2023, 18, 469.	1.6	3
5684	Association between germline pathogenic variants in cancerâ€predisposing genes and lymphoma risk. <i>Cancer Science</i> , 2022, 113, 3972-3979.	1.7	4
5685	Resetting the epigenome: Methylation dynamics in cancer stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
5686	The heterogeneity of microglial activation and its epigenetic and non-coding RNA regulations in the immunopathogenesis of neurodegenerative diseases. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	12
5687	The Newborn's Reaction to Light as the Determinant of the Brain's Activation at Human Birth. <i>Frontiers in Integrative Neuroscience</i> , 0, 16, .	1.0	8
5688	Astrocyte development in the cerebral cortex: Complexity of their origin, genesis, and maturation. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	11
5689	Calcium and activity-dependent signaling in the developing cerebral cortex. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	11
5690	Systematic analysis of inheritance pattern determination in genes that cause rare neurodevelopmental diseases. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	5
5691	SNPAAMapper-Python: A highly efficient genome-wide SNP variant analysis pipeline for Next-Generation Sequencing data. <i>Frontiers in Artificial Intelligence</i> , 0, 5, .	2.0	0
5692	Methylation subgroup and molecular heterogeneity is a hallmark of glioblastoma: implications for biopsy targeting, classification and therapy. <i>ESMO Open</i> , 2022, 7, 100566.	2.0	6
5693	The CaV1.2 G406R mutation decreases synaptic inhibition and alters L-type Ca <sup>2+</sup> channel-dependent LTP at hippocampal synapses in a mouse model of Timothy Syndrome. <i>Neuropharmacology</i> , 2022, 220, 109271.	2.0	1

#	ARTICLE	IF	CITATIONS
5694	R306X Mutation in the <i>MECP2</i> Gene Causes an Atypical Rett Syndrome in a Moroccan Patient: A Case Report. <i>BMC Clinical Pathology</i> , 2022, 15, 2632010X2211242.	0.7	0
5695	Histone Modifications in Neurological Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 95-107.	0.8	2
5696	Chloride Homeostasis in Developing Motoneurons. <i>Advances in Neurobiology</i> , 2022, , 45-61.	1.3	0
5697	Innovations in Neurophysiology and Its Role in Neuropsychiatry. <i>Noropsikiyatri Arsivi</i> , 2022, , .	0.2	0
5698	Developmental Lead Exposure in Rats Causes Sex-Dependent Changes in Neurobiological and Anxiety-Like Behaviors that Are Improved by Taurine Co-treatment. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 461-479.	0.8	6
5699	Known and Unexplored Post-Translational Modification Pathways in Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 75-87.	0.8	1
5700	What Can We Learn from Animal Models to Study Schizophrenia?. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 15-33.	0.8	0
5701	Breathing disturbances in Rett syndrome. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, , 139-151.	1.0	9
5702	Chronic Inflammation Pathway NF- $\kappa$ B Cooperates with Epigenetic Reprogramming to Drive the Malignant Progression of Glioblastoma. <i>International Journal of Biological Sciences</i> , 2022, 18, 5770-5786.	2.6	4
5703	Clustering of Chromatin Remodeling Enzymes Predicts Prognosis and Clinical Benefit of Therapeutic Strategy in Pancreatic Cancer. <i>International Journal of Medical Sciences</i> , 2022, 19, 1615-1627.	1.1	0
5704	Multi-target cell therapy using a magnetoelectric microscale biorobot for targeted delivery and selective differentiation of SH-SY5Y cells <i>via</i> magnetically driven cell stamping. <i>Materials Horizons</i> , 0, , .	6.4	7
5705	d-StructMAN: Containerized structural annotation on the scale from genetic variants to whole proteomes. <i>GigaScience</i> , 2022, 11, .	3.3	0
5706	Developmental Manipulation-Induced Changes in Cognitive Functioning. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , .	0.8	0
5707	Small-molecule activators specific to adenine base editors through blocking the canonical TGF- $\beta$ 2 pathway. <i>Nucleic Acids Research</i> , 2022, 50, 9632-9646.	6.5	0
5708	Variable Expression of GABAA Receptor Subunit Gamma 2 Mutation in a Nuclear Family Displaying Developmental and Encephalopathic Phenotype. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9683.	1.8	5
5709	Know when to fold $\hat{e}$ m: Polycomb complexes in oncogenic 3D genome regulation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
5710	Adaptive control of synaptic plasticity integrates micro- and macroscopic network function. <i>Neuropsychopharmacology</i> , 2023, 48, 121-144.	2.8	8
5711	A comprehensive mouse brain acetylome-the cellular-specific distribution of acetylated brain proteins. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	3

#	ARTICLE	IF	CITATIONS
5712	Regulation of CCL2 by EZH2 affects tumor-associated macrophages polarization and infiltration in breast cancer. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	12
5713	Specific contribution of Reelin expressed by Cajalâ€Retzius cells or GABAergic interneurons to cortical lamination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	10
5714	A perspective on molecular signalling dysfunction, its clinical relevance and therapeutics in autism spectrum disorder. <i>Experimental Brain Research</i> , 0, , .	0.7	3
5715	TVAR: assessing tissue-specific functional effects of non-coding variants with deep learning. <i>Bioinformatics</i> , 2022, 38, 4697-4704.	1.8	4
5716	Purkinje Cell Patterningâ€Insights from Single-Cell Sequencing. <i>Cells</i> , 2022, 11, 2918.	1.8	3
5717	Oxytocin impacts top-down and bottom-up social perception in adolescents with ASD: a MEG study of neural connectivity. <i>Molecular Autism</i> , 2022, 13, .	2.6	5
5718	The role of GABA in islet function. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	21
5719	Early life nociceptive stimulus and fentanyl exposure increase hippocampal neurogenesis and anxiety but do not affect spatial learning and memory. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
5720	Enhanced GIRK2 channel signaling in Down syndrome: A feasible role in the development of abnormal nascent neural circuits. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
5721	More Than Reels: Cajal-Retzius Cells Become Active. <i>Epilepsy Currents</i> , 0, , 153575972211234.	0.4	1
5722	Disrupted Maturation of Prefrontal Layer 5 Neuronal Circuits in an Alzheimerâ€™s Mouse Model of Amyloid Deposition. <i>Neuroscience Bulletin</i> , 2023, 39, 881-892.	1.5	6
5723	Nonparametric single-cell multiomic characterization of trio relationships between transcription factors, target genes, and cis-regulatory regions. <i>Cell Systems</i> , 2022, 13, 737-751.e4.	2.9	16
5724	Epilepsy Characteristics in Neurodevelopmental Disorders: Research from Patient Cohorts and Animal Models Focusing on Autism Spectrum Disorder. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10807.	1.8	8
5725	Role of NAD+ and FAD in Ischemic Stroke Pathophysiology: An Epigenetic Nexus and Expanding Therapeutic Repertoire. <i>Cellular and Molecular Neurobiology</i> , 0, , .	1.7	0
5726	Photobiomodulation regulates adult neurogenesis in the hippocampus in a status epilepticus animal model. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
5727	Super-enhancer associated core regulatory circuits mediate susceptibility to retinoic acid in neuroblastoma cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
5728	MeCP2 deficiency impairs motor cortical circuit flexibility associated with motor learning. <i>Molecular Brain</i> , 2022, 15, .	1.3	0
5729	<scp>mRNA</scp> isoform balance in neuronal development and disease. <i>Wiley Interdisciplinary Reviews RNA</i> , 2023, 14, .	3.2	4

#	ARTICLE	IF	CITATIONS
5730	Individual Genetic Heterogeneity. <i>Genes</i> , 2022, 13, 1626.	1.0	3
5731	Brain metastases: It takes two factors for a primary cancer to metastasize to brain. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
5732	Lacosamide decreases neonatal seizures without increasing apoptosis. <i>Epilepsia</i> , 2022, 63, 3051-3065.	2.6	4
5733	TFG regulates secretory and endosomal sorting pathways in neurons to promote their activity and maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
5734	Molecular Cloning and Expression Responses of Jarid2b to High-Temperature Treatment in Nile Tilapia ( <i>Oreochromis niloticus</i> ). <i>Genes</i> , 2022, 13, 1719.	1.0	1
5735	Epigenetic disorders: Lessons from the animalsâ€™ animal models in chromatinopathies. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
5736	Type 1 Corticotropin-Releasing Factor Receptor Differentially Modulates Neurotransmitter Levels in the Nucleus Accumbens of Juvenile versus Adult Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10800.	1.8	3
5737	CASK loss of function differentially regulates neuronal maturation and synaptic function in human induced cortical excitatory neurons. <i>iScience</i> , 2022, 25, 105187.	1.9	6
5738	Inhibition of GABAA receptors in intestinal stem cells prevents chemoradiotherapy-induced intestinal toxicity. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	5
5739	The role of SET domain containing lysine methyltransferase 7 in tumorigenesis and development. <i>Cell Cycle</i> , 0, , 1-7.	1.3	0
5740	Does the plasticity of neural stem cells and neurogenesis make them biosensors of disease and damage?. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
5741	Polycomb Directed Cell Fate Decisions in Development and Cancer. <i>Epigenomes</i> , 2022, 6, 28.	0.8	8
5742	Ionic Plasticity: Common Mechanistic Underpinnings of Pathology in Spinal Cord Injury and the Brain. <i>Cells</i> , 2022, 11, 2910.	1.8	4
5743	Changes in Stereotypies: Effects over Time and over Generations. <i>Animals</i> , 2022, 12, 2504.	1.0	2
5744	RMDisease V2.0: an updated database of genetic variants that affect RNA modifications with disease and trait implication. <i>Nucleic Acids Research</i> , 2023, 51, D1388-D1396.	6.5	23
5745	No association of GABRA1 rs2279020 and GABRA6 rs3219151 polymorphisms with risk of epilepsy and antiepileptic drug responsiveness in Asian and Arabic populations: Evidence from a meta-analysis with trial sequential analysis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
5746	Transcriptional regulation of INK4/ARF locus by cis and trans mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	6
5747	Transcriptome Analyses Provide Insights into the Auditory Function in <i>Trachemys scripta elegans</i> . <i>Animals</i> , 2022, 12, 2410.	1.0	2

