Chiye J Aoki

List of Publications by Year
in descending order

133 papers	8,055 citations	44069 48 h-index	53230 85 g-index
140 all docs	140 docs citations	140 times ranked	7231 citing authors

#	Article	IF	Citations
1	Optimization of differential immunogold-silver and peroxidase labeling with maintenance of ultrastructure in brain sections before plastic embedding. Journal of Neuroscience Methods, 1990, 33, 113-127.	2.5	442
2	Gain Modulation by Nicotine in Macaque V1. Neuron, 2007, 56, 701-713.	8.1	279
3	Hearing Loss Raises Excitability in the Auditory Cortex. Journal of Neuroscience, 2005, 25, 3908-3918.	3.6	264
4	Dual Palmitoylation of Psd-95 Mediates Its Vesiculotubular Sorting, Postsynaptic Targeting, and Ion Channel Clustering. Journal of Cell Biology, 2000, 148, 159-172.	5.2	260
5	Conditional Deletion of the Glutamate Transporter GLT-1 Reveals That Astrocytic GLT-1 Protects against Fatal Epilepsy While Neuronal GLT-1 Contributes Significantly to Glutamate Uptake into Synaptosomes. Journal of Neuroscience, 2015, 35, 5187-5201.	3.6	249
6	A Distributed Network for Social Cognition Enriched for Oxytocin Receptors. Journal of Neuroscience, 2016, 36, 2517-2535.	3.6	245
7	The Glutamate Transporter GLT1a Is Expressed in Excitatory Axon Terminals of Mature Hippocampal Neurons. Journal of Neuroscience, 2004, 24, 1136-1148.	3.6	240
8	Reversal of neurosteroid effects at Î±4Î²2Î´ GABAA receptors triggers anxiety at puberty. Nature Neuroscience, 2007, 10, 469-477.	14.8	220
9	AMPA receptor downscaling at the onset of Alzheimer's disease pathology in double knockin mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3410-3415.	7.1	208
10	Perikaryal and synaptic localization ofÎ±2A-adrenergic receptor-like immunoreactivity. Brain Research, 1994, 650, 181-204.	2.2	197
11	Expression of a Variant Form of the Glutamate Transporter GLT1 in Neuronal Cultures and in Neurons and Astrocytes in the Rat Brain. Journal of Neuroscience, 2002, 22, 2142-2152.	3.6	193
12	SAP97 and CASK mediate sorting of NMDA receptors through a previously unknown secretory pathway. Nature Neuroscience, 2009, 12, 1011-1019.	14.8	184
13	Differential localization of NMDA and AMPA receptor subunits in the lateral and basal nuclei of the amygdala: A light and electron microscopic study. Journal of Comparative Neurology, 1995, 362, 86-108.	1.6	157
14	A Critical Role for Î±4Î²Î´ GABA _A Receptors in Shaping Learning Deficits at Puberty in Mice. Science, 2010, 327, 1515-1518.	12.6	146
15	Cellular and subcellular sites for noradrenergic action in the monkey dorsolateral prefrontal cortex as revealed by the immunocytochemical localization of noradrenergic receptors and axons. Cerebral Cortex, 1998, 8, 269-277.	2.9	128
16	Silencing of Neuroligin Function by Postsynaptic Neurexins. Journal of Neuroscience, 2007, 27, 2815-2824.	3.6	128
17	Nitric oxide synthase in the visual cortex of monocular monkeys as revealed by light and electron microscopic immunocytochemistry. Brain Research, 1993, 620, 97-113.	2.2	127
18	Electron microscopic immunocytochemical detection of PSD-95, PSD-93, SAP-102, and SAP-97 at postsynaptic, presynaptic, and nonsynaptic sites of adult and neonatal rat visual cortex. Synapse, 2001, 40, 239-257.	1.2	125

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19	Ultrastructural localization of Î²-adrenergic receptor-like immunoreactivity in the cortex and neostriatum of rat brain. Brain Research, 1987, 437, 264-282.	2.2	116
20	Plasticity in Brain Development. Scientific American, 1988, 259, 56-64.	1.0	114
