

Y S Chan

List of Publications by Year in descending order

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161
papers

4,406
citations

117625

34
h-index

138484

58
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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. <i>Brain Research Reviews</i> , 2006, 52, 93-106.	9.0	173
2	Crossed sacculo-ocular pathway via the deiters' nucleus in cats. <i>Brain Research Bulletin</i> , 1977, 2, 1-6.	3.0	167
3	The regeneration of transected sciatic nerves of adult rats using chitosan nerve conduits seeded with bone marrow stromal cell-derived Schwann cells. <i>Biomaterials</i> , 2011, 32, 787-796.	11.4	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. <i>Brain Research</i> , 1987, 406, 294-301.	2.2	148
5	Effect of tilt on the response of neuronal activity within the cat vestibular nuclei during slow and constant velocity rotation. <i>Brain Research</i> , 1985, 345, 271-278.	2.2	141
6	Chinese Herbs and Herbal Extracts for Neuroprotection of Dopaminergic Neurons and Potential Therapeutic Treatment of Parkinson's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007, 6, 273-281.	1.4	132
7	Chapter 5 Unit responses to bidirectional off-vertical axes rotations in central vestibular and cerebellar fastigial nuclei. <i>Progress in Brain Research</i> , 1988, 76, 67-75.	1.4	131
8	Nestin-containing cells express glial fibrillary acidic protein in the proliferative regions of central nervous system of postnatal developing and adult mice. <i>Developmental Brain Research</i> , 2002, 139, 9-17.	1.7	119
9	Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. <i>Clinical Infectious Diseases</i> , 2021, 73, e503-e512.	5.8	106
10	Neuroprotective effects of ginsenoside-Rg1 in primary nigral neurons against rotenone toxicity. <i>Neuropharmacology</i> , 2007, 52, 827-835.	4.1	92
11	Transgenic mice overexpressing aldose reductase in Schwann cells show more severe nerve conduction velocity deficit and oxidative stress under hyperglycemic stress. <i>Molecular and Cellular Neurosciences</i> , 2003, 23, 638-647.	2.2	89
12	Brain-derived neurotrophic factor rescues and prevents chronic intermittent hypoxia-induced impairment of hippocampal long-term synaptic plasticity. <i>Neurobiology of Disease</i> , 2010, 40, 155-162.	4.4	83
13	Downregulation of glial glutamate transporters after dopamine denervation in the striatum of 6-hydroxydopamine-lesioned rats. <i>Journal of Comparative Neurology</i> , 2008, 511, 421-437.	1.6	82
14	Low-frequency hippocampal-cortical activity drives brain-wide resting-state functional MRI connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6972-E6981.	7.1	80
15	Corticofugal Gating of Auditory Information in the Thalamus: An In Vivo Intracellular Recording Study. <i>Journal of Neuroscience</i> , 2004, 24, 3060-3069.	3.6	79
16	Secretin as a neurohypophysial factor regulating body water homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15961-15966.	7.1	79
17	Ceftriaxone Ameliorates Motor Deficits and Protects Dopaminergic Neurons in 6-Hydroxydopamine-Lesioned Rats. <i>ACS Chemical Neuroscience</i> , 2012, 3, 22-30.	3.5	66
18	Ketamine and selective activation of parvalbumin interneurons inhibit stress-induced dendritic spine elimination. <i>Translational Psychiatry</i> , 2018, 8, 272.	4.8	60