#	ARTICLE	IF	CITATIONS
5748	Perceptual decision-making in autism as assessed by “spot the difference” visual cognition tasks. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
5749	Postnatal Conditional Deletion of Bcl11b in Striatal Projection Neurons Mimics the Transcriptional Signature of Huntington’s Disease. <i>Biomedicines</i> , 2022, 10, 2377.	1.4	3
5750	PARP Inhibitors for Breast Cancer: Germline BRCA1/2 and Beyond. <i>Cancers</i> , 2022, 14, 4332.	1.7	17
5751	Epigenetic regulation of GABAergic differentiation in the developing brain. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	3
5752	Comprehensive targeted next-generation sequencing in patients with slow-flow vascular malformations. <i>Journal of Human Genetics</i> , 2022, 67, 721-728.	1.1	7
5753	Integrative Functional Genomic Analysis in Multiplex Autism Families from Kazakhstan. <i>Disease Markers</i> , 2022, 2022, 1-26.	0.6	2
5754	Roles of neuroligins in central nervous system development: focus on glial neuroligins and neuron neuroligins. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	9
5755	Encoding of social novelty by sparse GABAergic neural ensembles in the prelimbic cortex. <i>Science Advances</i> , 2022, 8, .	4.7	9
5756	Novel frameshift mutation in LIS1 gene is a probable cause of lissencephaly: a case report. <i>BMC Pediatrics</i> , 2022, 22, .	0.7	1
5757	Integrated multi-omics reveal important roles of gut contents in intestinal ischemia “reperfusion induced injuries in rats. <i>Communications Biology</i> , 2022, 5, .	2.0	5
5758	Gut Bacteria and Neurotransmitters. <i>Microorganisms</i> , 2022, 10, 1838.	1.6	63
5759	Cell-type specific transcriptomic signatures of neocortical circuit organization and their relevance to autism. <i>Frontiers in Neural Circuits</i> , 0, 16, .	1.4	1
5760	WNK1/HSN2 mediates neurite outgrowth and differentiation via a OSR1/GSK3 <sup>β</sup> -LHX8 pathway. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
5761	A tool for mapping microglial morphology, morphOMiCs, reveals brain-region and sex-dependent phenotypes. <i>Nature Neuroscience</i> , 2022, 25, 1379-1393.	7.1	22
5762	In vivo adenine base editing reverts C282Y and improves iron metabolism in hemochromatosis mice. <i>Nature Communications</i> , 2022, 13, .	5.8	5
5763	Differential glutamine metabolism in the tumor microenvironment “ studies in diversity and heterogeneity: A mini-review. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
5764	JMJD family proteins in cancer and inflammation. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	21
5765	Binary-Synaptic Plasticity in Ambipolar Ni-Silicide Schottky Barrier Poly-Si Thin Film Transistors Using Chitosan Electric Double Layer. <i>Nanomaterials</i> , 2022, 12, 3063.	1.9	1

#	ARTICLE	IF	CITATIONS
5766	Dysregulation of prefrontal parvalbumin interneurons leads to adult aggression induced by social isolation stress during adolescence. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	5
5767	The RNA helicase DDX6 controls early mouse embryogenesis by repressing aberrant inhibition of BMP signaling through miRNA-mediated gene silencing. <i>PLoS Genetics</i> , 2022, 18, e1009967.	1.5	7
5768	Tissue- and cell-type-specific molecular and functional signatures of 16p11.2 reciprocal genomic disorder across mouse brain and human neuronal models. <i>American Journal of Human Genetics</i> , 2022, 109, 1789-1813.	2.6	13
5769	Vesicle trafficking with snares: a perspective for autism. <i>Molecular Biology Reports</i> , 2022, 49, 12193-12202.	1.0	3
5770	Multivalent binding kinetics resolved by fluorescence proximity sensing. <i>Communications Biology</i> , 2022, 5, .	2.0	7
5771	Exceptional Abilities in Autism: Theories and Open Questions. <i>Current Directions in Psychological Science</i> , 2022, 31, 509-517.	2.8	7
5772	Cognitive genomics of learning delay and low level of social performance monitoring in macaque. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
5773	Thermal effects on neurons during stimulation of the brain. <i>Journal of Neural Engineering</i> , 2022, 19, 056029.	1.8	12
5774	Gsx2, but not Gsx1, is necessary for early forebrain patterning and long-term survival in zebrafish. <i>Developmental Dynamics</i> , 0, , .	0.8	1
5775	Long-term morphological and functional dynamics of human stem cell-derived neuronal networks on high-density micro-electrode arrays. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	9
5776	Deciphering the conformational dynamics of gephyrin-mediated collybistin activation. <i>Biophysical Reports</i> , 2022, 2, 100079.	0.7	0
5777	Dual targeting of EZH1 and EZH2 for the treatment of malignant rhabdoid tumors. <i>Molecular Therapy - Oncolytics</i> , 2022, 27, 14-25.	2.0	10
5778	Structure, Function, and Genetics of the Cerebellum in Autism. <i>Journal of Psychiatry and Brain Science</i> , 0, , .	0.3	6
5779	DNA Methylation Pattern of Gene Promoters of MB-COMT, DRD2, and NR3C1 in Turkish Patients Diagnosed with Schizophrenia. <i>Clinical Psychopharmacology and Neuroscience</i> , 2022, 20, 685-693.	0.9	5
5780	Clinical genomics and precision medicine. <i>Genetics and Molecular Biology</i> , 2022, 45, .	0.6	2
5781	Epigenetic Regulation Towards Acquired Drug Resistance in Cancer. <i>Sub-Cellular Biochemistry</i> , 2022, , 473-502.	1.0	2
5782	Deficiency of p53 Causes the Inadequate Expression of miR-1246 in B Cells of Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2022, 209, 1492-1498.	0.4	2
5783	A Call for Drug Therapies for the Treatment of Social Behavior Disorders in Dementia: Systematic Review of Evidence and State of the Art. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11550.	1.8	2

#	ARTICLE	IF	CITATIONS
5784	DeepPerVar: a multi-modal deep learning framework for functional interpretation of genetic variants in personal genome. <i>Bioinformatics</i> , 2022, 38, 5340-5351.	1.8	4
5785	Antiseizure medication in early nervous system development. Ion channels and synaptic proteins as principal targets. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
5786	Autoantibody discovery across monogenic, acquired, and COVID-19-associated autoimmunity with scalable PHIP-seq. <i>ELife</i> , 0, 11, .	2.8	15
5787	WNK3 kinase maintains neuronal excitability by reducing inwardly rectifying K <sup>+</sup> conductance in layer V pyramidal neurons of mouse medial prefrontal cortex. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	3
5788	PRC2-dependent regulation of ganglioside expression during dedifferentiation contributes to the proliferation and migration of vascular smooth muscle cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	0
5789	Embryonic Deletion of TXNIP in GABAergic Neurons Enhanced Oxidative Stress in PV <sup>+</sup> Interneurons in Primary Somatosensory Cortex of Aging Mice: Relevance to Schizophrenia. <i>Brain Sciences</i> , 2022, 12, 1395.	1.1	1
5790	Alzheimer's disease-associated U1 snRNP splicing dysfunction causes neuronal hyperexcitability and cognitive impairment. <i>Nature Aging</i> , 2022, 2, 923-940.	5.3	8
5791	Roles of Chromatin Remodelling and Molecular Heterogeneity in Therapy Resistance in Glioblastoma. <i>Cancers</i> , 2022, 14, 4942.	1.7	2
5792	Analyses of the autism-associated neuroligin-3 R451C mutation in human neurons reveal a gain-of-function synaptic mechanism. <i>Molecular Psychiatry</i> , 0, .	4.1	10
5793	A GABA-receptor agonist reduces pneumonitis severity, viral load, and death rate in SARS-CoV-2-infected mice. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
5794	Interventions for Sensory Over-Responsivity in Individuals with Autism Spectrum Disorder: A Narrative Review. <i>Children</i> , 2022, 9, 1584.	0.6	5
5795	RM2Target: a comprehensive database for targets of writers, erasers and readers of RNA modifications. <i>Nucleic Acids Research</i> , 2023, 51, D269-D279.	6.5	25
5796	Clinical decisions by the molecular tumor board on comprehensive genomic profiling tests in Japan: A retrospective observational study. <i>Cancer Medicine</i> , 2023, 12, 6170-6181.	1.3	3
5797	Computational and Structural Analysis to Assess the Pathogenicity of Bardet-Biedl Syndrome Related Missense Variants Identified in Bardet-Biedl Syndrome 10 Gene (BBS10). <i>ACS Omega</i> , 2022, 7, 37654-37662.	1.6	3
5798	Structural Heterogeneity of the GABAergic Tripartite Synapse. <i>Cells</i> , 2022, 11, 3150.	1.8	10
5799	Cortical control of chandelier cells in neural codes. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	4
5800	The pleiotropic roles of EZH2 in T-cell immunity and immunotherapy. <i>International Journal of Hematology</i> , 0, .	0.7	2
5801	Parvalbumin and parvalbumin chandelier interneurons in autism and other psychiatric disorders. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	13