21	The Earliest Events in Vesicular Stomatitis Virus Infection of the Murine Olfactory Neuroepithelium and Entry of the Central Nervous System. Virology, 1995, 209, 257-262.	2.4	112
22	The synthesis of ATP by glycolytic enzymes in the postsynaptic density and the effect of endogenously generated nitric oxide. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13273-13278.	7.1	112
23	Drebrin A is a postsynaptic protein that localizes in vivo to the submembranous surface of dendritic sites forming excitatory synapses. Journal of Comparative Neurology, 2005, 483, 383-402.	1.6	109
24	NMDA-R1 subunit of the cerebral cortex co-localizes with neuronal nitric oxide synthase at pre- and postsynaptic sites and in spines. Brain Research, 1997, 750, 25-40.	2.2	102
25	Localization of brain-derived neurotrophic factor and trkb receptors to postsynaptic densities of adult rat cerebral cortex. , 2000, 59, 454-463.		98
26	Muscarinic acetylcholine receptors in macaque V1 are most frequently expressed by parvalbuminâ€immunoreactive neurons. Journal of Comparative Neurology, 2008, 507, 1748-1762.	1.6	97
27	Cypin. Neuron, 1999, 24, 659-672.	8.1	93
28	Distribution of vesicular stomatitis virus proteins in the brain of BALB/c mice following intranasal inoculation: an immunohistochemical analysis. Brain Research, 1994, 635, 81-95.	2.2	92
29	Î±7 Nicotinic Acetylcholine Receptors Occur at Postsynaptic Densities of AMPA Receptor-Positive and -Negative Excitatory Synapses in Rat Sensory Cortex. Journal of Neuroscience, 2002, 22, 5001-5015.	3.6	91
30	Glial glutamate dehydrogenase: Ultrastructural localization and regional distribution in relation to the mitochondrial enzyme, cytochrome oxidase. Journal of Neuroscience Research, 1987, 18, 305-318.	2.9	88
31	The laminar distributions and postnatal development of neurotransmitter and neuromodulator receptors in cat visual cortex. Brain Research Bulletin, 1986, 16, 661-671.	3.0	86
32	Differential expression of muscarinic acetylcholine receptors across excitatory and inhibitory cells in visual cortical areas V1 and V2 of the macaque monkey. Journal of Comparative Neurology, 2006, 499, 49-63.	1.6	86
33	Ion Channel Clustering by Membrane-associated Guanylate Kinases. Journal of Biological Chemistry, 2000, 275, 23904-23910.	3.4	85
34	Neuropeptide Y in the cerebral cortex and the caudate-putamen nuclei: ultrastructural basis for interactions with GABAergic and non-GABAergic neurons. Journal of Neuroscience, 1989, 9, 4333-4354.	3.6	78
35	Characterization of Age-Dependent and Progressive Cortical Neuronal Degeneration in Presenilin Conditional Mutant Mice. PLoS ONE, 2010, 5, e10195.	2.5	77
36	Identification of mitochondrial and non-mitochondrial glutaminase within select neurons and glia of rat forebrain by electron microscopic immunocytochemistry. Journal of Neuroscience Research, 1991, 28, 531-548.	2.9	76

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37	Cellular and subcellular distribution of ?2A-adrenergic receptors in the visual cortex of neonatal and adult rats. Journal of Comparative Neurology, 1996, 365, 79-95.	1.6	76
38	Glutamate immunoreactive terminals in the lateral amygdaloid nucleus: a possible substrate for emotional memory. Brain Research, 1992, 593, 145-158.	2.2	74
39	Neuropeptide Y-containing neurons in the rat striatum: ultrastructure and cellular relations with tyrosine hydroxylase-containing terminals and with astrocytes. Brain Research, 1988, 459, 205-225.	2.2	70