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19	Reactive Astrocytes as Potential Manipulation Targets in Novel Cell Replacement Therapy of Parkinsons Disease. <i>Current Drug Targets</i> , 2005, 6, 821-833.	2.1	59
20	Directed Differentiation of Human Bone Marrow Stromal Cells to Fate-Committed Schwann Cells. <i>Stem Cell Reports</i> , 2017, 9, 1097-1108.	4.8	57
21	Long-range projections coordinate distributed brain-wide neural activity with a specific spatiotemporal profile. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8306-E8315.	7.1	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. <i>Brain Research</i> , 1991, 556, 145-150.	2.2	53
23	Optogenetic fMRI interrogation of brain-wide central vestibular pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10122-10129.	7.1	53
24	Electrophysiological properties of neurons in the rostral ventrolateral medulla of normotensive and spontaneously hypertensive rats. <i>Brain Research</i> , 1991, 549, 118-126.	2.2	51
25	The proNGF-p75NTR-Sortilin Signalling Complex as New Target for the Therapeutic Treatment of Parkinsons Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 512-523.	1.4	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. <i>Journal of Comparative Neurology</i> , 2006, 497, 898-909.	1.6	47
27	5-HT excites globus pallidus neurons by multiple receptor mechanisms. <i>Neuroscience</i> , 2008, 151, 439-451.	2.3	44
28	Bone marrow-derived Schwann cells achieve fate commitment “a prerequisite for remyelination therapy. <i>Experimental Neurology</i> , 2010, 224, 448-458.	4.1	43
29	Dynamics and directional sensitivity of neck muscle spindle responses to head rotation. <i>Journal of Neurophysiology</i> , 1987, 57, 1716-1729.	1.8	42
30	Chronic mild stress paradigm as a rat model of depression: facts, artifacts, and future perspectives. <i>Psychopharmacology</i> , 2022, 239, 663-693.	3.1	42
31	In vivo intracellular responses of the medial geniculate neurones to acoustic stimuli in anaesthetized guinea pigs. <i>Journal of Physiology</i> , 2004, 560, 191-205.	2.9	40
32	Significant up-regulation of nestin protein in the neostriatum of MPTP-treated mice. <i>Brain Research</i> , 2002, 925, 9-17.	2.2	38
33	Cholecystokinin release triggered by NMDA receptors produces LTP and sound “sound associative memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6397-6406.	7.1	38
34	Co-localization of NMDA receptors and AMPA receptors in neurons of the vestibular nuclei of rats. <i>Brain Research</i> , 2000, 884, 87-97.	2.2	37
35	The Relevance of Short-Range Fibers to Cognitive Efficiency and Brain Activation in Aging and Dementia. <i>PLoS ONE</i> , 2014, 9, e90307.	2.5	37
36	Genipin-treated chitosan nanofibers as a novel scaffold for nerve guidance channel design. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 126-134.	5.0	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. <i>Neurochemistry International</i> , 2003, 43, 639-653.	3.8	36
38	Possible Retrogenesis Observed with Fiber Tracking: An Anteroposterior Pattern of White Matter Disintegrity in Normal Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 47-58.	2.6	36
39	Human Induced Pluripotent Cell-Derived Sensory Neurons for Fate Commitment of Bone Marrow-Derived Schwann Cells: Implications for Remyelination Therapy. <i>Stem Cells Translational Medicine</i> , 2017, 6, 369-381.	3.3	34
40	Neurokinin Peptides and Neurokinin Receptors as Potential Therapeutic Intervention Targets of Basal Ganglia in the Prevention and Treatment of Parkinsons Disease. <i>Current Drug Targets</i> , 2004, 5, 197-206.	2.1	34
41	Corticofugal Projection Inhibits the Auditory Thalamus Through the Thalamic Reticular Nucleus. <i>Journal of Neurophysiology</i> , 2008, 99, 2938-2945.	1.8	33
42	Secretin and body fluid homeostasis. <i>Kidney International</i> , 2011, 79, 280-287.	5.2	32
43	Fos expression in otolith-related brainstem neurons of postnatal rats following off-vertical axis rotation. <i>Journal of Comparative Neurology</i> , 2004, 470, 282-296.	1.6	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. <i>Neuroscience</i> , 2004, 126, 941-953.	2.3	31
45	Cholinergic neurons expressing substance P receptor (NK1) in the basal forebrain of the rat: a double immunocytochemical study. <i>Brain Research</i> , 2001, 904, 161-166.	2.2	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. <i>Journal of Comparative Neurology</i> , 2003, 460, 292-301.	1.6	29
47	Differential expression of N-methyl-d-aspartate receptor subunit messenger ribonucleic acids and immunoreactivity in the rat neostriatum during postnatal development. <i>Neurochemistry International</i> , 2003, 43, 47-65.	3.8	29
48	Upregulation of chondroitin 6-sulphotransferase-1 facilitates Schwann cell migration during axonal growth. <i>Journal of Cell Science</i> , 2006, 119, 933-942.	2.0	29
49	Spontaneous discharge and response characteristics of central otolith neurons of rats during postnatal development. <i>Neuroscience</i> , 2001, 103, 275-288.	2.3	28
50	Effects of cortical stimulation on auditory-responsive thalamic neurones in anaesthetized guinea pigs. <i>Journal of Physiology</i> , 2004, 560, 207-217.	2.9	28
51	Differential expression of AMPA receptor subunits in dopamine neurons of the rat brain: a double immunocytochemical study. <i>Neuroscience</i> , 2001, 106, 149-160.	2.3	26
52	Age-related differences in response regulation as revealed by functional MRI. <i>Brain Research</i> , 2006, 1076, 171-176.	2.2	26
53	A near-infrared AIE fluorescent probe for myelin imaging: From sciatic nerve to the optically cleared brain tissue in 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	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. <i>Neuroscience</i> , 1999, 94, 831-843.	2.3	25