#	ARTICLE	IF	CITATIONS
5802	PRC2-Mediated Epigenetic Suppression of Type I IFN-STAT2 Signaling Impairs Antitumor Immunity in Luminal Breast Cancer. <i>Cancer Research</i> , 2022, 82, 4624-4640.	0.4	4
5803	New CRISPR Tools to Correct Pathogenic Mutations in Usher Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11669.	1.8	2
5804	Repeated Sevoflurane Exposure in Neonatal Rats Enhances the Sensitivity to Pain and Traumatic Stress Later in Juvenile Life. <i>Journal of Pain Research</i> , 0, Volume 15, 3171-3178.	0.8	0
5805	Epigenetic Changes and Chromatin Reorganization in Brain Function: Lessons from Fear Memory Ensemble and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12081.	1.8	7
5806	Network pharmacology-based prediction of active compounds in the Wenyang Jiedu Huayu formula acting on acute-on-chronic liver failure with experimental support in vitro and in vivo. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	0
5807	A DARPin-based molecular toolset to probe gephyrin and inhibitory synapse biology. <i>ELife</i> , 0, 11, .	2.8	2
5808	Repetitively burst-spiking neurons in reeler mice show conserved but also highly variable morphological features of layer Vb-fated thick-tufted pyramidal cells. <i>Frontiers in Neuroanatomy</i> , 0, 16, .	0.9	0
5809	Multifactorial profiling of epigenetic landscapes at single-cell resolution using Multi-Tag. <i>Nature Biotechnology</i> , 2023, 41, 708-716.	9.4	27
5810	Neuroprotective effect of low-dose paracetamol treatment against cognitive dysfunction in d-galactose-induced aging mice. <i>Heliyon</i> , 2022, 8, e11108.	1.4	0
5811	Paradoxical self-sustained dynamics emerge from orchestrated excitatory and inhibitory homeostatic plasticity rules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	2
5812	A preliminary study of sleep spindles across non-rapid eye movement sleep stages in children with autism spectrum disorder. <i>SLEEP Advances</i> , 2022, 3, .	0.1	0
5813	The Emerging Role of Pericyte-Derived Extracellular Vesicles in Vascular and Neurological Health. <i>Cells</i> , 2022, 11, 3108.	1.8	12
5814	Epigenetics of neural differentiation: Spotlight on enhancers. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5
5815	Lack of placental neurosteroid alters cortical development and female somatosensory function. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	3
5816	Differential H3K9me2 heterochromatin levels and concordant mRNA expression in postmortem brain tissue of individuals with schizophrenia, bipolar, and controls. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
5817	A cryptic transactivation domain of EZH2 binds AR and AR's splice variant, promoting oncogene activation and tumorous transformation. <i>Nucleic Acids Research</i> , 2022, 50, 10929-10946.	6.5	12
5818	Mechanism and modeling of human disease-associated near-exon intronic variants that perturb RNA splicing. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 1043-1055.	3.6	4
5819	Chloride imbalance in Fragile X syndrome. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0

#	ARTICLE	IF	CITATIONS
5820	Research models of neurodevelopmental disorders: The right model in the right place. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
5821	Brain tissue oxygen dynamics while mimicking the functional deficiency of interneurons. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	4
5822	Loss of <i>Rai1</i> enhances hippocampal excitability and epileptogenesis in mouse models of Smith-Magenis syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9
5823	Intragenic compensation through the lens of deep mutational scanning. <i>Biophysical Reviews</i> , 2022, 14, 1161-1182.	1.5	4
5824	Anti-Proliferative Effect of Potential LSD1/CoREST Inhibitors Based on Molecular Dynamics Model for Treatment of SH-SY5Y Neuroblastoma Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 3533-3540.	0.5	1
5825	Genome-wide rare variant score associates with morphological subtypes of autism spectrum disorder. <i>Nature Communications</i> , 2022, 13, .	5.8	7
5826	Mechanism studies of the activation of DNA methyltransferase DNMT1 triggered by histone H3 ubiquitination, revealed by multi-scale molecular dynamics simulations. <i>Science China Life Sciences</i> , 2023, 66, 313-323.	2.3	2
5827	MARGINAL: An Automatic Classification of Variants in BRCA1 and BRCA2 Genes Using a Machine Learning Model. <i>Biomolecules</i> , 2022, 12, 1552.	1.8	3
5828	DNA methylation levels of RELN promoter region in ultra-high risk, first episode and chronic schizophrenia cohorts of schizophrenia. , 2022, 8, .		3
5829	The DNA Methylation in Neurological Diseases. <i>Cells</i> , 2022, 11, 3439.	1.8	20
5830	DNA and histone modifications as potent diagnostic and therapeutic targets to advance non-small cell lung cancer management from the perspective of 3P medicine. <i>EPMA Journal</i> , 2022, 13, 649-669.	3.3	6
5831	Tissue-wide genetic and cellular landscape shapes the execution of sequential PRC2 functions in neural stem cell lineage progression. <i>Science Advances</i> , 2022, 8, .	4.7	4
5832	Early Postnatal Exposure to Intermittent Hypercapnic Hypoxia (IHH), but Not Nicotine, Decreases Reelin in the Young Piglet Hippocampus. <i>Neurotoxicity Research</i> , 0, , .	1.3	0
5833	A founder event causing a dominant childhood epilepsy survives 800 years through weak selective pressure. <i>American Journal of Human Genetics</i> , 2022, 109, 2080-2087.	2.6	3
5834	Fmrp regulates neuronal balance in embryonic motor circuit formation. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
5835	Cognitive impairment in psychiatric diseases: Biomarkers of diagnosis, treatment, and prevention. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	2
5836	The RIG-I receptor adopts two different conformations for distinguishing host from viral RNA ligands. <i>Molecular Cell</i> , 2022, 82, 4131-4144.e6.	4.5	12
5837	No Gain, Less Pain: GABRB3 Mutations in Epileptic Encephalopathy. <i>Epilepsy Currents</i> , 0, , 153575972211301.	0.4	0

#	ARTICLE	IF	CITATIONS
5838	Autism spectrum disorders pathogenesis: Toward a comprehensive model based on neuroanatomic and neurodevelopment considerations. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
5839	Multiple tissue-specific epigenetic alterations regulate persistent gene expression changes following developmental DES exposure in mouse reproductive tissues. <i>Epigenetics</i> , 2023, 18, .	1.3	4
5840	Characterization of Arabian Peninsula whole exomes: Contributing to the catalogue of human diversity. <i>IScience</i> , 2022, 25, 105336.	1.9	0
5841	Deep Molecular and In Silico Protein Analysis of p53 Alteration in Myelodysplastic Neoplasia and Acute Myeloid Leukemia. <i>Cells</i> , 2022, 11, 3475.	1.8	1
5842	Anti-seizure mechanisms of midazolam and valproate at the Î²2(L51M) variant of the GABAA receptor. <i>Neuropharmacology</i> , 2022, 221, 109295.	2.0	0
5843	Environmentally relevant uptake, elimination, and metabolic changes following early embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish. <i>Chemosphere</i> , 2023, 310, 136723.	4.2	7
5844	Highly efficient multiplex base editing: One-shot deactivation of eight genes in <i>Shewanella oneidensis</i> MR-1. <i>Synthetic and Systems Biotechnology</i> , 2023, 8, 1-10.	1.8	3
5845	The Neuroepigenetic Landscape of Vertebrate and Invertebrate Models of Neurodegenerative Diseases. <i>Epigenetics Insights</i> , 2022, 15, 251686572211358.	0.6	3
5846	Inhibitors of DNA Methylation. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 471-513.	0.8	2
5847	More than just immaturity: evidence supporting the hypothesis that sleep spindle characteristics reflect GABAergic depolarization in infancy. <i>Sleep Science</i> , 2022, 15, .	0.4	1
5848	Spinocerebellar Ataxia 48 Patient With a Novel De Novo Variant of <i>STUB1</i> . <i>Journal of Clinical</i>		

#	ARTICLE	IF	CITATIONS
5856	Genome-wide identification of exon extension/shrinkage events induced by splice-site-creating mutations. <i>RNA Biology</i> , 2022, 19, 1143-1152.	1.5	0
5857	Chronic, episodic nicotine exposure alters GABAergic transmission to hypoglossal motor neurons and genioglossus muscle function at a critical developmental age. <i>Journal of Neurophysiology</i> , 0, , .	0.9	1
5858	Genetic ablation of metabotropic glutamate receptor 5 in rats results in an autism-like behavioral phenotype. <i>PLoS ONE</i> , 2022, 17, e0275937.	1.1	2
5859	From mechanisms to markers: novel noninvasive EEG proxy markers of the neural excitation and inhibition system in humans. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	29
5860	The complex, dynamic SpliceOme of the small GTPase transcripts altered by technique, sex, genetics, tissue specificity, and RNA base editing. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
5861	Solute carrier transporter disease and developmental and epileptic encephalopathy. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
5862	“Descriptive Risk-Averse Bayesian Decision-Making,” a Model for Complex Biological Motion Perception in the Human Dorsal Pathway. <i>Biomimetics</i> , 2022, 7, 193.	1.5	2
5863	Role of genetic testing in young patients with idiopathic atrioventricular conduction disease. <i>Europace</i> , 2023, 25, 643-650.	0.7	4
5864	Deciphering the impact of genetic variation on human polyadenylation using APARENT2. <i>Genome Biology</i> , 2022, 23, .	3.8	12
5865	Identification of nine novel variants across <i>PAX3</i> , <i>SOX10</i> , <i>EDNRB</i> , and <i>MITF</i> genes in Waardenburg syndrome with next-generation sequencing. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2022, 10, .	0.6	5
5866	Atranorin, a Secondary Metabolite of Lichens, Exhibited Anxiolytic/Antidepressant Activity in Wistar Rats. <i>Life</i> , 2022, 12, 1850.	1.1	3
5867	Serial Gene Expression Profiling of Neural Stem Cells Shows Transcriptome Switch by Long-Term Physioxia from Metabolic Adaption to Cell Signaling Profile. <i>Stem Cells International</i> , 2022, 2022, 1-15.	1.2	1
5868	Enhanced Burst Discharges in the CA1 Area of the Immature Versus Adult Hippocampus: Patterns and Cellular Mechanisms. <i>Journal of Neurophysiology</i> , 0, , .	0.9	0
5869	The Influence of Sex on Hippocampal Neurogenesis and Neurotrophic Responses on the Persistent Effects of Adolescent Intermittent Ethanol Exposure into Adulthood. <i>Neuroscience</i> , 2022, 506, 68-79.	1.1	2
5870	Channel-independent function of UNC-9/Innexin in spatial arrangement of GABAergic synapses in <i>C. elegans</i> . <i>ELife</i> , 0, 11, .	2.8	5
5871	CRISPR-Cas9 Technology for the Creation of Biological Avatars Capable of Modeling and Treating Pathologies: From Discovery to the Latest Improvements. <i>Cells</i> , 2022, 11, 3615.	1.8	4
5872	Taurine depletion during fetal and postnatal development blunts firing responses of neocortical layer II/III pyramidal neurons. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	2
5873	Loss of <i>NF1</i> in <i>Drosophila</i> larvae causes tactile hypersensitivity and impaired synaptic transmission at the neuromuscular junction. <i>Journal of Neuroscience</i> , 0, , JN-RM-0562-22.	1.7	4