40	Neuropeptide Y in Cortex and Striatum.. Annals of the New York Academy of Sciences, 1990, 611, 186-205.	3.8	70
41	Cholinergic terminals in the cat visual cortex: Ultrastructural basis for interaction with glutamate-immunoreactive neurons and other cells. Visual Neuroscience, 1992, 8, 177-191.	1.0	67
42	Hearing Loss Alters the Subcellular Distribution of Presynaptic GAD and Postsynaptic GABAA Receptors in the Auditory Cortex. Cerebral Cortex, 2008, 18, 2855-2867.	2.9	67
43	C-terminal tail of Î²-adrenergic receptors: immunocytochemical localization within astrocytes and their relation to catecholaminergic neurons in N. tractus solitarii and area postrema. Brain Research, 1992, 571, 35-49.	2.2	64
44	Activation of Î²â€adrenergic receptors in rat visual cortex expands astrocytic processes and reduces extracellular space volume. Synapse, 2016, 70, 307-316.	1.2	60
45	Anxiety is correlated with running in adolescent female mice undergoing activity-based anorexia.. Behavioral Neuroscience, 2015, 129, 170-182.	1.2	58
46	Cytoplasmic loop of Î²-adrenergic receptors: synaptic and intracellular localization and relation to catecholaminergic neurons in the nuclei of the solitary tracts. Brain Research, 1989, 493, 331-347.	2.2	56
47	Adolescent female rats exhibiting activityâ€based anorexia express elevated levels of GABA_A receptor Î±4 and Î´ subunits at the plasma membrane of hippocampal CA1 spines. Synapse, 2012, 66, 391-407.	1.2	55
48	Early life trauma increases threat response of periâ€weaning rats, reduction of axoâ€somatic synapses formed by parvalbumin cells and perineuronal net in the basolateral nucleus of amygdala. Journal of Comparative Neurology, 2018, 526, 2647-2664.	1.6	54
49	Ultrastructural relations between Î²-adrenergic receptors and catecholaminergic neurons. Brain Research Bulletin, 1992, 29, 257-263.	3.0	52
50	Drebrin a knockout eliminates the rapid form of homeostatic synaptic plasticity at excitatory synapses of intact adult cerebral cortex. Journal of Comparative Neurology, 2009, 517, 105-121.	1.6	51
51	Cholinergic suppression of visual responses in primate V1 is mediated by GABAergic inhibition. Journal of Neurophysiology, 2012, 108, 1907-1923.	1.8	51
52	The Biochemical Anatomy of Cortical Inhibitory Synapses. PLoS ONE, 2012, 7, e39572.	2.5	50
53	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. Brain Research, 2017, 1654, 102-115.	2.2	49
54	Immunocytochemical Study of GnRH and GnRH-Associated Peptide in Male Syrian Hamsters as a Function of Photoperiod and Gonadal Alterations. Neuroendocrinology, 1992, 55, 134-145.	2.5	44

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55	Puberty, steroids and GABAA receptor plasticity. Psychoneuroendocrinology, 2009, 34, S91-S103.	2.7	44
56	In vivo blockade of N-methyl-d-aspartate receptors induces rapid trafficking of NR2B subunits away from synapses and out of spines and terminals in adult cortex. Neuroscience, 2003, 121, 51-63.	2.3	42
57	Deletion of Neuronal GLT-1 in Mice Reveals Its Role in Synaptic Glutamate Homeostasis and Mitochondrial Function. Journal of Neuroscience, 2019, 39, 4847-4863.	3.6	42
58	NMDA receptor blockade in intact adult cortex increases trafficking of NR2A subunits into spines, postsynaptic densities, and axon terminals. Brain Research, 2003, 963, 139-149.	2.2	41
59	Decreased expression of <scp>GLT</scp>â€1 in the R6/2 model of Huntington's disease does not worsen disease progression. European Journal of Neuroscience, 2013, 38, 2477-2490.	2.6	41