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55	Developmental expression of NMDA and AMPA receptor subunits in vestibular nuclear neurons that encode gravity-related horizontal orientations. <i>Journal of Comparative Neurology</i> , 2008, 508, 343-364.	1.6	25
56	Nestin small interfering RNA (siRNA) reduces cell growth in cultured astrocytoma cells. <i>Brain Research</i> , 2008, 1196, 103-112.	2.2	25
57	Therapeutic potential of neurogenesis and melatonin regulation in Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2020, 1478, 43-62.	3.8	25
58	Site-directed MT1-MMP trafficking and surface insertion regulate AChR clustering and remodeling at developing NMJs. <i>ELife</i> , 2020, 9, .	6.0	24
59	Maturation of otolith-related brainstem neurons in the detection of vertical linear acceleration in rats. <i>European Journal of Neuroscience</i> , 2006, 23, 2431-2446.	2.6	23
60	Effects of [sar1, lle8]-angiotensin II on rostral ventrolateral medulla neurons and blood pressure in spontaneously hypertensive rats. <i>Neuroscience</i> , 1994, 63, 267-277.	2.3	22
61	Corticothalamic synchronization leads to <i>c-fos</i> expression in the auditory thalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11802-11807.	7.1	22
62	Corticofugal modulation of acoustically induced Fos expression in the rat auditory pathway. <i>Journal of Comparative Neurology</i> , 2007, 501, 509-525.	1.6	22
63	Neural Stem Cells Harvested from Live Brains by Antibody-Conjugated Magnetic Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12298-12302.	13.8	22
64	Rapid and efficient generation of neural progenitors from adult bone marrow stromal cells by hypoxic preconditioning. <i>Stem Cell Research and Therapy</i> , 2016, 7, 146.	5.5	22
65	Cardiovascular responses to electrical stimulation of the ventrolateral medulla of the spontaneously hypertensive rat. <i>Brain Research</i> , 1990, 522, 99-106.	2.2	21
66	Cholinergic neurons expressing neuromedin K receptor (NK3) in the basal forebrain of the rat: a double immunofluorescence study. <i>Neuroscience</i> , 2001, 103, 413-422.	2.3	21
67	Properties of otolith-related vestibular nuclear neurons in response to bidirectional off-vertical axis rotation of the rat. <i>Brain Research</i> , 1995, 693, 39-50.	2.2	20
68	Derivation of Clinically Applicable Schwann Cells from Bone Marrow Stromal Cells for Neural Repair and Regeneration. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 500-508.	1.4	20
69	The coding of head orientations in neurons of bilateral vestibular nuclei of cats after unilateral labyrinthectomy: response to off-vertical axis rotation. <i>Experimental Brain Research</i> , 1997, 114, 293-303.	1.5	19
70	Heparan sulphates upregulate regeneration of transected sciatic nerves of adult guinea-pigs. <i>European Journal of Neuroscience</i> , 1999, 11, 1914-1926.	2.6	19
71	Expression of Trk receptors in otolith-related neurons in the vestibular nucleus of rats. <i>Brain Research</i> , 2005, 1062, 92-100.	2.2	18
72	The role of secretin in the cerebellum. <i>Cerebellum</i> , 2006, 5, 43-48.	2.5	17

