Y S Chan

List of Publications by Year
in descending order

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161 papers	4,406 citations	117571 34 h-index	138417 58 g-index
164 all docs	164 docs citations	164 times ranked	4859 citing authors

#	Article	IF	Citations
1	The cerebellar-hypothalamic circuits: Potential pathways underlying cerebellar involvement in somatic-visceral integration. Brain Research Reviews, 2006, 52, 93-106.	9.1	173
2	Crossed sacculo-ocular pathway via the deiters' nucleus in cats. Brain Research Bulletin, 1977, 2, 1-6.	1.4	167
3	The regeneration of transected sciatic nerves of adult rats using chitosan nerve conduits seeded with bone marrow stromal cell-derived Schwann cells. Biomaterials, 2011, 32, 787-796.	5.7	156
4	Response characteristics of neurons in the cat vestibular nuclei during slow and constant velocity off-vertical axes rotations in the clockwise and counterclockwise rotations. Brain Research, 1987, 406, 294-301.	1.1	148
5	Effect of tilt on the response of neuronal activity within the cat vestibular nuclei during slow and constant velocity rotation. Brain Research, 1985, 345, 271-278.	1.1	141
6	Chinese Herbs and Herbal Extracts for Neuroprotection of Dopaminergic Neurons and Potential Therapeutic Treatment of Parkinson's Disease. CNS and Neurological Disorders - Drug Targets, 2007, 6, 273-281.	0.8	132
7	Chapter 5 Unit responses to bidirectional off-vertical axes rotations in central vestibular and cerebellar fastigial nuclei. Progress in Brain Research, 1988, 76, 67-75.	0.9	131
8	Nestin-containing cells express glial fibrillary acidic protein in the proliferative regions of central nervous system of postnatal developing and adult mice. Developmental Brain Research, 2002, 139, 9-17.	2.1	119
9	Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. Clinical Infectious Diseases, 2021, 73, e503-e512.	2.9	106
10	Neuroprotective effects of ginsenoside-Rg1 in primary nigral neurons against rotenone toxicity. Neuropharmacology, 2007, 52, 827-835.	2.0	92
11	Transgenic mice overexpressing aldose reductase in Schwann cells show more severe nerve conduction velocity deficit and oxidative stress under hyperglycemic stress. Molecular and Cellular Neurosciences, 2003, 23, 638-647.	1.0	89
12	Brain-derived neurotrophic factor rescues and prevents chronic intermittent hypoxia-induced impairment of hippocampal long-term synaptic plasticity. Neurobiology of Disease, 2010, 40, 155-162.	2.1	83
13	Downregulation of glial glutamate transporters after dopamine denervation in the striatum of 6â€hydroxydopamineâ€lesioned rats. Journal of Comparative Neurology, 2008, 511, 421-437.	0.9	82
14	Low-frequency hippocampalâ€“cortical activity drives brain-wide resting-state functional MRI connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6972-E6981.	3.3	80
15	Corticofugal Gating of Auditory Information in the Thalamus: An In Vivo Intracellular Recording Study. Journal of Neuroscience, 2004, 24, 3060-3069.	1.7	79
16	Secretin as a neurohypophysial factor regulating body water homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15961-15966.	3.3	79
17	Ceftriaxone Ameliorates Motor Deficits and Protects Dopaminergic Neurons in 6-Hydroxydopamine-Lesioned Rats. ACS Chemical Neuroscience, 2012, 3, 22-30.	1.7	66
18	Ketamine and selective activation of parvalbumin interneurons inhibit stress-induced dendritic spine elimination. Translational Psychiatry, 2018, 8, 272.	2.4	60

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19	Reactive Astrocytes as Potential Manipulation Targets in Novel Cell Replacement Therapy of Parkinsons Disease. Current Drug Targets, 2005, 6, 821-833.	1.0	59
20	Directed Differentiation of Human Bone Marrow Stromal Cells to Fate-Committed Schwann Cells. Stem Cell Reports, 2017, 9, 1097-1108.	2.3	57
21	Long-range projections coordinate distributed brain-wide neural activity with a specific spatiotemporal profile. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8306-E8315.	3.3	55
