

Jiping Zhang

List of Publications by Year in descending order

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papers

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430754

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546
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental enrichment improves behavioral performance and auditory spatial representation of primary auditory cortical neurons in rat. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 366-376.	1.0	51
2	Early auditory enrichment with music enhances auditory discrimination learning and alters NR2B protein expression in rat auditory cortex. <i>Behavioural Brain Research</i> , 2009, 196, 49-54.	1.2	49
3	Binaural Interaction Revisited in the Cat Primary Auditory Cortex. <i>Journal of Neurophysiology</i> , 2004, 91, 101-117.	0.9	47
4	The role of GABAergic inhibition on direction-dependent sharpening of frequency tuning in bat inferior collicular neurons. <i>Brain Research</i> , 2000, 862, 127-137.	1.1	38
5	Response Patterns Along an Isofrequency Contour in Cat Primary Auditory Cortex (AI) to Stimuli Varying in Average and Interaural Levels. <i>Journal of Neurophysiology</i> , 2004, 91, 118-135.	0.9	37
6	The cortical distribution of multisensory neurons was modulated by multisensory experience. <i>Neuroscience</i> , 2014, 272, 1-9.	1.1	35
7	Brief and short-term corticofugal modulation of acoustic signal processing in the bat midbrain. <i>Hearing Research</i> , 2002, 168, 196-207.	0.9	33
8	Early music exposure modifies GluR2 protein expression in rat auditory cortex and anterior cingulate cortex. <i>Neuroscience Letters</i> , 2007, 420, 179-183.	1.0	31
9	Early Continuous White Noise Exposure Alters Auditory Spatial Sensitivity and Expression of GAD65 and GABAA Receptor Subunits in Rat Auditory Cortex. <i>Cerebral Cortex</i> , 2010, 20, 804-812.	1.6	31
10	Corticofugal regulation of excitatory and inhibitory frequency tuning curves of bat inferior collicular neurons. <i>Brain Research</i> , 1999, 841, 184-188.	1.1	28
11	Noise exposure at young age impairs the auditory object exploration behavior of rats in adulthood. <i>Physiology and Behavior</i> , 2008, 95, 229-234.	1.0	28
12	The effect of early auditory deprivation on the age-dependent expression pattern of NR2B mRNA in rat auditory cortex. <i>Brain Research</i> , 2006, 1110, 30-38.	1.1	27
13	Temporal Nonlinearity During Recovery From Sequential Inhibition by Neurons in the Cat Primary Auditory Cortex. <i>Journal of Neurophysiology</i> , 2006, 95, 1897-1907.	0.9	26
14	Early auditory deprivation alters expression of NMDA receptor subunit NR1 mRNA in the rat auditory cortex. <i>Journal of Neuroscience Research</i> , 2008, 86, 1290-1296.	1.3	25
15	Maintenance of enriched environment-induced changes of auditory spatial sensitivity and expression of GABAA, NMDA, and AMPA receptor subunits in rat auditory cortex. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 452-460.	1.0	25
16	The effect of postnatal exposure to noise on sound level processing by auditory cortex neurons of rats in adulthood. <i>Physiology and Behavior</i> , 2009, 97, 369-373.	1.0	24
17	Early chronic blockade of NR2B subunits and transient activation of NMDA receptors modulate LTP in mouse auditory cortex. <i>Brain Research</i> , 2006, 1073-1074, 131-138.	1.1	20
18	The causal role of auditory cortex in auditory working memory. <i>ELife</i> , 2021, 10, .	2.8	20

