

Jufang He

List of Publications by Year in descending order

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67
papers

2,384
citations

230014

27
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73
all docs

73
docs citations

73
times ranked

2988
citing authors

#	ARTICLE	IF	CITATIONS
1	The anterior cingulate cortex directly enhances auditory cortical responses in air-puffing-facilitated flight behavior. <i>Cell Reports</i> , 2022, 38, 110506.	2.9	13
2	Environmental enrichment leads to behavioral circadian shifts enhancing brain-wide functional connectivity between sensory cortices and eliciting increased hippocampal spiking. <i>NeuroImage</i> , 2022, 252, 119016.	2.1	4
3	Stimulus-Specific Adaptation in Auditory Thalamus Is Modulated by the Thalamic Reticular Nucleus. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1688-1697.	1.7	2
4	Reduced Firing of Nucleus Accumbens Parvalbumin Interneurons Impairs Risk Avoidance in DISC1 Transgenic Mice. <i>Neuroscience Bulletin</i> , 2021, 37, 1325-1338.	1.5	5
5	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.	1.2	5
6	Study of neurovascular coupling by using mesoscopic and microscopic imaging. <i>IScience</i> , 2021, 24, 103176.	1.9	3
7	The entorhinal cortex modulates trace fear memory formation and neuroplasticity in the mouse lateral amygdala via cholecystokinin. <i>ELife</i> , 2021, 10, .	2.8	16
8	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.	1.2	5
9	Visuoauditory Associative Memory Established with Cholecystokinin Under Anesthesia Is Retrieved in Behavioral Contexts. <i>Journal of Neuroscience</i> , 2020, 40, 2025-2037.	1.7	14
10	Enhancement of Neuronal Activity in the Auditory Thalamus After Simulated Slow-Wave Oscillation. <i>Neuroscience Bulletin</i> , 2020, 36, 806-810.	1.5	1
11	Direct auditory cortical input to the lateral periaqueductal gray controls sound-driven defensive behavior. <i>PLoS Biology</i> , 2019, 17, e3000417.	2.6	26
12	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.	1.1	1
13	Cholecystokinin release triggered by NMDA receptors produces LTP and sound-associated sound associative memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6397-6406.	3.3	38
14	Core-Shell Upconversion Nanoparticles with Enhanced Emission for Wireless Optogenetic Inhibition. <i>Nano Letters</i> , 2018, 18, 948-956.	4.5	130
15	A Non-canonical Reticular-Limbic Central Auditory Pathway via Medial Septum Contributes to Fear Conditioning. <i>Neuron</i> , 2018, 97, 406-417.e4.	3.8	71
16	Long term potentiation, but not depression, in interlamellar hippocampus CA1. <i>Scientific Reports</i> , 2018, 8, 5187.	1.6	12
17	Tetherless near-infrared control of brain activity in behaving animals using fully implantable upconversion microdevices. <i>Biomaterials</i> , 2017, 142, 136-148.	5.7	74
18	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.	3.3	80

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19	Multiplexed Optogenetic Stimulation of Neurons with Spectrum-Selective Upconversion Nanoparticles. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700446.	3.9	58
20	5-HT ₂ receptors mediate functional modulation of GABA _A receptors and inhibitory synaptic transmissions in human iPS-derived neurons. <i>Scientific Reports</i> , 2016, 6, 20033.	1.6	17
21	Brain responses to facial attractiveness induced by facial proportions: evidence from an fMRI study. <i>Scientific Reports</i> , 2016, 6, 35905.	1.6	33
22	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.	1.2	4
23	Remote modulation of neural activities via near-infrared triggered release of biomolecules. <i>Biomaterials</i> , 2015, 65, 76-85.	5.7	65
24	Stimulus-Specific Adaptation at the Synapse Level In Vitro. <i>PLoS ONE</i> , 2014, 9, e114537.	1.1	8
25	Across-ear stimulus-specific adaptation in the auditory cortex. <i>Frontiers in Neural Circuits</i> , 2014, 8, 89.	1.4	7
26	Cholecystokinin from the entorhinal cortex enables neural plasticity in the auditory cortex. <i>Cell Research</i> , 2014, 24, 307-330.	5.7	29
27	Time course of the dependence of associative memory retrieval on the entorhinal cortex. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 155-161.	1.0	3
28	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.	2.4	13
29	A Brain-Machine-Muscle Interface for Restoring Hindlimb Locomotion after Complete Spinal Transection in Rats. <i>PLoS ONE</i> , 2014, 9, e103764.	1.1	14
30	Generation of integration-free neural progenitor cells from cells in human urine. <i>Nature Methods</i> , 2013, 10, 84-89.	9.0	184
31	Encoding and Retrieval of Artificial Visuoauditory Memory Traces in the Auditory Cortex Requires the Entorhinal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 9963-9974.	1.7	24
32	Cortically Controlled Electrical Stimulation for Locomotion of the Spinal Cord Injured. <i>Biosystems and Biorobotics</i> , 2013, , 35-40.	0.2	4
33	Cross auditory-spatial learning in early-blind individuals. <i>Human Brain Mapping</i> , 2012, 33, 2714-2727.	1.9	18
34	Intrinsic Connections of the Auditory Cortex. , 2011, , 133-145.		7
35	Effect of stimulation on the input parameters of stochastic leaky integrate-and-fire neuronal model. <i>Journal of Physiology (Paris)</i> , 2010, 104, 160-166.	2.1	8
36	Role of descending control in the auditory pathway. , 2010, , .		6