#	ARTICLE	IF	CITATIONS
5874	Animal models of developmental dyslexia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
5875	GABRG2 C588T Polymorphism Is Associated with Idiopathic Generalized Epilepsy but Not with Antiepileptic Drug Resistance in Pakistani Cohort. <i>BioMed Research International</i> , 2022, 2022, 1-8.	0.9	2
5876	Quorum-based model learning on a blockchain hierarchical clinical research network using smart contracts. <i>International Journal of Medical Informatics</i> , 2023, 169, 104924.	1.6	4
5877	Artificial intelligence-based recognition for variant pathogenicity of BRCA1 using AlphaFold2-predicted structures. <i>Theranostics</i> , 2023, 13, 391-402.	4.6	2
5878	TRRAP-mediated acetylation on Sp1 regulates adult neurogenesis. <i>Computational and Structural Biotechnology Journal</i> , 2023, 21, 472-484.	1.9	4
5879	A novel intergenic enhancer that regulates Bdnf expression in developing cortical neurons. <i>IScience</i> , 2023, 26, 105695.	1.9	1
5880	Role of primary aging hallmarks in Alzheimer's disease. <i>Theranostics</i> , 2023, 13, 197-230.	4.6	8
5881	Impaired synaptic plasticity in an animal model of autism exhibiting early hippocampal GABAergic-BDNF/TrkB signaling alterations. <i>IScience</i> , 2023, 26, 105728.	1.9	8
5882	A novel base editor SpRY-ABE8eF148A mediates efficient A-to-G base editing with a reduced off-target effect. <i>Molecular Therapy - Nucleic Acids</i> , 2023, 31, 78-87.	2.3	1
5883	The role of DNA methylation in progression of neurological disorders and neurodegenerative diseases as well as the prospect of using DNA methylation inhibitors as therapeutic agents for such disorders. <i>IBRO Neuroscience Reports</i> , 2023, 14, 28-37.	0.7	14
5884	Expression and structural analysis of human neuroligin 2 and neuroligin 3 implicated in autism spectrum disorders. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	3
5885	Functions of retinal astrocytes and Müller cells in mammalian myopia. <i>BMC Ophthalmology</i> , 2022, 22, .	0.6	4
5886	TGF- $\beta$ 2 Regulates Transcription of the K <sup>+</sup> /Cl <sup>-</sup> Cotransporter 2 (KCC2) in Immature Neurons and Its Phosphorylation at T1007 in Differentiated Neurons. <i>Cells</i> , 2022, 11, 3861.	1.8	3
5887	An Approach to Identifying and Quantifying Bias in Biomedical Data. , 2022, , .		0
5888	Predicting and Understanding the Pathology of Single Nucleotide Variants in Human COQ Genes. <i>Antioxidants</i> , 2022, 11, 2308.	2.2	3
5889	Rett Syndrome and MECP2 Duplication Syndrome: Disorders of MeCP2 Dosage. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 18, 2813-2835.	1.0	16
5890	Gabrb3 is required for the functional integration of pyramidal neuron subtypes in the somatosensory cortex. <i>Neuron</i> , 2023, 111, 256-274.e10.	3.8	7
5891	Ribo-uORF: a comprehensive data resource of upstream open reading frames (uORFs) based on ribosome profiling. <i>Nucleic Acids Research</i> , 2023, 51, D248-D261.	6.5	6

#	ARTICLE	IF	CITATIONS
5892	Linking neuroanatomical abnormalities in autism spectrum disorder with gene expression of candidate ASD genes: A meta-analytic and network-oriented approach. <i>PLoS ONE</i> , 2022, 17, e0277466.	1.1	1
5893	Function and development of interneurons involved in brain tissue oxygen regulation. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	0
5894	EZH2-H3K27me3 mediated KRT14 upregulation promotes TNBC peritoneal metastasis. <i>Nature Communications</i> , 2022, 13, .	5.8	24
5895	Automated high-throughput genome editing platform with an AI learning in situ prediction model. <i>Nature Communications</i> , 2022, 13, .	5.8	6
5896	“Neural Noise” in Auditory Responses in Young Autistic and Neurotypical Children. <i>Journal of Autism and Developmental Disorders</i> , 2024, 54, 642-661.	1.7	6
5897	The fate of interneurons, <i>scp</i> GABA <sub>A</sub> receptor subtypes and perineuronal nets in Alzheimer's disease. <i>Brain Pathology</i> , 2023, 33, .	2.1	9
5898	Illuminating links between cis-regulators and trans-acting variants in the human prefrontal cortex. <i>Genome Medicine</i> , 2022, 14, .	3.6	5
5899	Single-cell multiomics reveals the complexity of TGF $\beta$ 2 signalling to chromatin in iPSC-derived kidney organoids. <i>Communications Biology</i> , 2022, 5, .	2.0	3
5900	Shared mechanisms of neural circuit disruption in tuberous sclerosis across lifespan: Bridging neurodevelopmental and neurodegenerative pathology. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
5901	RNA-Binding Proteins as Epigenetic Regulators of Brain Functions and Their Involvement in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14622.	1.8	4
5902	Rapid Single-Pot Assembly of Modular Chromatin Proteins for Epigenetic Engineering. <i>Methods in Molecular Biology</i> , 2023, , 191-214.	0.4	4
5903	Enhancer of zeste homolog 2 is a negative prognostic biomarker and correlated with immune infiltrates in meningioma. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
5904	Using SuperClomeleon to Measure Changes in Intracellular Chloride during Development and after Early Life Stress. <i>ENeuro</i> , 2022, 9, ENEURO.0416-22.2022.	0.9	2
5905	Network instability dynamics drive a transient bursting period in the developing hippocampus in vivo. <i>ELife</i> , 0, 11, .	2.8	2
5906	Development of NMDA receptors contributes to the enhancement of electroencephalogram oscillations under volatile anesthetics in rats. <i>Frontiers in Neural Circuits</i> , 0, 16, .	1.4	0
5907	The Role of Cell-Free DNA in Cancer Treatment Decision Making. <i>Cancers</i> , 2022, 14, 6115.	1.7	10
5908	Extracellular matrix and synapse formation. <i>Bioscience Reports</i> , 2023, 43, .	1.1	8
5909	PAL1 promotes tumor growth through competitive recruitment of PRC2 to G9A-target chromatin for dual epigenetic silencing. <i>Molecular Cell</i> , 2022, 82, 4611-4626.e7.	4.5	11

#	ARTICLE	IF	CITATIONS
5910	Incidence of Hereditary Gastric Cancer May Be Much Higher than Reported. <i>Cancers</i> , 2022, 14, 6125.	1.7	0
5911	Evolutionary Implications of Environmental Toxicant Exposure. <i>Biomedicines</i> , 2022, 10, 3090.	1.4	0
5912	Proteomic signatures of schizophrenia-sourced iPSC-derived neural cells and brain organoids are similar to patients' postmortem brains. <i>Cell and Bioscience</i> , 2022, 12, .	2.1	5
5913	Folic Acid and Vitamin B12 Prevent Deleterious Effects of Rotenone on Object Novelty Recognition Memory and Kynu Expression in an Animal Model of Parkinson's Disease. <i>Genes</i> , 2022, 13, 2397.	1.0	1
5914	GABA Release from Astrocytes in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15859.	1.8	15
5915	Oxytocin Disturbs Vestibular Compensation and Modifies Behavioral Strategies in a Rodent Model of Acute Vestibulopathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15262.	1.8	0
5916	Critical periods and Autism Spectrum Disorders, a role for sleep. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2023, 14, 100088.	1.4	2
5917	Heterozygous <i>GABA<sub>A</sub></i> receptor $\gamma 23$ subunit <i>N110D</i> knock-in mice have epileptic spasms. <i>Epilepsia</i> , 2023, 64, 1061-1073.	2.6	3
5918	Epigenetics in depression and gut-brain axis: A molecular crosstalk. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	20
5919	Resting state electroencephalography microstates in autism spectrum disorder: A mini-review. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
5920	Loss of CDKL5 Causes Synaptic GABAergic Defects That Can Be Restored with the Neuroactive Steroid Pregnenolone-Methyl-Ether. <i>International Journal of Molecular Sciences</i> , 2023, 24, 68.	1.8	3
5921	Structural filtering of functional data offered discriminative features for autism spectrum disorder. <i>PLoS ONE</i> , 2022, 17, e0277989.	1.1	0
5922	GABAergic neurons in the rostromedial tegmental nucleus are essential for rapid eye movement sleep suppression. <i>Nature Communications</i> , 2022, 13, .	5.8	4
5923	RINGs, DUBs and Abnormal Brain Growth's Histone H2A Ubiquitination in Brain Development and Disease. <i>Epigenomes</i> , 2022, 6, 42.	0.8	1
5924	Long noncoding <i>RNA</i> <i>MEG3</i> inhibits oral squamous cell carcinoma progression via <i>GATA3</i> . <i>FEBS Open Bio</i> , 2023, 13, 195-208.	1.0	6
5925	Effectiveness of eye movement exercise and diaphragmatic breathing with jogging in reducing migraine symptoms: A preliminary, randomized comparison trial. <i>Brain and Behavior</i> , 2023, 13, .	1.0	2
5926	Multi-omics characteristics and immunotherapeutic potential of EZH2 in pan-cancer. <i>Bioscience Reports</i> , 0, , .	1.1	2
5927	Multisession Anodal Transcranial Direct Current Stimulation Enhances Adult Hippocampal Neurogenesis and Context Discrimination in Mice. <i>Journal of Neuroscience</i> , 2023, 43, 635-646.	1.7	2