22	Responses of cardiovascular neurons in the rostral ventrolateral medulla of the normotensive Wistar Kyoto and spontaneously hypertensive rats to iontophoretic application of angiotensin II. Brain Research, 1991, 556, 145-150.	1.1	53
23	Optogenetic fMRI interrogation of brain-wide central vestibular pathways. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10122-10129.	3.3	53
24	Electrophysiological properties of neurons in the rostral ventrolateral medulla of normotensive and spontaneously hypertensive rats. Brain Research, 1991, 549, 118-126.	1.1	51
25	The proNGF-p75NTR-Sortilin Signalling Complex as New Target for the Therapeutic Treatment of Parkinsons Disease. CNS and Neurological Disorders - Drug Targets, 2008, 7, 512-523.	0.8	50
26	Localization of nerve growth factor, neurotrophin-3, and glial cell line-derived neurotrophic factor in nestin-expressing reactive astrocytes in the caudate-putamen of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated C57/Bl mice. Journal of Comparative Neurology, 2006, 497, 898-909.	0.9	47
27	5-HT excites globus pallidus neurons by multiple receptor mechanisms. Neuroscience, 2008, 151, 439-451.	1.1	44
28	Bone marrow-derived Schwann cells achieve fate commitment â€“ a prerequisite for remyelination therapy. Experimental Neurology, 2010, 224, 448-458.	2.0	43
29	Dynamics and directional sensitivity of neck muscle spindle responses to head rotation. Journal of Neurophysiology, 1987, 57, 1716-1729.	0.9	42
30	Chronic mild stress paradigm as a rat model of depression: facts, artifacts, and future perspectives. Psychopharmacology, 2022, 239, 663-693.	1.5	42
31	In vivointracellular responses of the medial geniculate neurones to acoustic stimuli in anaesthetized guinea pigs. Journal of Physiology, 2004, 560, 191-205.	1.3	40
32	Significant up-regulation of nestin protein in the neostriatum of MPTP-treated mice. Brain Research, 2002, 925, 9-17.	1.1	38
33	Cholecystokinin release triggered by NMDA receptors produces LTP and soundâ€“sound associative memory. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6397-6406.	3.3	38
34	Co-localization of NMDA receptors and AMPA receptors in neurons of the vestibular nuclei of rats. Brain Research, 2000, 884, 87-97.	1.1	37
35	The Relevance of Short-Range Fibers to Cognitive Efficiency and Brain Activation in Aging and Dementia. PLoS ONE, 2014, 9, e90307.	1.1	37
36	Genipin-treated chitosan nanofibers as a novel scaffold for nerve guidance channel design. Colloids and Surfaces B: Biointerfaces, 2018, 162, 126-134.	2.5	37

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37	Gene expression of glutamate receptors GluR1 and NR1 is differentially modulated in striatal neurons in rats after 6-hydroxydopamine lesion. Neurochemistry International, 2003, 43, 639-653.	1.9	36
38	Possible Retrogenesis Observed with Fiber Tracking: An Anteroposterior Pattern of White Matter Disintegrity in Normal Aging and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 26, 47-58.	1.2	36
39	Human Induced Pluripotent Cell-Derived Sensory Neurons for Fate Commitment of Bone Marrow-Derived Schwann Cells: Implications for Remyelination Therapy. Stem Cells Translational Medicine, 2017, 6, 369-381.	1.6	34
40	Neurokinin Peptides and Neurokinin Receptors as Potential Therapeutic Intervention Targets of Basal Ganglia in the Prevention and Treatment of Parkinsons Disease. Current Drug Targets, 2004, 5, 197-206.	1.0	34
41	Corticofugal Projection Inhibits the Auditory Thalamus Through the Thalamic Reticular Nucleus. Journal of Neurophysiology, 2008, 99, 2938-2945.	0.9	33
42	Secretin and body fluid homeostasis. Kidney International, 2011, 79, 280-287.	2.6	32
43	Fos expression in otolith-related brainstem neurons of postnatal rats following off-vertical axis rotation. Journal of Comparative Neurology, 2004, 470, 282-296.	0.9	31
