

Jufang He

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,854
citations

25
h-index

42
g-index

73
ext. papers

2,157
ext. citations

6.4
avg, IF

4.73
L-index

#	Paper	IF	Citations
65	Temporal integration and duration tuning in the dorsal zone of cat auditory cortex. <i>Journal of Neuroscience</i> , 1997 , 17, 2615-25	6.6	190
64	Generation of integration-free neural progenitor cells from cells in human urine. <i>Nature Methods</i> , 2013 , 10, 84-9	21.6	161
63	Change detection by thalamic reticular neurons. <i>Nature Neuroscience</i> , 2009 , 12, 1165-70	25.5	117
62	Core-Shell-Shell Upconversion Nanoparticles with Enhanced Emission for Wireless Optogenetic Inhibition. <i>Nano Letters</i> , 2018 , 18, 948-956	11.5	95
61	On and off pathways segregated at the auditory thalamus of the guinea pig. <i>Journal of Neuroscience</i> , 2001 , 21, 8672-9	6.6	77
60	Modulatory effects of regional cortical activation on the onset responses of the cat medial geniculate neurons. <i>Journal of Neurophysiology</i> , 1997 , 77, 896-908	3.2	76
59	OFF responses in the auditory thalamus of the guinea pig. <i>Journal of Neurophysiology</i> , 2002 , 88, 2377-86	3.2	65
58	Corticofugal gating of auditory information in the thalamus: an in vivo intracellular recording study. <i>Journal of Neuroscience</i> , 2004 , 24, 3060-9	6.6	63
57	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	11.5	57
56	Corticofugal modulation of the auditory thalamus. <i>Experimental Brain Research</i> , 2003 , 153, 579-90	2.3	57
55	Differential distribution of burst and single-spike responses in auditory thalamus. <i>Journal of Neurophysiology</i> , 2002 , 88, 2152-6	3.2	55
54	Tetherless near-infrared control of brain activity in behaving animals using fully implantable upconversion microdevices. <i>Biomaterials</i> , 2017 , 142, 136-148	15.6	51
53	Remote modulation of neural activities via near-infrared triggered release of biomolecules. <i>Biomaterials</i> , 2015 , 65, 76-85	15.6	49
52	Connections of the dorsal zone of cat auditory cortex. <i>Journal of Comparative Neurology</i> , 1998 , 400, 334-44	3.2	49
51	Corticofugal modulation on both ON and OFF responses in the nonlemniscal auditory thalamus of the guinea pig. <i>Journal of Neurophysiology</i> , 2003 , 89, 367-81	3.2	48
50	Modulatory effect of cortical activation on the lemniscal auditory thalamus of the Guinea pig. <i>Journal of Neurophysiology</i> , 2002 , 88, 1040-50	3.2	46
49	The parameters of the stochastic leaky integrate-and-fire neuronal model. <i>Journal of Computational Neuroscience</i> , 2006 , 21, 211-23	1.4	45

48	Slow oscillation in non-lemniscal auditory thalamus. <i>Journal of Neuroscience</i> , 2003 , 23, 8281-90	6.6	41
47	Multiplexed Optogenetic Stimulation of Neurons with Spectrum-Selective Upconversion Nanoparticles. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700446	10.1	36
46	A Non-canonical Reticular-Limbic Central Auditory Pathway via Medial Septum Contributes to Fear Conditioning. <i>Neuron</i> , 2018 , 97, 406-417.e4	13.9	35
45	Entrainment of slow oscillations of auditory thalamic neurons by repetitive sound stimuli. <i>Journal of Neuroscience</i> , 2009 , 29, 6013-21	6.6	32
44	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	3.9	32
43	Corticofugal projection inhibits the auditory thalamus through the thalamic reticular nucleus. <i>Journal of Neurophysiology</i> , 2008 , 99, 2938-45	3.2	29
42	Slow recovery from excitation of thalamic reticular nucleus neurons. <i>Journal of Neurophysiology</i> , 2009 , 101, 980-7	3.2	27
41	Effects of cortical stimulation on auditory-responsive thalamic neurones in anaesthetized guinea pigs. <i>Journal of Physiology</i> , 2004 , 560, 207-17	3.9	27
40	Brain responses to facial attractiveness induced by facial proportions: evidence from an fMRI study. <i>Scientific Reports</i> , 2016 , 6, 35905	4.9	23
39	Corticofugal modulation of acoustically induced Fos expression in the rat auditory pathway. <i>Journal of Comparative Neurology</i> , 2007 , 501, 509-25	3.4	21
38	Structural stability and reliability of the Swedish occupational fatigue inventory among Chinese VDT workers. <i>Applied Ergonomics</i> , 2004 , 35, 233-41	4.2	20
37	Corticothalamic synchronization leads to c-fos expression in the auditory thalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11802-7	11.5	17
36	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	11.5	15
35	Encoding and retrieval of artificial visuoauditory memory traces in the auditory cortex requires the entorhinal cortex. <i>Journal of Neuroscience</i> , 2013 , 33, 9963-74	6.6	15
34	Cholecystokinin from the entorhinal cortex enables neural plasticity in the auditory cortex. <i>Cell Research</i> , 2014 , 24, 307-30	24.7	14
33	Long-latency neurons in auditory cortex involved in temporal integration: theoretical analysis of experimental data. <i>Hearing Research</i> , 1998 , 121, 147-60	3.9	14
32	5-HT2 receptors mediate functional modulation of GABA _A receptors and inhibitory synaptic transmissions in human iPSC-derived neurons. <i>Scientific Reports</i> , 2016 , 6, 20033	4.9	14
31	Cross auditory-spatial learning in early-blind individuals. <i>Human Brain Mapping</i> , 2012 , 33, 2714-27	5.9	13