#	ARTICLE	IF	CITATIONS
5928	Neurologinâ€³ in dopaminergic circuits promotes behavioural and neurobiological adaptations to chronic morphine exposure. <i>Addiction Biology</i> , 2023, 28, .	1.4	2
5929	A Review on Advanced CRISPR-Based Genome-Editing Tools: Base Editing and Prime Editing. <i>Molecular Biotechnology</i> , 2023, 65, 849-860.	1.3	12
5930	Approach to Cohort-Wide Re-Analysis of Exome Data in 1000 Individuals with Neurodevelopmental Disorders. <i>Genes</i> , 2023, 14, 30.	1.0	2
5931	Dynamic regulation of excitatory and inhibitory synaptic transmission by growth hormone in the developing mouse brain. <i>Acta Pharmacologica Sinica</i> , 2023, 44, 1109-1121.	2.8	2
5932	The Role of Alpha Oscillations among the Main Neuropsychiatric Disorders in the Adult and Developing Human Brain: Evidence from the Last 10 Years of Research. <i>Biomedicines</i> , 2022, 10, 3189.	1.4	48
5933	The critical periods of cerebral plasticity: A key aspect in a dialog between psychoanalysis and neuroscience centered on the psychopathology of schizophrenia. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	3
5934	Transgenerational transmission of aspartame-induced anxiety and changes in glutamate-GABA signaling and gene expression in the amygdala. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	21
5935	Infant excitation/inhibition balance interacts with executive attention to predict autistic traits in childhood. <i>Molecular Autism</i> , 2022, 13, .	2.6	8
5936	MirDIP 5.2: tissue context annotation and novel microRNA curation. <i>Nucleic Acids Research</i> , 2023, 51, D217-D225.	6.5	10
5937	Precision Medicine and Novel Therapeutic Strategies in Detection and Treatment of Cancer: Highlights from the 58th IACR Annual Conference. <i>Cancers</i> , 2022, 14, 6213.	1.7	0
5938	Loss of ARHGAP15 affects the directional control of migrating interneurons in the embryonic cortex and increases susceptibility to epilepsy. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
5939	Systematic comparison of differential expression networks in MTB mono-, HIV mono- and MTB/HIV co-infections for drug repurposing. <i>PLoS Computational Biology</i> , 2022, 18, e1010744.	1.5	0
5940	A novel compound heterozygous BEST1 gene mutation in two siblings causing autosomal recessive bestrophinopathy. <i>BMC Ophthalmology</i> , 2022, 22, .	0.6	0
5941	Wholeâ€œxome sequencing of a Saudi epilepsy cohort reveals association signals in known and potentially novel loci. <i>Human Genomics</i> , 2022, 16, .	1.4	0
5942	Development and Application of Brain Regionâ€œSpecific Organoids for Investigating Psychiatric Disorders. <i>Biological Psychiatry</i> , 2023, 93, 594-605.	0.7	10
5943	The role of KCC2 and NKCC1 in spinal cord injury: From physiology to pathology. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	6
5944	Recent advances of $\hat{\beta}$ -aminobutyric acid: Physiological and immunity function, enrichment, and metabolic pathway. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	16
5945	De novo mutation hotspots in homologous protein domains identify function-altering mutations in neurodevelopmental disorders. <i>American Journal of Human Genetics</i> , 2023, 110, 92-104.	2.6	3

#	ARTICLE	IF	CITATIONS
5946	Neurexins and their ligands at inhibitory synapses. <i>Frontiers in Synaptic Neuroscience</i> , 0, 14, .	1.3	6
5947	Methylome-wide association study of different responses to risperidone in schizophrenia. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
5948	gldc Is Essential for Renal Progenitor Patterning during Kidney Development. <i>Biomedicines</i> , 2022, 10, 3220.	1.4	8
5949	Altered GABAA Receptor Expression in the Primary Somatosensory Cortex of a Mouse Model of Genetic Absence Epilepsy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15685.	1.8	1
5950	Rapid Targeted Sequencing Using Dried Blood Spot Samples for Patients With Suspected Actionable Genetic Diseases. <i>Annals of Laboratory Medicine</i> , 2023, 43, 280-289.	1.2	4
5951	Extracellular vesicles in the glioblastoma microenvironment: A diagnostic and therapeutic perspective. <i>Molecular Aspects of Medicine</i> , 2023, 91, 101167.	2.7	6
5952	Shaking up the silence: consequences of HMGN1 antagonizing PRC2 in the Down syndrome brain. <i>Epigenetics and Chromatin</i> , 2022, 15, .	1.8	2
5953	Synapse integrity and function: Dependence on protein synthesis and identification of potential failure points. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	2
5954	Recent advances in epigenetic anticancer therapeutics and future perspectives. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
5955	A Novel and Functionally Diverse Class of Acetylcholine-Gated Ion Channels. <i>Journal of Neuroscience</i> , 2023, 43, 1111-1124.	1.7	4
5956	EZH2: An Accomplice of Gastric Cancer. <i>Cancers</i> , 2023, 15, 425.	1.7	10
5957	Exploration of Tumor Biopsy Gene Signatures to Understand the Role of the Tumor Microenvironment in Outcomes to Lisocabtagene Maraleucel. <i>Molecular Cancer Therapeutics</i> , 2023, 22, 406-418.	1.9	2
5958	Autism Spectrum Disorders: A Recent Update on Targeting Inflammatory Pathways with Natural Anti-Inflammatory Agents. <i>Biomedicines</i> , 2023, 11, 115.	1.4	10
5959	Global Impairment of Immediate-Early Genes Expression in Rett Syndrome Models and Patients Linked to Myelination Defects. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1453.	1.8	3
5960	Estrogen fluctuations during the menopausal transition are a risk factor for depressive disorders. <i>Pharmacological Reports</i> , 2023, 75, 32-43.	1.5	4
5961	A single-cell atlas reveals the heterogeneity of meningeal immunity in a mouse model of Methyl CpG binding protein 2 deficiency. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
5962	Filamin A organizes Î³-aminobutyric acid type B receptors at the plasma membrane. <i>Nature Communications</i> , 2023, 14, .	5.8	3
5964	Inflammatory brain lesions preceding primary central nervous system lymphoma: a case report and genetic analysis. <i>Neurological Sciences</i> , 0, , .	0.9	0

#	ARTICLE	IF	CITATIONS
5965	Cortical inhibitory but not excitatory synaptic transmission and circuit refinement are altered after the deletion of NMDA receptors during early development. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
5966	Successful Treatment of Large B-Cell Lymphoma in a Child with Compound Heterozygous Mutation in the ATM Gene. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1099.	1.8	3
5967	An in silico toolbox for the prediction of the potential pathogenic effects of missense mutations in the dimeric region of <i>RPE65</i>. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2023, 38, .	2.5	1
5968	Case report: Incomplete penetrance of autosomal dominant myotonia congenita caused by a rare CLCN1 variant c.1667T>A (p.I556N) in a Malaysian family. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
5969	Characterizing crosstalk in epigenetic signaling to understand disease physiology. <i>Biochemical Journal</i> , 2023, 480, 57-85.	1.7	4
5970	The role of altered protein acetylation in neurodegenerative disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	9
5971	Emerging Epigeneticâ€Based Nanotechnology for Cancer Therapy: Modulating the Tumor Microenvironment. <i>Advanced Science</i> , 2023, 10, .	5.6	14
5972	Autism Spectrum Disorder: Neurodevelopmental Risk Factors, Biological Mechanism, and Precision Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1819.	1.8	24
5973	Discovery of IHMT-337 as a potent irreversible EZH2 inhibitor targeting CDK4 transcription for malignancies. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	8
5974	CRISPR/Cas9 therapeutics: progress and prospects. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	73
5975	Functional Characterization of a Spectrum of Novel Romano-Ward Syndrome KCNQ1 Variants. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1350.	1.8	2
5976	Evolutionary Landscape of SOX Genes to Inform Genotype-to-Phenotype Relationships. <i>Genes</i> , 2023, 14, 222.	1.0	2
5977	Gene Expression and Epigenetic Regulation in the Prefrontal Cortex of Schizophrenia. <i>Genes</i> , 2023, 14, 243.	1.0	5
5978	Targeting Menin disrupts the KMT2A/B and polycomb balance to paradoxically activate bivalent genes. <i>Nature Cell Biology</i> , 0, , .	4.6	3
5979	Cell type characterization of spatiotemporal gene co-expression modules in Down syndrome brain. <i>IScience</i> , 2023, 26, 105884.	1.9	3
5980	Lipopolysaccharide Exacerbates Ketamine-Induced Psychotic-Like Behavior, Oxidative Stress, and Neuroinflammation in Mice: Ameliorative Effect of Diosmin. <i>Journal of Molecular Neuroscience</i> , 2023, 73, 129-142.	1.1	4
5981	Gold Nanoparticles as a Biosensor for Cancer Biomarker Determination. <i>Molecules</i> , 2023, 28, 364.	1.7	12
5982	iPSC-Derived Striatal Medium Spiny Neurons from Patients with Multiple System Atrophy Show Hypoexcitability and Elevated $\beta$ -Synuclein Release. <i>Cells</i> , 2023, 12, 223.	1.8	1

#	ARTICLE	IF	CITATIONS
5983	Changing subplate circuits: Early activity dependent circuit plasticity. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	4
5984	Small molecule modulators of chromatin remodeling: from neurodevelopment to neurodegeneration. <i>Cell and Bioscience</i> , 2023, 13, .	2.1	12
5985	Serum sodium ions and chloride ions associated with taxane-induced peripheral neuropathy in Chinese patients with early-stage breast cancer: A nation-wide multicenter study. <i>Breast</i> , 2023, 67, 36-45.	0.9	0
5986	Altered dendritic morphology in dorsolateral prefrontal cortex of nonhuman primates prenatally exposed to maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2023, 109, 92-101.	2.0	6
5987	Risk for alcohol use problems in severe mental illness: Interactions with sex and racial/ethnic minority status. <i>Journal of Affective Disorders</i> , 2023, 325, 329-336.	2.0	2
5988	Multispecies transcriptomes reveal core fruit development genes. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
5989	Remarkable Synergy When Combining EZH2 Inhibitors with YM155 Is H3K27me3-Independent. <i>Cancers</i> , 2023, 15, 208.	1.7	1
5990	In individuals with Williams syndrome, dysregulation of methylation in non-coding regions of neuronal and oligodendrocyte DNA is associated with pathology and cortical development. <i>Molecular Psychiatry</i> , 2023, 28, 1112-1127.	4.1	5
5991	Targeted Epigenetic Interventions in Cancer with an Emphasis on Pediatric Malignancies. <i>Biomolecules</i> , 2023, 13, 61.	1.8	0
5992	How Are Synapses Born? A Functional and Molecular View of the Role of the Wnt Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2023, 24, 708.	1.8	2
5993	Mature parvalbumin interneuron function in prefrontal cortex requires activity during a postnatal sensitive period. <i>ELife</i> , 0, 11, .	2.8	15
5994	DNA damage repair gene mutations predict the efficacy of platinum-based chemotherapy and immunotherapy plus platinum-based chemotherapy in advanced non-small cell lung cancer: a retrospective Chinese cohort study. <i>Translational Lung Cancer Research</i> , 2022, 11, 2539-2566.	1.3	0
5995	Deleterious, protein-altering variants in the transcriptional coregulator ZMYM3 in 27 individuals with a neurodevelopmental delay phenotype. <i>American Journal of Human Genetics</i> , 2023, 110, 215-227.	2.6	4
5996	Variant Location Is a Novel Risk Factor for Individuals With Arrhythmogenic Cardiomyopathy Due to a Desmoplakin ( <i>DSP</i> ) Truncating Variant. <i>Circulation Genomic and Precision Medicine</i> , 2023, 16, .	1.6	6
5997	Epimutations and Their Effect on Chromatin Organization: Exciting Avenues for Cancer Treatment. <i>Cancers</i> , 2023, 15, 215.	1.7	1
5998	Identification of miRNA-mediated gene regulatory networks in L-methionine exposure counteracts cocaine-conditioned place preference in mice. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
5999	TadA reprogramming to generate potent miniature base editors with high precision. <i>Nature Communications</i> , 2023, 14, .	5.8	11
6000	Cholinergic neurons in the basal forebrain are involved in behavioral abnormalities associated with Cul3 deficiency: Role of prefrontal cortex projections in cognitive deficits. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	7