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73	Developmental maturation of ionotropic glutamate receptor subunits in rat vestibular nuclear neurons responsive to vertical linear acceleration. <i>European Journal of Neuroscience</i> , 2008, 28, 2157-2172.	2.6	17
74	Eternal sunshine of the neuromodulated mind: Altering fear memories through neuromodulation. <i>Experimental Neurology</i> , 2019, 314, 9-19.	4.1	17
75	Vestibular function of saccule in cats as indicated by the response of Deiters' nucleus to static tilts. <i>Experimental Brain Research</i> , 1979, 35, 591-4.	1.5	16
76	Neurotrophin receptor immunostaining in the vestibular nuclei of rats. <i>NeuroReport</i> , 2003, 14, 851-855.	1.2	16
77	Differential expression of NMDA and AMPA/KA receptor subunits in the inferior olive of postnatal rats. <i>Brain Research</i> , 2006, 1067, 103-114.	2.2	16
78	Up-Regulation in Expression of Vesicular Glutamate Transporter 3 in Substantia Nigra but Not in Striatum of 6-Hydroxydopamine-Lesioned Rats. <i>NeuroSignals</i> , 2006, 15, 238-248.	0.9	15
79	Excitatory effect of histamine on rat spinal motoneurons by activation of both H ₁ and H ₂ receptors in vitro. <i>Journal of Neuroscience Research</i> , 2012, 90, 132-142.	2.9	15
80	Memory and neuromodulation: A perspective of DNA methylation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 57-68.	6.1	15
81	Spontaneous activity of otolith-related vestibular nuclear neurons in the decerebrate rat. <i>Brain Research</i> , 1996, 739, 322-329.	2.2	14
82	Neuroprotective effects of neurokinin receptor one in dopaminergic neurons are mediated through Akt/PKB cell signaling pathway. <i>Neuropharmacology</i> , 2011, 61, 1389-1398.	4.1	14
83	Expression of vesicular glutamate transporters in peripheral vestibular structures and vestibular nuclear complex of rat. <i>Neuroscience</i> , 2011, 173, 179-189.	2.3	14
84	The Nucleosome Assembly Protein TSPYL2 Regulates the Expression of NMDA Receptor Subunits GluN2A and GluN2B. <i>Scientific Reports</i> , 2014, 4, 3654.	3.3	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. <i>Neuroscience</i> , 1982, 7, 2993-3011.	2.3	13
87	Rhythmic Release Pattern of Pineal Melatonin in Rodents. <i>Neuroendocrinology</i> , 1991, 53, 60-67.	2.5	13
88	Bilateral otolith contribution to spatial coding in the vestibular system. <i>Journal of Biomedical Science</i> , 2002, 9, 574-586.	7.0	13
89	Mapping heparanase expression in the spinal cord of adult rats. <i>Journal of Comparative Neurology</i> , 2006, 494, 345-357.	1.6	13
90	Endogenous Repair by the Activation of Cell Survival Signalling Cascades during the Early Stages of Rat Parkinsonism. <i>PLoS ONE</i> , 2012, 7, e51294.	2.5	13

