

Lijie Liu

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,176
citations

361045

20
h-index

414034

32
g-index

34
all docs

34
docs citations

34
times ranked

1323
citing authors

#	ARTICLE	IF	CITATIONS
1	Tinnitus and hyperacusis involve hyperactivity and enhanced connectivity in auditory-limbic-arousal-cerebellar network. <i>ELife</i> , 2015, 4, e06576.	2.8	188
2	Ribbon Synapse Plasticity in the Cochleae of Guinea Pigs after Noise-Induced Silent Damage. <i>PLoS ONE</i> , 2013, 8, e81566.	1.1	115
3	Noise induced hearing loss impairs spatial learning/memory and hippocampal neurogenesis in mice. <i>Scientific Reports</i> , 2016, 6, 20374.	1.6	90
4	Coding deficits in hidden hearing loss induced by noise: the nature and impacts. <i>Scientific Reports</i> , 2016, 6, 25200.	1.6	83
5	Silent Damage of Noise on Cochlear Afferent Innervation in Guinea Pigs and the Impact on Temporal Processing. <i>PLoS ONE</i> , 2012, 7, e49550.	1.1	63
6	Cochlear Synaptopathy and Noise-Induced Hidden Hearing Loss. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	56
7	Biocompatibility of Fe ₃ O ₄ /DNR magnetic nanoparticles in the treatment of hematologic malignancies. <i>International Journal of Nanomedicine</i> , 2010, 5, 1079.	3.3	51
8	Coding Deficits in Noise-Induced Hidden Hearing Loss May Stem from Incomplete Repair of Ribbon Synapses in the Cochlea. <i>Frontiers in Neuroscience</i> , 2016, 10, 231.	1.4	44
9	Hippocampal Mechanisms Underlying Impairment in Spatial Learning Long After Establishment of Noise-Induced Hearing Loss in CBA Mice. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 35.	1.2	38
10	Daunorubicin-loaded magnetic nanoparticles of Fe ₃ O ₄ overcome multidrug resistance and induce apoptosis of K562-n/VCR cells in vivo. <i>International Journal of Nanomedicine</i> , 2009, 4, 201.	3.3	31
11	Synergistic effect of magnetic nanoparticles of Fe ₃ O ₄ with gambogic acid on apoptosis of K562 leukemia cells. <i>International Journal of Nanomedicine</i> , 2009, 4, 251.	3.3	30
12	Long-term high-fat diet consumption by mice throughout adulthood induces neurobehavioral alterations and hippocampal neuronal remodeling accompanied by augmented microglial lipid accumulation. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 155-171.	2.0	30
13	Reversal of multidrug resistance by magnetic Fe ₃ O ₄ nanoparticle copolymerizing daunorubicin and 5-bromotetrandrine in xenograft nude-mice. <i>International Journal of Nanomedicine</i> , 2009, 4, 73.	3.3	29
14	Noise-induced Cochlear Synaptopathy and Signal Processing Disorders. <i>Neuroscience</i> , 2019, 407, 41-52.	1.1	28
15	Magnetic nanoparticle of Fe ₃ O ₄ and 5-bromotetrandrin interact synergistically to induce apoptosis by daunorubicin in leukemia cells. <i>International Journal of Nanomedicine</i> , 2009, 4, 65-71.	3.3	27
16	Noise-induced damage to ribbon synapses without permanent threshold shifts in neonatal mice. <i>Neuroscience</i> , 2015, 304, 368-377.	1.1	26
17	Spatial learning and memory deficits in young adult mice exposed to a brief intense noise at postnatal age. <i>Journal of Otology</i> , 2015, 10, 21-28.	0.4	26
18	Effect of magnetic nanoparticles of Fe ₃ O ₄ and 5-bromotetrandrine on reversal of multidrug resistance in K562/A02 leukemic cells. <i>International Journal of Nanomedicine</i> , 2009, 4, 209.	3.3	24

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19	Chromanol 293B, an inhibitor of KCNQ1 channels, enhances glucose-stimulated insulin secretion and increases glucagon-like peptide-1 level in mice. <i>Islets</i> , 2014, 6, e962386.	0.9	24
20	Effects of Noise Exposure on Systemic and Tissue-Level Markers of Glucose Homeostasis and Insulin Resistance in Male Mice. <i>Environmental Health Perspectives</i> , 2016, 124, 1390-1398.	2.8	23
21	The reversal effect of magnetic Fe ₃ O ₄ nanoparticles loaded with cisplatin on SKOV3/DDP ovarian carcinoma cells. <i>International Journal of Nanomedicine</i> , 2009, 4, 107.	3.3	21
22	Reversal of multidrug resistance by magnetic Fe ₃ O ₄ nanoparticle copolymerizing daunorubicin and MDR1 shRNA expression vector in leukemia cells. <i>International Journal of Nanomedicine</i> , 2010, 5, 437.	3.3	21
23	Accelerated age-related decline in hippocampal neurogenesis in mice with noise-induced hearing loss is associated with hippocampal microglial degeneration. <i>Aging</i> , 2020, 12, 19493-19519.	1.4	18
24	Chronic noise-exposure exacerbates insulin resistance and promotes the manifestations of the type 2 diabetes in a high-fat diet mouse model. <i>PLoS ONE</i> , 2018, 13, e0195411.	1.1	17
25	Magnetic nanoparticle of Fe ₃ O ₄ and 5-bromotetrandrin interact synergistically to induce apoptosis by daunorubicin in leukemia cells. <i>International Journal of Nanomedicine</i> , 2009, , 65.	3.3	15
26	Cochlear protection against cisplatin by viral transfection of X-linked inhibitor of apoptosis protein across round window membrane. <i>Gene Therapy</i> , 2015, 22, 546-552.	2.3	13
27	Unexpected Consequences of Noise-Induced Hearing Loss: Impaired Hippocampal Neurogenesis, Memory, and Stress. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, .	1.0	9
28	Alpha-fetoprotein is dynamically expressed in rat pancreas during development. <i>Development Growth and Differentiation</i> , 2007, 49, 669-681.	0.6	7
29	The effect of noise exposure on insulin sensitivity in mice may be mediated by the JNK/IRS1 pathway. <i>Environmental Health and Preventive Medicine</i> , 2018, 23, 6.	1.4	7
30	High-frequency Noise-induced Hearing Loss Disrupts Functional Connectivity in Non-auditory Areas with Cognitive Disturbances. <i>Neuroscience Bulletin</i> , 2021, 37, 720-724.	1.5	5
31	Effect of Fe ₃ O ₄ -magnetic nanoparticles on acute exercise enhanced KCNQ(1) expression in mouse cardiac muscle. <i>International Journal of Nanomedicine</i> , 2010, 5, 109-16.	3.3	5
32	Stress Response and Hearing Loss Differentially Contribute to Dynamic Alterations in Hippocampal Neurogenesis and Microglial Reactivity in Mice Exposed to Acute Noise Exposure. <i>Frontiers in Neuroscience</i> , 2021, 15, 749925.	1.4	5
33	The Biocompatibility and Security of Magnetic Nanoparticles Fe ₃ O ₄ -DNR Used In Hematologic Malignancies Therapy. <i>Blood</i> , 2010, 116, 3970-3970.	0.6	0