#	ARTICLE	IF	CITATIONS
6001	Mechanisms Underlying the Recruitment of Inhibitory Interneurons in Fictive Swimming in Developing <i>Xenopus laevis</i> Tadpoles. <i>Journal of Neuroscience</i> , 2023, 43, 1387-1404.	1.7	1
6002	Jumonji domain-containing protein RIOX2 is overexpressed and associated with worse survival outcomes in prostate cancers. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
6003	The GABA and GABA-Receptor System in Inflammation, Anti-Tumor Immune Responses, and COVID-19. <i>Biomedicines</i> , 2023, 11, 254.	1.4	10
6004	Mouse models of fragile X-related disorders. <i>DMM Disease Models and Mechanisms</i> , 2023, 16, .	1.2	4
6005	The Immunology of DLBCL. <i>Cancers</i> , 2023, 15, 835.	1.7	10
6006	Elevated insulin growth factor-1 in dentate gyrus induces cognitive deficits in pre-term newborns. <i>Cerebral Cortex</i> , 0, , .	1.6	2
6007	Understanding Insulin in the Age of Precision Medicine and Big Data: Under-Explored Nature of Genomics. <i>Biomolecules</i> , 2023, 13, 257.	1.8	1
6008	Biological responses to terahertz radiation with different power density in primary hippocampal neurons. <i>PLoS ONE</i> , 2023, 18, e0267064.	1.1	4
6009	Excitatory/inhibitory imbalance in autism: the role of glutamate and GABA gene-sets in symptoms and cortical brain structure. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	13
6010	Neonatal inflammation increases hippocampal KCC2 expression through methylation-mediated TGF- $\beta$ 1 downregulation leading to impaired hippocampal cognitive function and synaptic plasticity in adult mice. <i>Journal of Neuroinflammation</i> , 2023, 20, .	3.1	3
6012	Development of a versatile nuclease prime editor with upgraded precision. <i>Nature Communications</i> , 2023, 14, .	5.8	8
6013	Inhibition of EZH2 Causes Retrotransposon Derepression and Immune Activation in Porcine Lung Alveolar Macrophages. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2394.	1.8	0
6016	Low frequency repetitive transcranial magnetic stimulation promotes plasticity of the visual cortex in adult amblyopic rats. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
6017	Dexmedetomidine Pre-Treatment of Neonatal Rats Prevents Sevoflurane-Induced Deficits in Learning and Memory in the Adult Animals. <i>Biomedicines</i> , 2023, 11, 391.	1.4	1
6018	S-Palmitoylation of Synaptic Proteins in Neuronal Plasticity in Normal and Pathological Brains. <i>Cells</i> , 2023, 12, 387.	1.8	10
6019	Adult neuroplasticity employs developmental mechanisms. <i>Frontiers in Systems Neuroscience</i> , 0, 16, .	1.2	2
6020	Tip60/KAT5 Histone Acetyltransferase Is Required for Maintenance and Neurogenesis of Embryonic Neural Stem Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2113.	1.8	1
6021	Behavioral and Sensory Deficits Associated with Dysfunction of GABAergic System in a Novel shank2-Deficient Zebrafish Model. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2208.	1.8	2

#	ARTICLE	IF	CITATIONS
6022	TIVAN-indel: a computational framework for annotating and predicting non-coding regulatory small insertions and deletions. <i>Bioinformatics</i> , 2023, 39, .	1.8	2
6023	The Contribution of the Zebrafish Model to the Understanding of Polycomb Repression in Vertebrates. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2322.	1.8	0
6024	Understanding the Role of ATP Release through Connexins Hemichannels during Neurulation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2159.	1.8	3
6025	Exploring neurotransmitters and their receptors for breast cancer prevention and treatment. <i>Theranostics</i> , 2023, 13, 1109-1129.	4.6	7
6026	Genomics in Treatment Development. <i>Advances in Neurobiology</i> , 2023, , 363-385.	1.3	0
6028	Hodgkin Lymphoma Cell Lines and Tissues Express mGluR5: A Potential Link to Ophelia Syndrome and Paraneoplastic Neurological Disease. <i>Cells</i> , 2023, 12, 606.	1.8	0
6029	Targeting epigenetic regulators to overcome drug resistance in cancers. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	42
6030	Seizure-induced hilar ectopic granule cells in the adult dentate gyrus. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	3
6031	Gestational iron deficiency affects the ratio between interneuron subtypes in the postnatal cerebral cortex in mice. <i>Development (Cambridge)</i> , 2023, 150, .	1.2	3
6032	Recent advances in therapeutic CRISPR-Cas9 genome editing: mechanisms and applications. <i>Molecular Biomedicine</i> , 2023, 4, .	1.7	3
6033	Modelling hyperexcitability in human cerebral cortical organoids: Oxygen/glucose deprivation most effective stimulant. <i>Heliyon</i> , 2023, 9, e14999.	1.4	2
6034	Neurotrophins: Expression of Brainâ€™Lung Axis Development. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7089.	1.8	5
6035	An Update of Epigenetic Drugs for the Treatment of Cancers and Brain Diseases: A Comprehensive Review. <i>Genes</i> , 2023, 14, 873.	1.0	18
6036	Orthogonal analysis of variants in APOE gene using in-silico approaches reveals novel disrupting variants. <i>Frontiers in Bioinformatics</i> , 0, 3, .	1.0	0
6037	Neuroimmune interactions with binge alcohol drinking in the cerebellum of IL-6 transgenic mice. <i>Neuropharmacology</i> , 2023, 228, 109455.	2.0	3
6038	Correlation of mutated gene and signalling pathways in ASD. <i>IBRO Neuroscience Reports</i> , 2023, 14, 384-392.	0.7	3
6039	Rabies virus infection is associated with variations in calbindin D-28K and calretinin mRNA expression levels in mouse brain tissue. <i>Archives of Virology</i> , 2023, 168, .	0.9	2
6040	Methylome changes associated with functional movement/conversion disorder: Influence of biological sex and childhood abuse exposure. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 125, 110756.	2.5	3

#	ARTICLE	IF	CITATIONS
6041	Cortical Parvalbumin-Positive Interneuron Development and Function Are Altered in the APC Conditional Knockout Mouse Model of Infantile and Epileptic Spasms Syndrome. <i>Journal of Neuroscience</i> , 2023, 43, 1422-1440.	1.7	2
6042	TGF $\beta$ 23, dibutyryl cAMP and a notch inhibitor modulate phenotype late in stem cell-derived dopaminergic neuron maturation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
6043	Maternal immune activation affects socio-communicative behavior in adult rats. <i>Scientific Reports</i> , 2023, 13, .	1.6	7
6044	Cation-Chloride Cotransporters KCC2 and NKCC1 as Therapeutic Targets in Neurological and Neuropsychiatric Disorders. <i>Molecules</i> , 2023, 28, 1344.	1.7	6
6045	Obtaining the best igRNAs for bystander-less correction of all ABE-reversible pathogenic SNVs using high-throughput screening. <i>Molecular Therapy</i> , 2023, 31, 1167-1176.	3.7	2
6048	Identification of brain cell types underlying genetic association with word reading and correlated traits. <i>Molecular Psychiatry</i> , 2023, 28, 1719-1730.	4.1	2
6049	Dissecting and targeting noncanonical functions of EZH2 in multiple myeloma via an EZH2 degrader. <i>Oncogene</i> , 2023, 42, 994-1009.	2.6	6
6050	Adult-Born Granule Cells Contribute to Dentate Gyrus Circuit Reorganization after Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2023, 43, 879-881.	1.7	0
6051	Transition from Animal-Based to Human Induced Pluripotent Stem Cells (iPSCs)-Based Models of Neurodevelopmental Disorders: Opportunities and Challenges. <i>Cells</i> , 2023, 12, 538.	1.8	1
6052	Epitranscriptomic regulation of cortical neurogenesis via Mettl8-dependent mitochondrial tRNA m3C modification. <i>Cell Stem Cell</i> , 2023, 30, 300-311.e11.	5.2	10
6053	Zebrafish as a Potential Model for Neurodegenerative Diseases: A Focus on Toxic Metals Implications. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3428.	1.8	13
6054	Genome-wide Analysis of Histone H3 Lysine 27 Trimethylation Profiles in Sciatic Nerve of Chronic Constriction Injury Rats. <i>Neurochemical Research</i> , 2023, 48, 1945-1957.	1.6	3
6055	The role of histone methyltransferases in neurocognitive disorders associated with brain size abnormalities. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
6056	Inhibition of NKCC1 in spinal dorsal horn and dorsal root ganglion results in alleviation of neuropathic pain in rats with spinal cord contusion. <i>Molecular Pain</i> , 2023, 19, 174480692311598.	1.0	2
6057	A Systematic Review of the Human Accelerated Regions in Schizophrenia and Related Disorders: Where the Evolutionary and Neurodevelopmental Hypotheses Converge. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3597.	1.8	5
6058	Systematic Assessment of Protein C-Termini Mutated in Human Disorders. <i>Biomolecules</i> , 2023, 13, 355.	1.8	0
6059	The first genetic landscape of inherited retinal dystrophies in Portuguese patients identifies recurrent homozygous mutations as a frequent cause of pathogenesis. , 2023, 2, .		4
6060	Therapeutic Hypothermia Attenuates Cortical Interneuron Loss after Cerebral Ischemia in Near-Term Fetal Sheep. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3706.	1.8	0