44	Identification of brain-derived neurotrophic factor in nestin-expressing astroglial cells in the neostriatum of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated mice. Neuroscience, 2004, 126, 941-953.	1.1	31
45	Cholinergic neurons expressing substance P receptor (NK1) in the basal forebrain of the rat: a double immunocytochemical study. Brain Research, 2001, 904, 161-166.	1.1	30
46	Quantitative study of the coexpression of Fos and N-methyl-D aspartate (NMDA) receptor subunits in otolith-related vestibular nuclear neurons of rats. Journal of Comparative Neurology, 2003, 460, 292-301.	0.9	29
47	Differential expression of N-methyl-d-aspartate receptor subunit messenger ribonucleic acids and immunoreactivity in the rat neostriatum during postnatal development. Neurochemistry International, 2003, 43, 47-65.	1.9	29
48	Upregulation of chondroitin 6-sulphotransferase-1 facilitates Schwann cell migration during axonal growth. Journal of Cell Science, 2006, 119, 933-942.	1.2	29
49	Spontaneous discharge and response characteristics of central otolith neurons of rats during postnatal development. Neuroscience, 2001, 103, 275-288.	1.1	28
50	Effects of cortical stimulation on auditory-responsive thalamic neurones in anaesthetized guinea pigs. Journal of Physiology, 2004, 560, 207-217.	1.3	28
51	Differential expression of AMPA receptor subunits in dopamine neurons of the rat brain: a double immunocytochemical study. Neuroscience, 2001, 106, 149-160.	1.1	26
52	Age-related differences in response regulation as revealed by functional MRI. Brain Research, 2006, 1076, 171-176.	1.1	26
53	A near-infrared AIE fluorescent probe for myelin imaging: From sciatic nerve to the optically cleared brain tissue in 3D. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
54	Neuronal response sensitivity to bidirectional off-vertical axis rotations: a dimension of imbalance in the bilateral vestibular nuclei of cats after unilateral labyrinthectomy. Neuroscience, 1999, 94, 831-843.	1.1	25

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55	Developmental expression of NMDA and AMPA receptor subunits in vestibular nuclear neurons that encode gravityâ€related horizontal orientations. Journal of Comparative Neurology, 2008, 508, 343-364.	0.9	25
56	Nestin small interfering RNA (siRNA) reduces cell growth in cultured astrocytoma cells. Brain Research, 2008, 1196, 103-112.	1.1	25
57	Therapeutic potential of neurogenesis and melatonin regulation in Alzheimer's disease. Annals of the New York Academy of Sciences, 2020, 1478, 43-62.	1.8	25
58	Site-directed MT1-MMP trafficking and surface insertion regulate AChR clustering and remodeling at developing NMJs. ELife, 2020, 9, .	2.8	24
59	Maturation of otolith-related brainstem neurons in the detection of vertical linear acceleration in rats. European Journal of Neuroscience, 2006, 23, 2431-2446.	1.2	23
60	Effects of [sar1, Ile8]-angiotensin II on rostral ventrolateral medulla neurons and blood pressure in spontaneously hypertensive rats. Neuroscience, 1994, 63, 267-277.	1.1	22
61	Corticothalamic synchronization leads to c-fos expression in the auditory thalamus. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11802-11807.	3.3	22
62	Corticofugal modulation of acoustically induced Fos expression in the rat auditory pathway. Journal of Comparative Neurology, 2007, 501, 509-525.	0.9	22
63	Neural Stem Cells Harvested from Live Brains by Antibodyâ€Conjugated Magnetic Nanoparticles. Angewandte Chemie - International Edition, 2013, 52, 12298-12302.	7.2	22
64	Rapid and efficient generation of neural progenitors from adult bone marrow stromal cells by hypoxic preconditioning. Stem Cell Research and Therapy, 2016, 7, 146.	2.4	22
65	Cardiovascular responses to electrical stimulation of the ventrolateral medulla of the spontaneously hypertensive rat. Brain Research, 1990, 522, 99-106.	1.1	21
66	Cholinergic neurons expressing neuromedin K receptor (NK3) in the basal forebrain of the rat: a double immunofluorescence study. Neuroscience, 2001, 103, 413-422.	1.1	21