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37	Slow Recovery From Excitation of Thalamic Reticular Nucleus Neurons. <i>Journal of Neurophysiology</i> , 2009, 101, 980-987.	0.9	31
38	Entrainment of Slow Oscillations of Auditory Thalamic Neurons by Repetitive Sound Stimuli. <i>Journal of Neuroscience</i> , 2009, 29, 6013-6021.	1.7	39
39	Change detection by thalamic reticular neurons. <i>Nature Neuroscience</i> , 2009, 12, 1165-1170.	7.1	142
40	Corticofugal Projection Inhibits the Auditory Thalamus Through the Thalamic Reticular Nucleus. <i>Journal of Neurophysiology</i> , 2008, 99, 2938-2945.	0.9	33
41	Spindle oscillations are generated in the dorsal thalamus and modulated by the thalamic reticular nucleus. <i>Nature Precedings</i> , 2008, , .	0.1	0
42	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.	3.3	22
43	Corticofugal modulation of acoustically induced Fos expression in the rat auditory pathway. <i>Journal of Comparative Neurology</i> , 2007, 501, 509-525.	0.9	22
44	Corticofugal modulation of the auditory thalamic reticular nucleus of the guinea pig. <i>Journal of Physiology</i> , 2007, 585, 15-28.	1.3	13
45	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, 185-191.	1.7	8
46	The parameters of the stochastic leaky integrate-and-fire neuronal model. <i>Journal of Computational Neuroscience</i> , 2006, 21, 211-223.	0.6	57
47	Corticofugal Gating of Auditory Information in the Thalamus: An In Vivo Intracellular Recording Study. <i>Journal of Neuroscience</i> , 2004, 24, 3060-3069.	1.7	79
48	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.	1.3	40
49	Effects of cortical stimulation on auditory-responsive thalamic neurones in anaesthetized guinea pigs. <i>Journal of Physiology</i> , 2004, 560, 207-217.	1.3	28
50	Structural stability and reliability of the Swedish occupational fatigue inventory among Chinese VDT workers. <i>Applied Ergonomics</i> , 2004, 35, 233-241.	1.7	35
51	Thalamocortical and Corticothalamic Interaction in the Auditory System. <i>Neuroembryology and Aging</i> , 2004, 3, 239-248.	0.1	2
52	Corticofugal modulation of the auditory thalamus. <i>Experimental Brain Research</i> , 2003, 153, 579-590.	0.7	64
53	An in vivo intracellular study of auditory thalamic neurons. <i>Thalamus & Related Systems</i> , 2003, 2, 253.	0.5	3
54	Slow Oscillation in Non-Lemniscal Auditory Thalamus. <i>Journal of Neuroscience</i> , 2003, 23, 8281-8290.	1.7	48

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55	Corticofugal Modulation on Both on and off Responses in the Nonlemniscal Auditory Thalamus of the Guinea Pig. <i>Journal of Neurophysiology</i> , 2003, 89, 367-381.	0.9	53
56	off Responses in the Auditory Thalamus of the Guinea Pig. <i>Journal of Neurophysiology</i> , 2002, 88, 2377-2386.	0.9	72
57	Differential Distribution of Burst and Single-Spike Responses in Auditory Thalamus. <i>Journal of Neurophysiology</i> , 2002, 88, 2152-2156.	0.9	59
58	Modulatory Effect of Cortical Activation on the Lemniscal Auditory Thalamus of the Guinea Pig. <i>Journal of Neurophysiology</i> , 2002, 88, 1040-1050.	0.9	49
59	ON and OFF Pathways Segregated at the Auditory Thalamus of the Guinea Pig. <i>Journal of Neuroscience</i> , 2001, 21, 8672-8679.	1.7	87
60	Connections of the dorsal zone of cat auditory cortex. , 1998, 400, 334-348.		51
61	Long-latency neurons in auditory cortex involved in temporal integration: theoretical analysis of experimental data. <i>Hearing Research</i> , 1998, 121, 147-160.	0.9	14
62	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.	0.9	83
63	Temporal Integration and Duration Tuning in the Dorsal Zone of Cat Auditory Cortex. <i>Journal of Neuroscience</i> , 1997, 17, 2615-2625.	1.7	212
64	Exercise-induced changes in R wave amplitude and heart rate in normal subjects. <i>Journal of Electrocardiology</i> , 1995, 28, 99-106.	0.4	8
65	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, 43-48.	1.2	15
66	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, 486-491.	1.2	9
67	Lower-Limb Neuroprostheses. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 0, , 153-180.	0.2	4