60	Nicotinic and Muscarinic Reduction of Unitary Excitatory Postsynaptic Potentials in Sensory Cortex; Dual Intracellular Recording In Vitro. Journal of Neurophysiology, 2006, 95, 2155-2166.	1.8	39
61	Chapter 7 The subcellular distribution of nitric oxide synthase relative to the NR1 subunit of NMDA receptors in the cerebral cortex. Progress in Brain Research, 1998, 118, 83-97.	1.4	37
62	Drebrin a content correlates with spine head size in the adult mouse cerebral cortex. Journal of Comparative Neurology, 2007, 503, 618-626.	1.6	37
63	Activityâ€based anorexia during adolescence disrupts normal development of the CA1 pyramidal cells in the ventral hippocampus of female rats. Hippocampus, 2014, 24, 1421-1429.	1.9	37
64	Ultrastructural Immunolocalization of the alpha7 nAChR Subunit in Guinea Pig Medial Prefrontal Cortex. Annals of the New York Academy of Sciences, 1999, 868, 628-632.	3.8	35
65	Endogenous GluR1â€containing AMPA receptors translocate to asymmetric synapses in the lateral amygdala during the early phase of fear memory formation: An electron microscopic immunocytochemical study. Journal of Comparative Neurology, 2010, 518, 4723-4739.	1.6	35
66	Remission from Chronic Anorexia Nervosa With Ketogenic Diet and Ketamine: Case Report. Frontiers in Psychiatry, 2020, 11, 763.	2.6	33
67	The ontogeny of the laminar distribution of Î²-adrenergic receptors in the visual cortex of cats, normally reared and dark-reared. Developmental Brain Research, 1986, 27, 109-116.	1.7	32
68	Adolescent female C57BL/6 mice with vulnerability to activity-based anorexia exhibit weak inhibitory input onto hippocampal CA1 pyramidal cells. Neuroscience, 2013, 241, 250-267.	2.3	32
69	Activity-based anorexia has differential effects on apical dendritic branching in dorsal and ventral hippocampal CA1. Brain Structure and Function, 2014, 219, 1935-1945.	2.3	32
70	Benzodiazepine ([3H]flunitrazepam) binding in cat visual cortex: ontogenesis of normal characteristics and the effects of dark rearing. Developmental Brain Research, 1987, 37, 67-76.	1.7	31
71	Muscarinic receptor M2 in cat visual cortex: Laminar distribution, relationship to ?-aminobutyric acidergic neurons, and effect of cingulate lesions. Journal of Comparative Neurology, 2001, 441, 168-185.	1.6	31
72	Sucrose Ingestion Induces Rapid AMPA Receptor Trafficking. Journal of Neuroscience, 2013, 33, 6123-6132.	3.6	31

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73	Modification of neurotransmitter receptor sensitivity in cat visual cortex during the critical period. Developmental Brain Research, 1985, 22, 67-73.	1.7	30
74	Noradrenergic Modulation of the Prefrontal Cortex as Revealed by Electron Microscopic Immunocytochemistry. Advances in Pharmacology, 1997, 42, 777-780.	2.0	30
75	Enlargement of Axo-Somatic Contacts Formed by GAD-Immunoreactive Axon Terminals onto Layer V Pyramidal Neurons in the Medial Prefrontal Cortex of Adolescent Female Mice Is Associated with Suppression of Food Restriction-Evoked Hyperactivity and Resilience to Activity-Based Anorexia. Cerebral Cortex, 2016, 26, 2574-2589.	2.9	30
76	Knockout of the Î³-aminobutyric acid receptor subunit Î±4 reduces functional Î´-containing extrasynaptic receptors in hippocampal pyramidal cells at the onset of puberty. Brain Research, 2012, 1450, 11-23.	2.2	28
77	Neurosteroid effects at Î±4Î²Î´ GABA A receptors alter spatial learning and synaptic plasticity in CA1 hippocampus across the estrous cycle of the mouse. Brain Research, 2015, 1621, 170-186.	2.2	28
78	Adolescence as a Critical Period for Developmental Plasticity. Brain Research, 2017, 1654, 85-86.	2.2	28