30	Corticofugal modulation of the auditory thalamic reticular nucleus of the guinea pig. <i>Journal of Physiology</i> , 2007 , 585, 15-28	3.9	12
29	A brain-machine-muscle interface for restoring hindlimb locomotion after complete spinal transection in rats. <i>PLoS ONE</i> , 2014 , 9, e103764	3.7	12
28	Direct auditory cortical input to the lateral periaqueductal gray controls sound-driven defensive behavior. <i>PLoS Biology</i> , 2019 , 17, e3000417	9.7	9
27	Electronic bypass of spinal lesions: activation of lower motor neurons directly driven by cortical neural signals. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014 , 11, 107	5.3	9
26	Changes in cardiac rhythm in man during underwater submersion and swimming studied by ECG telemetry. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993 , 66, 43-8		9
25	Long term potentiation, but not depression, in interlamellar hippocampus CA1. <i>Scientific Reports</i> , 2018 , 8, 5187	4.9	8
24	Effect of stimulation on the input parameters of stochastic leaky integrate-and-fire neuronal model. <i>Journal of Physiology (Paris)</i> , 2010 , 104, 160-6		8
23	Action of GLP-1 (7-36) amide and exendin-4 on <i>Suncus murinus</i> (house musk shrew) isolated ileum. <i>European Journal of Pharmacology</i> , 2007 , 566, 185-91	5.3	8
22	Stimulus-specific adaptation at the synapse level in vitro. <i>PLoS ONE</i> , 2014 , 9, e114537	3.7	7
21	Across-ear stimulus-specific adaptation in the auditory cortex. <i>Frontiers in Neural Circuits</i> , 2014 , 8, 89	3.5	7
20	Changes in carotid blood flow and electrocardiogram in humans during and after walking on a treadmill. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993 , 67, 486-91		6
19	Cortically Controlled Electrical Stimulation for Locomotion of the Spinal Cord Injured. <i>Biosystems and Biorobotics</i> , 2013 , 35-40	0.2	4
18	Estimation of the synaptic input firing rates and characterization of the stimulation effects in an auditory neuron. <i>Frontiers in Computational Neuroscience</i> , 2015 , 9, 59	3.5	3
17	Role of descending control in the auditory pathway 2010 ,		3
16	Exercise-induced changes in R wave amplitude and heart rate in normal subjects. <i>Journal of Electrocardiology</i> , 1995 , 28, 99-106	1.4	3
15	Lower-Limb Neuroprostheses. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 153-180.4	0.4	3
14	Visuoauditory Associative Memory Established with Cholecystokinin Under Anesthesia Is Retrieved in Behavioral Contexts. <i>Journal of Neuroscience</i> , 2020 , 40, 2025-2037	6.6	3
13	Intrinsic Connections of the Auditory Cortex 2011 , 133-145		3

12	An in vivo intracellular study of auditory thalamic neurons. <i>Thalamus & Related Systems</i> , 2003 , 2, 253		2
11	Reduced Firing of Nucleus Accumbens Parvalbumin Interneurons Impairs Risk Avoidance in DISC1 Transgenic Mice. <i>Neuroscience Bulletin</i> , 2021 , 37, 1325-1338	4.3	2
10	Structural Alterations in a Rat Model of Short-Term Conductive Hearing Loss Are Associated With Reduced Resting State Functional Connectivity. <i>Frontiers in Systems Neuroscience</i> , 2021 , 15, 655172	3.5	2
9	Identification and synthesis of low-molecular weight cholecystokinin B receptor (CCKBR) agonists as mediators of long-term synaptic potentiation. <i>Medicinal Chemistry Research</i> , 2019 , 28, 387-393	2.2	1
8	Time course of the dependence of associative memory retrieval on the entorhinal cortex. <i>Neurobiology of Learning and Memory</i> , 2014 , 116, 155-61	3.1	1
7	The entorhinal cortex modulates trace fear memory formation and neuroplasticity in the mouse lateral amygdala via cholecystokinin. <i>ELife</i> , 2021 , 10,	8.9	1
6	Structural and Functional Hippocampal Correlations in Environmental Enrichment During the Adolescent to Adulthood Transition in Mice.. <i>Frontiers in Systems Neuroscience</i> , 2021 , 15, 807297	3.5	1
5	Enhancement of Neuronal Activity in the Auditory Thalamus After Simulated Slow-Wave Oscillation. <i>Neuroscience Bulletin</i> , 2020 , 36, 806-810	4.3	0
4	Stimulus-Specific Adaptation in Auditory Thalamus Is Modulated by the Thalamic Reticular Nucleus. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 1688-1697	5.7	0
3	Study of neurovascular coupling by using mesoscopic and microscopic imaging. <i>IScience</i> , 2021 , 24, 103176.1		0
2	The anterior cingulate cortex directly enhances auditory cortical responses in air-puffing-facilitated flight behavior.. <i>Cell Reports</i> , 2022 , 38, 110506	10.6	0
1	Environmental enrichment leads to behavioral circadian shifts enhancing brain-wide functional connectivity between sensory cortices and eliciting increased hippocampal spiking.. <i>NeuroImage</i> , 2022 , 119016	7.9	0