67	Properties of otolith-related vestibular nuclear neurons in response to bidirectional off-vertical axis rotation of the rat. Brain Research, 1995, 693, 39-50.	1.1	20
68	Derivation of Clinically Applicable Schwann Cells from Bone Marrow Stromal Cells for Neural Repair and Regeneration. CNS and Neurological Disorders - Drug Targets, 2011, 10, 500-508.	0.8	20
69	The coding of head orientations in neurons of bilateral vestibular nuclei of cats after unilateral labyrinthectomy: response to off-vertical axis rotation. Experimental Brain Research, 1997, 114, 293-303.	0.7	19
70	Heparan sulphates upregulate regeneration of transected sciatic nerves of adult guinea-pigs. European Journal of Neuroscience, 1999, 11, 1914-1926.	1.2	19
71	Expression of Trk receptors in otolith-related neurons in the vestibular nucleus of rats. Brain Research, 2005, 1062, 92-100.	1.1	18
72	The role of secretin in the cerebellum. Cerebellum, 2006, 5, 43-48.	1.4	17

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73	Developmental maturation of ionotropic glutamate receptor subunits in rat vestibular nuclear neurons responsive to vertical linear acceleration. European Journal of Neuroscience, 2008, 28, 2157-2172.	1.2	17
74	Eternal sunshine of the neuromodulated mind: Altering fear memories through neuromodulation. Experimental Neurology, 2019, 314, 9-19.	2.0	17
75	Vestibular function of saccule in cats as indicated by the response of Deiters' nucleus to static tilts. Experimental Brain Research, 1979, 35, 591-4.	0.7	16
76	Neurotrophin receptor immunostaining in the vestibular nuclei of rats. NeuroReport, 2003, 14, 851-855.	0.6	16
77	Differential expression of NMDA and AMPA/KA receptor subunits in the inferior olive of postnatal rats. Brain Research, 2006, 1067, 103-114.	1.1	16
78	Up-Regulation in Expression of Vesicular Glutamate Transporter 3 in Substantia Nigra but Not in Striatum of 6-Hydroxydopamine-Lesioned Rats. NeuroSignals, 2006, 15, 238-248.	0.5	15
79	Excitatory effect of histamine on rat spinal motoneurons by activation of both H₁ and H₂ receptors in vitro. Journal of Neuroscience Research, 2012, 90, 132-142.	1.3	15
80	Memory and neuromodulation: A perspective of DNA methylation. Neuroscience and Biobehavioral Reviews, 2020, 111, 57-68.	2.9	15
81	Spontaneous activity of otolith-related vestibular nuclear neurons in the decerebrate rat. Brain Research, 1996, 739, 322-329.	1.1	14
82	Neuroprotective effects of neurokinin receptor one in dopaminergic neurons are mediated through Akt/PKB cell signaling pathway. Neuropharmacology, 2011, 61, 1389-1398.	2.0	14
83	Expression of vesicular glutamate transporters in peripheral vestibular structures and vestibular nuclear complex of rat. Neuroscience, 2011, 173, 179-189.	1.1	14
84	The Nucleosome Assembly Protein TSPYL2 Regulates the Expression of NMDA Receptor Subunits GluN2A and GluN2B. Scientific Reports, 2014, 4, 3654.	1.6	14
85	The Paradoxical Effect of Deep Brain Stimulation on Memory. , 2020, 11, 179.		14
86	Response characteristics of cerebellar dentate and lateral cortex neurons to sinusoidal stimulation of neck and labyrinth receptors. Neuroscience, 1982, 7, 2993-3011.	1.1	13
87	Rhythmic Release Pattern of Pineal Melatonin in Rodents. Neuroendocrinology, 1991, 53, 60-67.	1.2	13
88	Bilateral otolith contribution to spatial coding in the vestibular system. Journal of Biomedical Science, 2002, 9, 574-586.	2.6	13
89	Mapping heparanase expression in the spinal cord of adult rats. Journal of Comparative Neurology, 2006, 494, 345-357.	0.9	13
90	Endogenous Repair by the Activation of Cell Survival Signalling Cascades during the Early Stages of Rat Parkinsonism. PLoS ONE, 2012, 7, e51294.	1.1	13

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91	Increased prospective memory interference in normal and pathological aging: different roles of motor and verbal processing speed. Aging, Neuropsychology, and Cognition, 2013, 20, 80-100.	0.7	13