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19	Modulation of Level Response Areas and Stimulus Selectivity of Neurons in Cat Primary Auditory Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 2263-2274.	0.9	19
20	Auditory discrimination training rescues developmentally degraded directional selectivity and restores mature expression of GABAA and AMPA receptor subunits in rat auditory cortex. <i>Behavioural Brain Research</i> , 2012, 229, 301-307.	1.2	16
21	Environmental enrichment rescues the degraded auditory temporal resolution of cortical neurons induced by early noise exposure. <i>European Journal of Neuroscience</i> , 2015, 42, 2144-2154.	1.2	16
22	Environmental enrichment enhances directional selectivity of primary auditory cortical neurons in rats. <i>Neuroscience Letters</i> , 2009, 463, 162-165.	1.0	13
23	Contextual modulation of frequency tuning of neurons in the rat auditory cortex. <i>Neuroscience</i> , 2010, 169, 1403-1413.	1.1	13
24	Early auditory experience-induced composition/ratio changes of N-methyl-D-aspartate receptor subunit expression and effects of D,L-2-amino-5-phosphonovaleric acid chronic blockade in rat auditory cortex. <i>Journal of Neuroscience Research</i> , 2009, 87, 1123-1134.	1.3	11
25	Developmentally degraded directional selectivity of the auditory cortex can be restored by auditory discrimination training in adults. <i>Behavioural Brain Research</i> , 2011, 225, 596-602.	1.2	11
26	Age-related changes in neural gap detection thresholds in the rat auditory cortex. <i>European Journal of Neuroscience</i> , 2015, 41, 285-292.	1.2	11
27	Direction-dependent corticofugal modulation of frequency-tuning curves of inferior collicular neurons in the big brown bat, <i>Eptesicus fuscus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2000, 186, 913-922.	0.7	10
28	Responses of neurons in the cat primary auditory cortex to sequential sounds. <i>Neuroscience</i> , 2009, 161, 578-588.	1.1	8
29	Encoding of sound envelope transients in the auditory cortex of juvenile rats and adult rats. <i>International Journal of Developmental Neuroscience</i> , 2016, 48, 50-57.	0.7	8
30	Early continuous white noise exposure alters L-glutamate 3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunit glutamate receptor 2 and β -aminobutyric acid type a receptor subunit β 3 protein expression in rat auditory cortex. <i>Journal of Neuroscience Research</i> , 2010, 88, 614-619.	1.3	7
31	Degraded cortical temporal processing in the valproic acid-induced rat model of autism. <i>Neuropharmacology</i> , 2022, 209, 109000.	2.0	7
32	The impact of preceding noise on the frequency tuning of rat auditory cortex neurons. <i>BMC Neuroscience</i> , 2012, 13, 70.	0.8	5
33	Chronic Unilateral Hearing Loss Disrupts Neural Tuning to Sound-Source Azimuth in the Rat Primary Auditory Cortex. <i>Frontiers in Neuroscience</i> , 2019, 13, 477.	1.4	5
34	Early postnatal noise exposure degrades the stimulus-specific adaptation of neurons in the rat auditory cortex in adulthood. <i>Neuroscience</i> , 2019, 404, 1-13.	1.1	5
35	Spatial receptive field shift by preceding cross-modal stimulation in the cat superior colliculus. <i>Journal of Physiology</i> , 2018, 596, 5033-5050.	1.3	3
36	Unilateral Conductive Hearing Loss Disrupts the Developmental Refinement of Binaural Processing in the Rat Primary Auditory Cortex. <i>Frontiers in Neuroscience</i> , 2021, 15, 762337.	1.4	3

#	ARTICLE	IF	CITATIONS
37	Early APV chronic blocked alters experience-dependent plasticity of auditory spatial representation in rat auditory cortical neurons. <i>Neuroscience Letters</i> , 2010, 478, 119-123.	1.0	2
38	Deactivation of Association Cortices Disrupted the Congruence of Visual and Auditory Receptive Fields in Superior Colliculus Neurons. <i>Cerebral Cortex</i> , 2016, 27, 5568-5578.	1.6	2
39	Nonuniform impacts of forward suppression on neural responses to preferred stimuli and nonpreferred stimuli in the rat auditory cortex. <i>European Journal of Neuroscience</i> , 2018, 47, 1320-1338.	1.2	2
40	Corticofugal modulation of frequency tuning of inferior collicular neurons in big brown bat, <i>Eptesicus fuscus</i> . <i>Science Bulletin</i> , 2001, 46, 836-839.	1.7	1