#	ARTICLE	IF	CITATIONS
6061	Methylation and expression of glucocorticoid receptor exon-1 variants and FKBP5 in teenage suicide-completers. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	6
6062	The Long Noncoding RNA Cytoskeleton Regulator RNA (CYTOR)/miRNA-24-3p Axis Facilitates Nasopharyngeal Carcinoma Progression by Modulating GAD1 Expression. <i>Journal of Oncology</i> , 2023, 2023, 1-15.	0.6	2
6063	Opportunities and limitations for studying neuropsychiatric disorders using patient-derived induced pluripotent stem cells. <i>Molecular Psychiatry</i> , 2023, 28, 1430-1439.	4.1	5
6064	Oral Supplementation with Maca Improves Social Recognition Deficits in the Valproic Acid Animal Model of Autism Spectrum Disorder. <i>Brain Sciences</i> , 2023, 13, 316.	1.1	3
6065	Association of default-mode network neurotransmitters and inter-network functional connectivity in first episode psychosis. <i>Neuropsychopharmacology</i> , 2023, 48, 781-788.	2.8	0
6066	Use of Antiepileptic Drugs and Risk of Prostate Cancer: A Nationwide Case-Control Study in Prostate Cancer Data Base Sweden. <i>Journal of Oncology</i> , 2023, 2023, 1-7.	0.6	0
6067	Prediction of prime editing insertion efficiencies using sequence features and DNA repair determinants. <i>Nature Biotechnology</i> , 2023, 41, 1446-1456.	9.4	21
6068	Copper Induces Cognitive Impairment in Mice via Modulation of Cuproptosis and CREB Signaling. <i>Nutrients</i> , 2023, 15, 972.	1.7	11
6069	Epigenetic reprogramming in pancreatic premalignancy and clinical implications. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
6071	RNA epitranscriptomics dysregulation: A major determinant for significantly increased risk of ASD pathogenesis. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
6072	Selective inhibition of excitatory synaptic transmission alters the emergent bursting dynamics of in vitro neural networks. <i>Frontiers in Neural Circuits</i> , 0, 17, .	1.4	8
6073	Modulation of Synaptic Plasticity Genes Associated to DNA Damage in a Model of Huntingtonâ€™s Disease. <i>Neurochemical Research</i> , 2023, 48, 2093-2103.	1.6	2
6074	KDM6B protects T-ALL cells from NOTCH1-induced oncogenic stress. <i>Leukemia</i> , 2023, 37, 728-740.	3.3	4
6075	Inhibition of EZH2 exerts antitumorigenic effects in renal cell carcinoma via LATS1. <i>FEBS Open Bio</i> , 2023, 13, 724-735.	1.0	3
6076	MeCP2 Is an Epigenetic Factor That Links DNA Methylation with Brain Metabolism. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4218.	1.8	7
6077	Protein domains provide a new layer of information for classifying human variations in rare diseases. <i>Frontiers in Bioinformatics</i> , 0, 3, .	1.0	2
6078	Evaluation of AlphaFold structure-based protein stability prediction on missense variations in cancer. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	11
6079	GABRG2 Variants Associated with Febrile Seizures. <i>Biomolecules</i> , 2023, 13, 414.	1.8	4

#	ARTICLE	IF	CITATIONS
6080	Framing of Poly(arylene-ethynylene) around Carbon Nanotubes and Iodine Doping for the Electrochemical Detection of Dopamine. <i>Biosensors</i> , 2023, 13, 308.	2.3	6
6081	E6AP AZUL interaction with UBQLN1/2 in cells, condensates, and an AlphaFold-NMR integrated structure. <i>Structure</i> , 2023, 31, 395-410.e6.	1.6	7
6082	16p11.2 deletion accelerates subpallial maturation and increases variability in human iPSC-derived ventral telencephalic organoids. <i>Development (Cambridge)</i> , 2023, 150, .	1.2	1
6084	In vivo modulation of endogenous gene expression via CRISPR/Cas9-mediated 3'UTR editing. <i>Heliyon</i> , 2023, 9, e13844.	1.4	0
6085	Characterization by Gene Expression Analysis of Two Groups of Dopaminergic Cells Isolated from the Mouse Olfactory Bulb. <i>Biology</i> , 2023, 12, 367.	1.3	3
6086	Î²-arrestin1-E2F1-ac axis regulates physiological apoptosis and cell cycle exit in cellular models of early postnatal cerebellum. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
6087	The auditory efferent system in mosquitoes. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	3
6088	Histone lysine methyltransferase-related neurodevelopmental disorders: current knowledge and saRNA future therapies. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
6089	Biallelic SHQ1 variants in early infantile hypotonia and paroxysmal dystonia as the leading manifestation. <i>Human Genetics</i> , 2023, 142, 1029-1041.	1.8	4
6090	A neurodevelopmental epigenetic programme mediated by SMARCD3 "DAB1" Reelin signalling is hijacked to promote medulloblastoma metastasis. <i>Nature Cell Biology</i> , 2023, 25, 493-507.	4.6	10
6091	Advances in neurexin studies and the emerging role of neurexin-2 in autism spectrum disorder. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, .	1.4	6
6092	Genomic Strategies in Mitochondrial Diagnostics. <i>Methods in Molecular Biology</i> , 2023, , 397-425.	0.4	0
6093	Harnessing Genomic Analysis to Explore the Role of Telomeres in the Pathogenesis and Progression of Diabetic Kidney Disease. <i>Genes</i> , 2023, 14, 609.	1.0	1
6094	Assessment of neurotransmitter release in human iPSC-derived neuronal/glia cells: a missing in vitro assay for regulatory developmental neurotoxicity testing. <i>Reproductive Toxicology</i> , 2023, 117, 108358.	1.3	2
6095	Hypoxic Preconditioned Neural Stem Cell-Derived Extracellular Vesicles Contain Distinct Protein Cargo from Their Normal Counterparts. <i>Current Issues in Molecular Biology</i> , 2023, 45, 1982-1997.	1.0	1
6096	Benefits and Challenges of Inhibiting EZH2 in Malignant Pleural Mesothelioma. <i>Cancers</i> , 2023, 15, 1537.	1.7	0
6097	Neuron-specific transcriptomic signatures indicate neuroinflammation and altered neuronal activity in ASD temporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	5
6098	Computational network analysis of host genetic risk variants of severe COVID-19. <i>Human Genomics</i> , 2023, 17, .	1.4	2

#	ARTICLE	IF	CITATIONS
6099	CEP162 deficiency causes human retinal degeneration and reveals a dual role in ciliogenesis and neurogenesis. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	2
6100	Epigenetic Targets in Schizophrenia Development and Therapy. <i>Brain Sciences</i> , 2023, 13, 426.	1.1	7
6101	Adolescent binge ethanol impacts H3K36me3 regulation of synaptic genes. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, .	1.4	2
6102	Evaluation of Tazemetostat as a Therapeutically Relevant Substance in Biliary Tract Cancer. <i>Cancers</i> , 2023, 15, 1569.	1.7	5
6103	Synaptic scaling of corticostriatal circuits underlies hyperactivity in GABA Transporter-1 deficient mice. <i>IScience</i> , 2023, 26, 106322.	1.9	1
6104	Clinical advances in epigenetic therapies for lymphoma. <i>Clinical Epigenetics</i> , 2023, 15, .	1.8	3
6105	Defensive and offensive behaviours in a Kleefstra syndrome mouse model. <i>Animal Cognition</i> , 2023, 26, 1131-1140.	0.9	1
6106	The effects of physical activity on glutamate neurotransmission in neuropsychiatric disorders. <i>Frontiers in Sports and Active Living</i> , 0, 5, .	0.9	4
6107	Functional Deficiency of Interneurons and Negative BOLD fMRI Response. <i>Cells</i> , 2023, 12, 811.	1.8	1
6108	Maternal Immune Activation Induces Adolescent Cognitive Deficits Preceded by Developmental Perturbations in Cortical Reelin Signalling. <i>Biomolecules</i> , 2023, 13, 489.	1.8	0
6109	Designer molecules of the synaptic organizer MDGA1 reveal 3D conformational control of biological function. <i>Journal of Biological Chemistry</i> , 2023, 299, 104586.	1.6	2
6110	Construction of copy number variation landscape and characterization of associated genes in a Bangladeshi cohort of neurodevelopmental disorders. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	4
6111	Genetic analyses of DNA repair pathway associated genes implicate new candidate cancer predisposing genes in ancestrally defined ovarian cancer cases. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	1
6112	From circuits to behavior: Amygdala dysfunction in fragile X syndrome. <i>Frontiers in Integrative Neuroscience</i> , 0, 17, .	1.0	0
6113	Molecular and network-level mechanisms explaining individual differences in autism spectrum disorder. <i>Nature Neuroscience</i> , 2023, 26, 650-663.	7.1	24
6114	The potential of gene editing for Huntingtonâ€™s disease. <i>Trends in Neurosciences</i> , 2023, 46, 365-376.	4.2	2
6115	Tumor cell plasticity in targeted therapy-induced resistance: mechanisms and new strategies. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	27
6116	UHRF1/UBE2L6/UBR4-mediated ubiquitination regulates EZH2 abundance and thereby melanocytic differentiation phenotypes in melanoma. <i>Oncogene</i> , 2023, 42, 1360-1373.	2.6	2