79	Single injection of ketamine during midâ€adolescence promotes longâ€lasting resilience to activityâ€based anorexia of female mice by increasing food intake and attenuating hyperactivity as well as anxietyâ€like behavior. International Journal of Eating Disorders, 2018, 51, 1020-1025.	4.0	26
80	In vivo, competitive blockade of N-methyl-d-aspartate receptors induces rapid changes in filamentous actin and drebrin A distributions within dendritic spines of adult rat cortex. Neuroscience, 2006, 140, 1177-1187.	2.3	25
81	Excitatory synapses on dendritic shafts of the caudal basal amygdala exhibit elevated levels of GABA_Areceptor Î±4 subunits following the induction of activity-based anorexia. Synapse, 2014, 68, 1-15.	1.2	25
82	Use of Electron Microscopy in the Detection of Adrenergic Receptors. , 2000, 126, 535-563.		23
83	NR2A- and NR2B-NMDA receptors and drebrin within postsynaptic spines of the hippocampus correlate with hunger-evoked exercise. Brain Structure and Function, 2017, 222, 2271-2294.	2.3	23
84	Alterations in receptor number, affinity and laminar distribution in cat visual cortex during the critical period. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1984, 8, 627-634.	4.8	22
85	Postnatal changes in the laminar and subcellular distribution of NMDA-R1 subunits in the cat visual cortex as revealed by immuno-electron microscopy. Developmental Brain Research, 1997, 98, 41-59.	1.7	22
86	Î±4Î²Î´-GABAARs in the hippocampal CA1 as a biomarker for resilience to activity-based anorexia. Neuroscience, 2014, 265, 108-123.	2.3	22
87	Using the Activity-based Anorexia Rodent Model to Study the Neurobiological Basis of Anorexia Nervosa. Journal of Visualized Experiments, 2015, , e52927.	0.3	22
88	Stability of the distribution of spines containing drebrin A in the sensory cortex layer I of mice expressing mutated APP and PS1 genes. Brain Research, 2005, 1064, 66-74.	2.2	21
89	Chemical and morphological alterations of spines within the hippocampus and entorhinal cortex precede the onset of Alzheimer's disease pathology in double knockâ€in mice. Journal of Comparative Neurology, 2007, 505, 352-362.	1.6	20
90	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. Cerebral Cortex, 2017, 27, 3980-3993.	2.9	19

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91	Light and electron microscopic localization of Î± subunits of GTP-binding proteins, G0 and G1, in the cerebral cortex and hippocampus of rat brain. Brain Research, 1992, 596, 189-201.	2.2	18
92	Exogenous progesterone exacerbates running response of adolescent female mice to repeated food restriction stress by changing Î±4-GABAA receptor activity of hippocampal pyramidal cells. Neuroscience, 2015, 310, 322-341.	2.3	18
93	Columnar activity regulates astrocytic Î²-adrenergic receptor-like immunoreactivity in V1 of adult monkeys. Visual Neuroscience, 1994, 11, 179-187.	1.0	17
94	Stimulatory effects of 4-methylcatechol, dopamine and levodopa on the expression of metallothionein-III (GIF) mRNA in immortalized mouse brain glial cells (VR-2g). Brain Research, 1998, 792, 335-339.	2.2	17
95	Cholinergic modulation of local pyramidâ€“interneuron synapses exhibiting divergent short-term dynamics in rat sensory cortex. Brain Research, 2008, 1215, 97-104.	2.2	17
96	Conditional Knockout of GLT-1 in Neurons Leads to Alterations in Aspartate Homeostasis and Synaptic Mitochondrial Metabolism in Striatum and Hippocampus. Neurochemical Research, 2020, 45, 1420-1437.	3.3	17