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91	Increased prospective memory interference in normal and pathological aging: different roles of motor and verbal processing speed. <i>Aging, Neuropsychology, and Cognition</i> , 2013, 20, 80-100.	1.3	13
92	Distribution of neuronal nitric oxide synthase immunoreactivity in adult male Sprague-Dawley rat brain. <i>Acta Histochemica</i> , 2019, 121, 151437.	1.8	13
93	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. <i>IScience</i> , 2019, 13, 82-97.	4.1	13
94	Chondroitin sulfates in the developing rat hindbrain confine commissural projections of vestibular nuclear neurons. <i>Neural Development</i> , 2012, 7, 6.	2.4	12
95	Response of Otolith-Related Neurons in Bilateral Vestibular Nucleus of Acute Hemilabyrinthectomized Cats to Off-Vertical Axis Rotations. <i>Annals of the New York Academy of Sciences</i> , 1992, 656, 755-765.	3.8	11
96	The striatal gaba-ergic neurons expressing substance P receptors in the basal ganglia of mice. <i>Neuroscience</i> , 2003, 119, 919-925.	2.3	11
97	The first batch of graduates of a new medical curriculum in Asia: how their teachers see them. <i>Medical Education</i> , 2004, 38, 980-986.	2.1	11
98	Selective knockdown of gene expression of N-methyl-D-aspartate receptor one ameliorates parkinsonian motor symptom in 6-hydroxydopamine-lesioned rats. <i>Neurochemistry International</i> , 2004, 45, 11-22.	3.8	11
99	Differential expression of AMPA receptor subunits in substance P receptor-containing neurons of the caudate-putamen of rats. <i>Neuroscience Research</i> , 2004, 49, 281-288.	1.9	11
100	Vestibular afferent innervation in the vestibular efferent nucleus of rats. <i>Neuroscience Letters</i> , 2005, 385, 36-40.	2.1	11
101	A Decade of Progress in Deep Brain Stimulation of the Subcallosal Cingulate for the Treatment of Depression. <i>Journal of Clinical Medicine</i> , 2020, 9, 3260.	2.4	11
102	5-HT _{1A} receptor-mediated attenuation of synaptic transmission in rat medial vestibular nucleus impacts on vestibular-related motor function. <i>Journal of Physiology</i> , 2021, 599, 253-267.	2.9	11
103	Patterns of Pineal Melatonin Secretion in Rabbits: Diurnal Variation of Basal and Pulsatile Release. <i>Neuroendocrinology</i> , 1990, 51, 147-155.	2.5	10
104	Response of medial medullary reticular neurons to otolith stimulation during bidirectional off-vertical axis rotation of the cat. <i>Brain Research</i> , 1996, 732, 159-168.	2.2	10
105	Maturation of canal-related brainstem neurons in the detection of horizontal angular acceleration in rats. <i>Journal of Comparative Neurology</i> , 2010, 518, 1742-1763.	1.6	10
106	Maturation profile of inferior olivary neurons expressing ionotropic glutamate receptors in rats: role in coding linear accelerations. <i>Brain Structure and Function</i> , 2013, 218, 833-850.	2.3	10
107	Role of dorsal motor nucleus of vagus in gastric function and mucosal damage induced by ethanol in rats. <i>Digestive Diseases and Sciences</i> , 1995, 40, 2312-2316.	2.3	9
108	Response properties of Y group neurons to crossed otolith inputs in the cat. <i>NeuroReport</i> , 2003, 14, 729-733.	1.2	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. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 300.	3.7	9
110	Postnatal expression of TrkB receptor in rat vestibular nuclear neurons responsive to horizontal and vertical linear accelerations. <i>Journal of Comparative Neurology</i> , 2013, 521, 612-625.	1.6	8
111	Stimulus-Specific Adaptation at the Synapse Level In Vitro. <i>PLoS ONE</i> , 2014, 9, e114537.	2.5	8
112	Maturation of glutamatergic transmission in the vestibulo-olivary pathway impacts on the registration of head rotational signals in the brainstem of rats. <i>Brain Structure and Function</i> , 2016, 221, 217-238.	2.3	8
113	Activation of 5-HT 7 receptors reverses NMDA-R-dependent LTD by activating PKA in medial vestibular neurons. <i>Neuropharmacology</i> , 2017, 123, 242-248.	4.1	8
114	Prelimbic cortical stimulation disrupts fear memory consolidation through ventral hippocampal dopamine D 2 receptors. <i>British Journal of Pharmacology</i> , 2021, 178, 3587-3601.	5.4	8
115	Transcorneal electrical stimulation enhances cognitive functions in aged and 5XFAD mouse models. <i>Annals of the New York Academy of Sciences</i> , 2022, 1515, 249-265.	3.8	8
116	Retinal dopaminergic neurons (A17) expressing neuromedin K receptor (NK3): a double immunocytochemical study in the rat. <i>Brain Research</i> , 2000, 885, 122-127.	2.2	7
117	Receptors of glutamate and neurotrophin in vestibular neuronal functions. <i>Journal of Biomedical Science</i> , 2003, 10, 577-587.	7.0	7
118	Striatal neurons but not nigral dopaminergic neurons in neonatal primary cell culture express endogenous functional N-methyl-d-aspartate receptors. <i>Molecular Brain Research</i> , 2003, 120, 9-21.	2.3	7