92	Distribution of neuronal nitric oxide synthase immunoreactivity in adult male Sprague-Dawley rat brain. Acta Histochemica, 2019, 121, 151437.	0.9	13
93	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. IScience, 2019, 13, 82-97.	1.9	13
94	Chondroitin sulfates in the developing rat hindbrain confine commissural projections of vestibular nuclear neurons. Neural Development, 2012, 7, 6.	1.1	12
95	Response of Otolith-Related Neurons in Bilateral Vestibular Nucleus of Acute Hemilabyrinthectomized Cats to Off-Vertical Axis Rotations. Annals of the New York Academy of Sciences, 1992, 656, 755-765.	1.8	11
96	The striatal gaba-ergic neurons expressing substance P receptors in the basal ganglia of mice. Neuroscience, 2003, 119, 919-925.	1.1	11
97	The first batch of graduates of a new medical curriculum in Asia: how their teachers see them. Medical Education, 2004, 38, 980-986.	1.1	11
98	Selective knockdown of gene expression of N-methyl-?-aspartate receptor one ameliorates parkinsonian motor symptom in 6-hydroxydopamine-lesioned rats. Neurochemistry International, 2004, 45, 11-22.	1.9	11
99	Differential expression of AMPA receptor subunits in substance P receptor-containing neurons of the caudate-putamen of rats. Neuroscience Research, 2004, 49, 281-288.	1.0	11
100	Vestibular afferent innervation in the vestibular efferent nucleus of rats. Neuroscience Letters, 2005, 385, 36-40.	1.0	11
101	A Decade of Progress in Deep Brain Stimulation of the Subcallosal Cingulate for the Treatment of Depression. Journal of Clinical Medicine, 2020, 9, 3260.	1.0	11
102	5â€HT 1A receptorâ€mediated attenuation of synaptic transmission in rat medial vestibular nucleus impacts on vestibularâ€related motor function. Journal of Physiology, 2021, 599, 253-267.	1.3	11
103	Patterns of Pineal Melatonin Secretion in Rabbits: Diurnal Variation of Basal and Pulsatile Release. Neuroendocrinology, 1990, 51, 147-155.	1.2	10
104	Response of medial medullary reticular neurons to otolith stimulation during bidirectional off-vertical axis rotation of the cat. Brain Research, 1996, 732, 159-168.	1.1	10
105	Maturation of canalâ€related brainstem neurons in the detection of horizontal angular acceleration in rats. Journal of Comparative Neurology, 2010, 518, 1742-1763.	0.9	10
106	Maturation profile of inferior olivary neurons expressing ionotropic glutamate receptors in rats: role in coding linear accelerations. Brain Structure and Function, 2013, 218, 833-850.	1.2	10
107	Role of dorsal motor nucleus of vagus in gastric function and mucosal damage induced by ethanol in rats. Digestive Diseases and Sciences, 1995, 40, 2312-2316.	1.1	9
108	Response properties of Y group neurons to crossed otolith inputs in the cat. NeuroReport, 2003, 14, 729-733.	0.6	9

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109	Histamine Increases Neuronal Excitability and Sensitivity of the Lateral Vestibular Nucleus and Promotes Motor Behaviors via HCN Channel Coupled to H2 Receptor. Frontiers in Cellular Neuroscience, 2016, 10, 300.	1.8	9
110	Postnatal expression of TrkB receptor in rat vestibular nuclear neurons responsive to horizontal and vertical linear accelerations. Journal of Comparative Neurology, 2013, 521, 612-625.	0.9	8
111	Stimulus-Specific Adaptation at the Synapse Level In Vitro. PLoS ONE, 2014, 9, e114537.	1.1	8
112	Maturation of glutamatergic transmission in the vestibulo-olivary pathway impacts on the registration of head rotational signals in the brainstem of rats. Brain Structure and Function, 2016, 221, 217-238.	1.2	8
113	Activation of 5-HT 7 receptors reverses NMDA-R-dependent LTD by activating PKA in medial vestibular neurons. Neuropharmacology, 2017, 123, 242-248.	2.0	8
114	Prelimbic cortical stimulation disrupts fear memory consolidation through ventral hippocampal dopamine D 2 receptors. British Journal of Pharmacology, 2021, 178, 3587-3601.	2.7	8