#	ARTICLE	IF	CITATIONS
6117	Gamma-Aminobutyric Acid Type A Receptor Subunit Delta (GABRD) Inhibits Breast Cancer Progression by Regulating the Cell Cycle. Iranian Journal of Public Health, 0, , .	0.3	0
6118	Treatment-Resistant Schizophrenia, Clozapine Resistance, Genetic Associations, and Implications for Precision Psychiatry: A Scoping Review. Genes, 2023, 14, 689.	1.0	2
6119	Maleic Acid as a Co-Former for Pharmaceutically Active GABA Derivatives: Mechanochemistry or Solvent Crystallization?. Materials, 2023, 16, 2242.	1.3	1
6120	Jarid2 promotes temporal progression of retinal progenitors via repression of Foxp1. Cell Reports, 2023, 42, 112237.	2.9	2
6121	Developmental changes in brain activity of heterozygous Scn1a knockout rats. Frontiers in Neurology, 0, 14, .	1.1	1
6122	Reelin and APP Cooperatively Modulate Dendritic Spine Formation <i>In Vitro</i> and <i>In Vivo</i> . Experimental Neurobiology, 2023, 32, 42-55.	0.7	1
6123	Asparagine starvation suppresses histone demethylation through iron depletion. IScience, 2023, 26, 106425.	1.9	1
6124	Glutamatergic and GABAergic Receptor Modulation Present Unique Electrophysiological Fingerprints in a Concentration-Dependent and Region-Specific Manner. ENeuro, 2023, 10, ENEURO.0406-22.2023.	0.9	3
6125	Spatiotemporal expression patterns of genes coding for plasmalemmal chloride transporters and channels in neurological diseases. Molecular Brain, 2023, 16, .	1.3	1
6127	Gamma-Aminobutyric Acid Type A Receptor Variants are Associated with Autism Spectrum Disorders. Journal of Molecular Neuroscience, 2023, 73, 237-249.	1.1	1
6128	Intravenous Reelin Treatment Rescues Atrophy of Spleen White Pulp and Correlates to Rescue of Forced Swim Test Immobility and Neurochemical Alterations Induced by Chronic Stress. Chronic Stress, 2023, 7, 247054702311649.	1.7	4
6129	A Role for Second Messengers in Axodendritic Neuronal Polarity. Journal of Neuroscience, 2023, 43, 2037-2052.	1.7	2
6130	DNA Hypomethylation Is Associated with Increased Inflammation in Peripheral Blood Neutrophils of Children with Autism Spectrum Disorder: Understanding the Role of Ubiquitous Pollutant Di(2-ethylhexyl) Phthalate. Metabolites, 2023, 13, 458.	1.3	4
6131	Next-Generation Sequencing (NGS) Analysis Illustrates the Phenotypic Variability of Collagen Type IV Nephropathies. Genes, 2023, 14, 764.	1.0	0
6132	A miR-124-mediated post-transcriptional mechanism controlling the cell fate switch of astrocytes to induced neurons. Stem Cell Reports, 2023, 18, 915-935.	2.3	7
6133	Homologous recombination deficiency signatures in gastrointestinal and thoracic cancers correlate with platinum therapy duration. Npj Precision Oncology, 2023, 7, .	2.3	6
6134	New insights into binocular rivalry from the reconstruction of evolving percepts using model network dynamics. Frontiers in Computational Neuroscience, 0, 17, .	1.2	1
6135	Epigenetic and epitranscriptomic regulation of axon regeneration. Molecular Psychiatry, 2023, 28, 1440-1450.	4.1	3

#	ARTICLE	IF	CITATIONS
6136	A bibliometric analysis of global research status and trends in neuromodulation techniques in the treatment of autism spectrum disorder. <i>BMC Psychiatry</i> , 2023, 23, .	1.1	5
6137	Emergence of consciousness from anesthesia through ubiquitin degradation of KCC2 in the ventral posteromedial nucleus of the thalamus. <i>Nature Neuroscience</i> , 2023, 26, 751-764.	7.1	3
6138	A goldilocks amount of H3K27me3. <i>Nature Chemical Biology</i> , 0, , .	3.9	0
6139	Drug addiction unveils a repressive methylation ceiling in EZH2-mutant lymphoma. <i>Nature Chemical Biology</i> , 2023, 19, 1105-1115.	3.9	6
6140	Implementation of Exome Sequencing in Clinical Practice for Neurological Disorders. <i>Genes</i> , 2023, 14, 813.	1.0	2
6141	Imaging of nerve injury in neonatal acute bilirubin encephalopathy using 1H-MRS and Glu-CEST techniques. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
6142	Deficits in odor discrimination versus odor identification in patients with schizophrenia and negative correlations with GABAergic and DNA methyltransferase mRNAs in lymphocytes. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	0
6143	Role of cortical excitatory/inhibitory imbalance in autism spectrum disorders from a symptom severity trajectories framework: a study protocol. <i>BMC Psychiatry</i> , 2023, 23, .	1.1	0
6145	Ethics in pre-ART genetics: a missed X-linked Menkes disease case. <i>Journal of Assisted Reproduction and Genetics</i> , 0, , .	1.2	0
6148	CRaTER enrichment for on-target gene editing enables generation of variant libraries in hiPSCs. <i>Journal of Molecular and Cellular Cardiology</i> , 2023, 179, 60-71.	0.9	1
6149	Neoadjuvant enoblituzumab in localized prostate cancer: a single-arm, phase 2 trial. <i>Nature Medicine</i> , 2023, 29, 888-897.	15.2	16
6150	13-Cis Retinoic Acid Induces Neuronal Differentiation in Daoy (Medulloblastoma) Cells Through Epigenetic Regulation of Topoisomerase II <sup>β</sup> . <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 7429-7445.	1.4	0
6151	Retinal self-organization: a model of retinal ganglion cells and starburst amacrine cells mosaic formation. <i>Open Biology</i> , 2023, 13, .	1.5	2
6152	Test development, optimization and validation of a WGS pipeline for genetic disorders. <i>BMC Medical Genomics</i> , 2023, 16, .	0.7	1
6153	The Possibility of Eidetic Memory in a Patient Report of Epileptogenic Zone in Right Temporo-Parietal-Occipital Cortex. <i>Life</i> , 2023, 13, 956.	1.1	0
6154	Diverse Functions of Multiple Bdnf Transcripts Driven by Distinct Bdnf Promoters. <i>Biomolecules</i> , 2023, 13, 655.	1.8	4
6155	Inhibitory Synaptic Influences on Developmental Motor Disorders. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6962.	1.8	2
6156	Simplified algorithm for genetic subtyping in diffuse large B-cell lymphoma. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	11

#	ARTICLE	IF	CITATIONS
6157	Control of contextual memory through interneuronal $\hat{\pm}$ 5-GABAA receptors. , 2023, 2, .		4
6158	Mapping of quantitative trait loci for the nutritional value of fresh market tomato. Functional and Integrative Genomics, 2023, 23, .	1.4	2
6159	A working taxonomy for describing the sensory differences of autism. Molecular Autism, 2023, 14, .	2.6	5
6160	Exploring relationships between autistic traits and body temperature, circadian rhythms, and age. Scientific Reports, 2023, 13, .	1.6	1
6161	In the business of base editors: Evolution from bench to bedside. PLoS Biology, 2023, 21, e3002071.	2.6	10
6162	Advances in the Electrophysiological Recordings of Long-Term Potentiation. International Journal of Molecular Sciences, 2023, 24, 7134.	1.8	3
6163	Cancer neuroscience: State of the field, emerging directions. Cell, 2023, 186, 1689-1707.	13.5	53
6164	Structure-Function of the Human WAC Protein in GABAergic Neurons: Towards an Understanding of Autosomal Dominant DeSantoâ€™Shinawi Syndrome. Biology, 2023, 12, 589.	1.3	0
6165	Does stochastic resonance improve performance for individuals with higher autism-spectrum quotient?. Frontiers in Neuroscience, 0, 17, .	1.4	1
6166	Structural and Pathogenic Impacts of ABCA4 Variants in Retinal Degenerationsâ€™An In-Silico Study. International Journal of Molecular Sciences, 2023, 24, 7280.	1.8	1
6167	Hierarchical multi-omics data integration and modeling predict cell-specific chemical proteomics and drug responses. Cell Reports Methods, 2023, , 100452.	1.4	0
6168	Developmental loss of ErbB4 in PV interneurons disrupts state-dependent cortical circuit dynamics. Molecular Psychiatry, 2023, 28, 3133-3143.	4.1	4
6169	A pilot investigation of differential hydroxymethylation levels in patient-derived neural stem cells implicates altered cortical development in bipolar disorder. Frontiers in Psychiatry, 0, 14, .	1.3	0
6171	Imbalanced expression of cation-chloride cotransporters as a potential therapeutic target in an Angelman syndrome mouse model. Scientific Reports, 2023, 13, .	1.6	4
6172	<i>Syngap1</i> Disruption Induced by Recombination between Inverted loxP Sites Is Associated with Hippocampal Interneuron Dysfunction. ENeuro, 2023, 10, ENEURO.0475-22.2023.	0.9	3
6173	Regulation of the E/I-balance by the neural matrisome. Frontiers in Molecular Neuroscience, 0, 16, .	1.4	3
6174	PAM-flexible Cas9-mediated base editing of a hemophilia B mutation in induced pluripotent stem cells. Communications Medicine, 2023, 3, .	1.9	5
6175	TET3 as a non-invasive screening tool for the detection of fibrosis in patients with chronic liver disease. Scientific Reports, 2023, 13, .	1.6	0

#	ARTICLE	IF	CITATIONS
6176	Transcriptional-translational conflict is a barrier to cellular transformation and cancer progression. <i>Cancer Cell</i> , 2023, 41, 853-870.e13.	7.7	6
6177	A comparison of anatomic and cellular transcriptome structures across 40 human brain diseases. <i>PLoS Biology</i> , 2023, 21, e3002058.	2.6	11
6178	Adult-specific Reelin expression alters striatal neuronal organization: implications for neuropsychiatric disorders. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	1.8	2
6179	A Review of CRISPR Tools for Treating Usher Syndrome: Applicability, Safety, Efficiency, and In Vivo Delivery. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7603.	1.8	2
6180	Contribution of LRP1 in Human Congenital Heart Disease Correlates with Its Roles in the Outflow Tract and Atrioventricular Cushion Development. <i>Genes</i> , 2023, 14, 947.	1.0	0
6181	H2A monoubiquitination: insights from human genetics and animal models. <i>Human Genetics</i> , 0, , .	1.8	0
6188	Gain-of-Function Variomics and Multi-omics Network Biology for Precision Medicine. <i>Methods in Molecular Biology</i> , 2023, , 357-372.	0.4	0
6198	Epigenetic Regulations, Motif and Pathway Identification of Gabaergic Neurotransmitterâ€™s Chip Sequence. , 2023, , 121-131.		0