119	Differential Expression of \pm -Amino-3-Hydroxy-5-Methyl-4-Isoxazole-Propionate Glutamate Receptors in the Rat Striatum during Postnatal Development. <i>NeuroSignals</i> , 2003, 12, 302-309.	0.9	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. <i>Neuroscience Letters</i> , 1996, 202, 145-148.	2.1	6
121	Tyrosine kinase receptor immunoreactivity in trigeminal mesencephalic and motor neurons following transection of masseteric nerve of the rat. <i>Neuroscience</i> , 2006, 139, 921-930.	2.3	6
122	The multi-level impact of chronic intermittent hypoxia on central auditory processing. <i>NeuroImage</i> , 2017, 156, 232-239.	4.2	6
123	Human Induced Pluripotent Stem Cell-Derived Sensory Neurons for Fate Commitment of Bone Marrow Stromal Cell-Derived Schwann Cells. <i>Methods in Molecular Biology</i> , 2018, 1739, 149-160.	0.9	6
124	Regulatory roles of perineuronal nets and semaphorin 3A in the postnatal maturation of the central vestibular circuitry for graviceptive reflex. <i>Brain Structure and Function</i> , 2019, 224, 613-626.	2.3	6
125	Intracellular recordings from Deiters' neurons in response to saccular and oculomotor nucleus stimulations. <i>Experientia</i> , 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. <i>NeuroSignals</i> , 1993, 2, 106-116.	0.9	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. <i>Brain Research</i> , 1998, 813, 262-267.	2.2	5
128	Ablation of Gene Expression of N-Methyl-D-Aspartate Receptor One by Antisense Oligonucleotides in Striatal Neurons in Culture. <i>NeuroSignals</i> , 2005, 14, 303-316.	0.9	5
129	TTC9A deficiency induces estradiol-mediated changes in hippocampus and amygdala neuroplasticity-related gene expressions in female mice. <i>Brain Research Bulletin</i> , 2020, 157, 162-168.	3.0	5
130	Bilateral Otolith Contribution to Spatial Coding in the Vestibular System. <i>Journal of Biomedical Science</i> , 2002, 9, 574-586.	7.0	5
131	Receptors of Glutamate and Neurotrophin in Vestibular Neuronal Functions. <i>Journal of Biomedical Science</i> , 2003, 10, 577-587.	7.0	5
132	Elevation of pineal melatonin secretion by electrical stimulation of the cervical sympathetic trunk in rabbits. <i>Neuroscience Letters</i> , 1989, 105, 107-112.	2.1	4
133	Relationship of Rostral Ventrolateral Medullary Neurons and Angiotensin in the Central Control of Blood Pressure. <i>NeuroSignals</i> , 1995, 4, 133-141.	0.9	4
134	Neurokinin receptor 3 peptide exacerbates 6-hydroxydopamine-induced dopaminergic degeneration in rats through JNK pathway. <i>Journal of Neurochemistry</i> , 2012, 123, 417-427.	3.9	4
135	Small Interfering RNA Specific for N-Methyl-D-Aspartate Receptor 2B Offers Neuroprotection to Dopamine Neurons through Activation of MAP Kinase. <i>NeuroSignals</i> , 2013, 21, 42-54.	0.9	4
136	Juxtacrine signalling via Notch and ErbB receptors in the switch to fate commitment of bone marrow-derived Schwann cells. <i>European Journal of Neuroscience</i> , 2020, 52, 3306-3321.	2.6	4
137	ELEVATED SPONTANEOUS ACTIVITY OF PHENYLEPHRINE-EXCITED NEURONS IN THE CAUDAL VENTROLATERAL MEDULLA OF SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, S46-S47.	1.9	3
138	A transitional course from high school to medical school in a new medical curriculum in Asia: how do the students see it?*. <i>Medical Teacher</i> , 2003, 25, 89-91.	1.8	3
139	An in vivo intracellular study of auditory thalamic neurons. <i>Thalamus & Related Systems</i> , 2003, 2, 253.	0.5	3
140	Spatial coding capacity of central otolith neurons. <i>Experimental Brain Research</i> , 2006, 173, 205-214.	1.5	3
141	Developmental distribution of vestibular nuclear neurons responsive to different speeds of horizontal translation. <i>Brain Research</i> , 2010, 1326, 62-67.	2.2	3
142	Topography of Inferior Olivary Neurons that Encode Canal and Otolith Inputs. <i>Cerebellum</i> , 2013, 12, 322-324.	2.5	3
143	Reduction of sound-evoked midbrain responses observed by functional magnetic resonance imaging following acute acoustic noise exposure. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 2184-2194.	1.1	3
144	A New Vestibular Stimulation Mode for Motion Sickness With Emphatic Analysis of Pica. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	2.0	3

#	ARTICLE	IF	CITATIONS
145	Effects of angiotensin II on the spontaneous activity of rostral ventrolateral medullary cardiovascular neurons and blood pressure in spontaneously hypertensive rats. <i>Journal of Biomedical Science</i> , 1996, 3, 191-202.	7.0	2
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147	Neural connection supporting endogenous 5-hydroxytryptamine influence on autonomic activity in medial prefrontal cortex. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 203, 25-32.	2.8	2
148	Hypoxic Preconditioning of Marrow-derived Progenitor Cells As a Source for the Generation of Mature Schwann Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2
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159	Spatiotemporal characteristics of central otolith neurons. <i>Chinese Medical Journal</i> , 1997, 110, 907-10.	2.3	0
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