115	Transcorneal electrical stimulation enhances cognitive functions in aged and 5XFAD mouse models. Annals of the New York Academy of Sciences, 2022, 1515, 249-265.	1.8	8
116	Retinal dopaminergic neurons (A17) expressing neuromedin K receptor (NK3): a double immunocytochemical study in the rat. Brain Research, 2000, 885, 122-127.	1.1	7
117	Receptors of glutamate and neurotrophin in vestibular neuronal functions. Journal of Biomedical Science, 2003, 10, 577-587.	2.6	7
118	Striatal neurons but not nigral dopaminergic neurons in neonatal primary cell culture express endogenous functional N-methyl-d-aspartate receptors. Molecular Brain Research, 2003, 120, 9-21.	2.5	7
119	Differential Expression of Î±-Amino-3-Hydroxy-5-Methyl-4-Isoxazole-Propionate Glutamate Receptors in the Rat Striatum during Postnatal Development. NeuroSignals, 2003, 12, 302-309.	0.5	7
120	Effects of kainic acid administered to the caudal ventrolateral medulla on arterial blood pressure in the spontaneously hypertensive and normotensive Wistar-Kyoto rats. Neuroscience Letters, 1996, 202, 145-148.	1.0	6
121	Tyrosine kinase receptor immunoreactivity in trigeminal mesencephalic and motor neurons following transection of masseteric nerve of the rat. Neuroscience, 2006, 139, 921-930.	1.1	6
122	The multi-level impact of chronic intermittent hypoxia on central auditory processing. NeuroImage, 2017, 156, 232-239.	2.1	6
123	Human Induced Pluripotent Stem Cell-Derived Sensory Neurons for Fate Commitment of Bone Marrow Stromal Cell-Derived Schwann Cells. Methods in Molecular Biology, 2018, 1739, 149-160.	0.4	6
124	Regulatory roles of perineuronal nets and semaphorin 3A in the postnatal maturation of the central vestibular circuitry for graviceptive reflex. Brain Structure and Function, 2019, 224, 613-626.	1.2	6
125	Intracellular recordings from Deiters' neurons in response to saccular and oculomotor nucleus stimulations. Experientia, 1977, 33, 475-476.	1.2	5
126	Effects of Chronic Captopril Treatment on the Electrical-Microstimulation-Induced Blood Pressure Changes and Electrophysiological Properties of Cardiovascular Neurons in the Rostral Ventrolateral Medulla of the Spontaneously Hypertensive Rat. NeuroSignals, 1993, 2, 106-116.	0.5	5

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127	Spontaneous activity and barosensitivity of the barosensitive neurons in the rostral ventrolateral medulla of hypertensive rats induced by transection of aortic depressor nerves. Brain Research, 1998, 813, 262-267.	1.1	5
128	Ablation of Gene Expression ofN-Methyl-D-Aspartate Receptor One by Antisense Oligonucleotides in Striatal Neurons in Culture. NeuroSignals, 2005, 14, 303-316.	0.5	5
129	TTC9A deficiency induces estradiol-mediated changes in hippocampus and amygdala neuroplasticity-related gene expressions in female mice. Brain Research Bulletin, 2020, 157, 162-168.	1.4	5
130	Bilateral Otolith Contribution to Spatial Coding in the Vestibular System. Journal of Biomedical Science, 2002, 9, 574-586.	2.6	5
131	Receptors of Glutamate and Neurotrophin in Vestibular Neuronal Functions. Journal of Biomedical Science, 2003, 10, 577-587.	2.6	5
132	Elevation of pineal melatonin secretion by electrical stimulation of the cervical sympathetic trunk in rabbits. Neuroscience Letters, 1989, 105, 107-112.	1.0	4
133	Relationship of Rostral Ventrolateral Medullary Neurons and Angiotensin in the Central Control of Blood Pressure. NeuroSignals, 1995, 4, 133-141.	0.5	4
134	Neurokinin receptor 3 peptide exacerbates 6â€hydroxydopamineâ€induced dopaminergic degeneration in rats through JNK pathway. Journal of Neurochemistry, 2012, 123, 417-427.	2.1	4
135	Small Interfering RNA Specific for N-Methyl-D-Aspartate Receptor 2B Offers Neuroprotection to Dopamine Neurons through Activation of MAP Kinase. NeuroSignals, 2013, 21, 42-54.	0.5	4