97	Role of Î±4-containing GABAA receptors in limiting synaptic plasticity and spatial learning of female mice during the pubertal period. Brain Research, 2017, 1654, 116-122.	2.2	16
98	Î±4-GABAA receptors of hippocampal pyramidal neurons are associated with resilience against activity-based anorexia for adolescent female mice but not for males. Molecular and Cellular Neurosciences, 2018, 90, 33-48.	2.2	16
99	Development of the A1 adenosine receptors in the visual cortex of cats, dark-reared and normally reared. Developmental Brain Research, 1985, 22, 125-133.	1.7	15
100	Presenilin conditional double knockout mice exhibit decreases in drebrin a at hippocampal CA1 synapses. Synapse, 2012, 66, 870-879.	1.2	15
101	Increased levels of NMDA receptor NR2A subunits at preâ€•and postsynaptic sites of the hippocampal CA1: An early response to conditional double knockout of presenilin 1 and 2. Journal of Comparative Neurology, 2009, 517, 512-523.	1.6	14
102	Cerebellar sub-divisions differ in exercise-induced plasticity of noradrenergic axons and in their association with resilience to activity-based anorexia. Brain Structure and Function, 2017, 222, 317-339.	2.3	14
103	Dendrites of the dorsal and ventral hippocampal CA1 pyramidal neurons of singly housed female rats exhibit laminaâ€‐specific growths and retractions during adolescence that are responsive to pair housing. Synapse, 2018, 72, e22034.	1.2	14
104	Comparison of Proteins Involved with Cyclic AMP Metabolism Between Synaptic Membrane and Postsynaptic Density Preparations Isolated from Canine Cerebral Cortex and Cerebellum. Journal of Neurochemistry, 1985, 44, 966-978.	3.9	13
105	Neuronal Loss of the Glutamate Transporter GLT-1 Promotes Excitotoxic Injury in the Hippocampus. Frontiers in Cellular Neuroscience, 2021, 15, 788262.	3.7	13
106	Ultrastructural Immunocytochemical Evidence for Presynaptic Localization of Beta-Adrenergic Receptors in the Striatum and Cerebral Cortex of Rat Brain. Annals of the New York Academy of Sciences, 1990, 604, 582-585.	3.8	12
107	Î±4Î²Î´â€GABA_A receptors in dorsal hippocampal CA1 of adolescent female rats traffic to the plasma membrane of dendritic spines following voluntary exercise and contribute to protection of animals from activityâ€based anorexia through localization at excitatory synapses. Journal of Neuroscience Research, 2018, 96, 1450-1466.	2.9	12
108	Differential timing for the appearance of neuronal and astrocytic Î²-adrenergic receptors in the developing rat visual cortex as revealed by light and electron-microscopic immunocytochemistry. Visual Neuroscience, 1997, 14, 1129-1142.	1.0	11

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109	Making of a Synapse: Recurrent Roles of Drebrin A at Excitatory Synapses Throughout Life. Advances in Experimental Medicine and Biology, 2017, 1006, 119-139.	1.6	11
110	Voluntary Wheel Running Exercise Evoked by Food-Restriction Stress Exacerbates Weight Loss of Adolescent Female Rats But Also Promotes Resilience by Enhancing GABAergic Inhibition of Pyramidal Neurons in the Dorsal Hippocampus. Cerebral Cortex, 2019, 29, 4035-4049.	2.9	10
111	Reduced sympathetic innervation after alteration of target cell neurotransmitter phenotype in transgenic mice.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2862-2866.	7.1	9
112	Pathogenesis of murine encephalitis limited by defective interfering particles. An immunohistochemical study. Journal of NeuroVirology, 1995, 1, 207-218.	2.1	8