136	Juxtacrine signalling via Notch and ErbB receptors in the switch to fate commitment of bone marrowâ€derived Schwann cells. European Journal of Neuroscience, 2020, 52, 3306-3321.	1.2	4
137	ELEVATED SPONTANEOUS ACTIVITY OF PHENYLEPHRINE-EXCITED NEURONS IN THE CAUDAL VENTROLATERAL MEDULLA OF SPONTANEOUSLY HYPERTENSIVE RATS. Clinical and Experimental Pharmacology and Physiology, 1995, 22, S46-S47.	0.9	3
138	A transitional course from high school to medical school in a new medical curriculum in Asia: how do the students see it?*. Medical Teacher, 2003, 25, 89-91.	1.0	3
139	An in vivo intracellular study of auditory thalamic neurons. Thalamus & Related Systems, 2003, 2, 253.	0.5	3
140	Spatial coding capacity of central otolith neurons. Experimental Brain Research, 2006, 173, 205-214.	0.7	3
141	Developmental distribution of vestibular nuclear neurons responsive to different speeds of horizontal translation. Brain Research, 2010, 1326, 62-67.	1.1	3
142	Topography of Inferior Olivary Neurons that Encode Canal and Otolith Inputs. Cerebellum, 2013, 12, 322-324.	1.4	3
143	Reduction of sound-evoked midbrain responses observed by functional magnetic resonance imaging following acute acoustic noise exposure. Journal of the Acoustical Society of America, 2018, 143, 2184-2194.	0.5	3
144	A New Vestibular Stimulation Mode for Motion Sickness With Emphatic Analysis of Pica. Frontiers in Behavioral Neuroscience, 2022, 16, .	1.0	3

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145	Effects of angiotensin II on the spontaneous activity of rostral ventrolateral medullary cardiovascular neurons and blood pressure in spontaneously hypertensive rats. Journal of Biomedical Science, 1996, 3, 191-202.	2.6	2
146	Thalamocortical and Corticothalamic Interaction in the Auditory System. Neuroembryology and Aging, 2004, 3, 239-248.	0.1	2
147	Neural connection supporting endogenous 5-hydroxytryptamine influence on autonomic activity in medial prefrontal cortex. Autonomic Neuroscience: Basic and Clinical, 2017, 203, 25-32.	1.4	2
148	Hypoxic Preconditioning of Marrow-derived Progenitor Cells As a Source for the Generation of Mature Schwann Cells. Journal of Visualized Experiments, 2017, , .	0.2	2
149	Derivation of Fate-Committed Schwann Cells from Bone Marrow Stromal Cells of Adult Rats. Methods in Molecular Biology, 2018, 1739, 137-148.	0.4	2
150	Derivation of Oligodendrocyte Precursors from Adult Bone Marrow Stromal Cells for Remyelination Therapy. Cells, 2021, 10, 2166.	1.8	2
151	Prospects of cell replacement therapy for the treatment of degenerative cervical myelopathy. Reviews in the Neurosciences, 2021, 32, 275-287.	1.4	2
152	GABA-B Receptor Activation in the Rat Globus pallidus Potently Suppresses Pentylenetetrazol-Induced Tonic Seizures. Journal of Biomedical Science, 2004, 11, 457-464.	2.6	1
153	A simple interspike interval analyzer for study of neuronal spike trains. Experientia, 1979, 35, 216-217.	1.2	0
154	Response of Medullary Reticular Neurons of Cat to Off-vertical Axis Rotations. Acta Oto-Laryngologica, 1991, 111, 31-33.	0.3	0
155	Neuronal Responses in the y Group Nucleus of Unilaterally Labyrinthectomized Cats during Off-vertical Axis Rotations. Acta Oto-Laryngologica, 1995, 115, 158-161.	0.3	0
156	Toward Maturation of the Vestibular System: Neural Circuits and Neuronal Properties. Neuroembryology and Aging, 2004, 3, 162-170.	0.1	0
157	Spindle oscillations are generated in the dorsal thalamus and modulated by the thalamic reticular nucleus. Nature Precedings, 2008, , .	0.1	0
158	IBRO Neuroscience Reports. IBRO Neuroscience Reports, 2021, 10, 17.	0.7	0
159	Spatiotemporal characteristics of central otolith neurons. Chinese Medical Journal, 1997, 110, 907-10.	0.9	0
160	Vision on the internationalization of physiology education: Trends and prospects. Acta Physiologica Sinica, 2020, 72, 690-698.	0.5	0
161	Corrigenda for Dynamics and Directional Sensitivity of Neck Muscle Spindle Responses to Head Rotation. Journal of Neurophysiology, 1987, 58, 1-b-1-b.	0.9	0