113	From attachment to independence: stress hormone control of ecologically relevant emergence of infantsâ€™ responses to threat. Current Opinion in Behavioral Sciences, 2017, 14, 78-85.	3.9	8
114	Effects of adolescent experience of food restriction and exercise on spatial learning and open field exploration of female rats. Hippocampus, 2021, 31, 170-188.	1.9	8
115	Vesicular stomatitis virus: Immune recognition, responsiveness, and pathogenesis of infection in mice. Reviews in Medical Virology, 1994, 4, 129-140.	8.3	7
116	A method of combining biocytin tract-tracing with avidin-biotin-peroxidase complex immunocytochemistry for pre-embedding electron microscopic labeling in neonatal tissue. Journal of Neuroscience Methods, 1998, 81, 189-197.	2.5	7
117	An Increase of Excitatory-to-Inhibitory Synaptic Balance in the Contralateral Cortico-Striatal Pathway Underlies Improved Stroke Recovery in BDNF Val66Met SNP Mice. Neurorehabilitation and Neural Repair, 2019, 33, 989-1002.	2.9	7
118	Food Restriction Engages Prefrontal Corticostriatal Cells and Local Microcircuitry to Drive the Decision to Run versus Conserve Energy. Cerebral Cortex, 2021, 31, 2868-2885.	2.9	7
119	Suppression of food restrictionâ€evoked hyperactivity in activityâ€based anorexia animal model through glutamate transporters GLTâ€1 at excitatory synapses in the hippocampus. Synapse, 2021, 75, e22197.	1.2	5
120	Activity-Based Anorexia, an Animal Model of Anorexia Nervosa for Investigating Brain Plasticity Underlying the Gain of Resilience. Neuromethods, 2021, , 267-296.	0.3	5
121	GABAergic interneuronsâ€™ feedback inhibition of dorsal raphe-projecting pyramidal neurons of the medial prefrontal cortex suppresses feeding of adolescent female mice undergoing activity-based anorexia. Brain Structure and Function, 2022, 227, 2127-2151.	2.3	5
122	Preservation of ultrastructure and antigenicity for EM immunocytochemistry following intracellular recording and labeling of single cortical neurons in brain slices. Journal of Neuroscience Methods, 1998, 81, 91-102.	2.5	4
123	Integrity of White Matter is Compromised in Mice with Hyaluronan Deficiency. Neurochemical Research, 2020, 45, 53-67.	3.3	4
124	Differential glucose utilization in the parafascicular region during slow-wave sleep, the still-alert state and locomotion. Brain Research, 1987, 423, 399-402.	2.2	3
125	Catecholamines, Opioids, and Vagal Afferents in the Nucleus of the Solitary Tract. Advances in Pharmacology, 1997, 42, 642-645.	2.0	3
126	Experience-Dependent Synaptic Plasticity in the Developing Cerebral Cortex. , 2014, , 397-445.		1

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127	Noradrenaline Drives Structural Changes in Astrocytes and Brain Extracellular Space. , 2017, , 241-255.		1
128	Cellular and subcellular distribution of Î±2Aâ€adrenergic receptors in the visual cortex of neonatal and adult rats. Journal of Comparative Neurology, 1996, 365, 79-95.	1.6	1
129	Regulation of Inhibitory Synapse Function in the Developing Auditory CNS. , 2010, , 43-69.		1
130	Relation between dendritic spine size and its drebrin A level in adult mouse brain. Neuroscience Research, 2007, 58, S140.	1.9	0
131	6.131 NEURODEVELOPMENT OF PARVALBUMIN CELLS AND PERINEURONAL NETS FOLLOWING EARLY LIFE TRAUMA. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, S246.	0.5	0
132	The Role of Hormone-Stimulated cAMP Metabolism in Visual Cortical Plasticity. Cell and Developmental Biology of the Eye, 1986, , 143-155.	0.1	0
133	THE NEUROBIOLOGICAL ROOTS OF INDIVIDUALITY AND ANXIETY. Scientia, 2016, 107, 18-22.	0.0	0