

# Lin Chen

## List of Publications by Year in descending order

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77  
papers

1,545  
citations

331670

21  
h-index

377865

34  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposite patterns of hemisphere dominance for early auditory processing of lexical tones and consonants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19558-19563.	7.1	136
2	Sodium salicylate reduces inhibitory postsynaptic currents in neurons of rat auditory cortex. <i>Hearing Research</i> , 2006, 215, 77-83.	2.0	81
3	Activity dependent LoNA regulates translation by coordinating rRNA transcription and methylation. <i>Nature Communications</i> , 2018, 9, 1726.	12.8	73
4	Sodium salicylate suppresses serotonin-induced enhancement of GABAergic spontaneous inhibitory postsynaptic currents in rat inferior colliculus in vitro. <i>Hearing Research</i> , 2008, 236, 42-51.	2.0	67
5	Cochlear frequency-place map in adult chickens: Intracellular biocytin labeling. <i>Hearing Research</i> , 1994, 81, 130-136.	2.0	65
6	The role of elevated autophagy on the synaptic plasticity impairment caused by CdSe/ZnS quantum dots. <i>Biomaterials</i> , 2013, 34, 10172-10181.	11.4	62
7	The aspirin metabolite salicylate enhances neuronal excitation in rat hippocampal CA1 area through reducing GABAergic inhibition. <i>Neuropharmacology</i> , 2008, 54, 454-463.	4.1	59
8	Chick hair cells do not exhibit voltage-dependent somatic motility. <i>Journal of Physiology</i> , 2003, 546, 511-520.	2.9	49
9	Altered Neuronal Intrinsic Properties and Reduced Synaptic Transmission of the Rat's Medial Geniculate Body in Salicylate-Induced Tinnitus. <i>PLoS ONE</i> , 2012, 7, e46969.	2.5	44
10	Differential effects of sodium salicylate on current-evoked firing of pyramidal neurons and fast-spiking interneurons in slices of rat auditory cortex. <i>Hearing Research</i> , 2009, 253, 60-66.	2.0	37
11	Advances in Understanding, Diagnosis, and Treatment of Tinnitus. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1130, 109-128.	1.6	37
12	Hemispheric lateralization for early auditory processing of lexical tones: Dependence on pitch level and pitch contour. <i>Neuropsychologia</i> , 2013, 51, 2238-2244.	1.6	36
13	Tuning, spontaneous activity and tonotopic map in chicken cochlear ganglion neurons following sound-induced hair cell loss and regeneration. <i>Hearing Research</i> , 1996, 98, 152-164.	2.0	34
14	Sound induces analgesia through corticothalamic circuits. <i>Science</i> , 2022, 377, 198-204.	12.6	34
15	Effects of aspirin on immobile behavior and endocrine and immune changes in the forced swimming test: Comparison to fluoxetine and imipramine. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 361-366.	2.9	30
16	Chronic retinoic acid treatment suppresses adult hippocampal neurogenesis, in close correlation with depressive-like behavior. <i>Hippocampus</i> , 2016, 26, 911-923.	1.9	28
17	Sodium salicylate reduces gamma aminobutyric acid-induced current in rat spinal dorsal horn neurons. <i>NeuroReport</i> , 2005, 16, 813-816.	1.2	27
18	Salicylate, an aspirin metabolite, specifically inhibits the current mediated by glycine receptors containing $\alpha 1$ subunits. <i>British Journal of Pharmacology</i> , 2009, 157, 1514-1522.	5.4	27

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19	The commissure of Probst as a source of GABAergic inhibition. <i>Hearing Research</i> , 1999, 138, 106-114.	2.0	26
20	Hydroxysafflor Yellow A Protects Neurons From Excitotoxic Death through Inhibition of NMDARs. <i>ASN Neuro</i> , 2016, 8, 175909141664234.	2.7	26
21	Direct auditory cortical input to the lateral periaqueductal gray controls sound-driven defensive behavior. <i>PLoS Biology</i> , 2019, 17, e3000417.	5.6	26
22	Taurine acts as a glycine receptor agonist in slices of rat inferior colliculus. <i>Hearing Research</i> , 2006, 220, 95-105.	2.0	22
23	Memory traces for tonal language words revealed by auditory event-related potentials. <i>Psychophysiology</i> , 2012, 49, 1353-1360.	2.4	22
24	Taurine activates strychnine-sensitive glycine receptors in neurons of the rat inferior colliculus. <i>Brain Research</i> , 2004, 1021, 232-240.	2.2	20
25	Electrically evoked otoacoustic emissions from the chicken ear. <i>Hearing Research</i> , 2001, 161, 54-64.	2.0	19
26	Activation of presynaptic GABAB receptors modulates GABAergic and glutamatergic inputs to the medial geniculate body. <i>Hearing Research</i> , 2011, 280, 157-165.	2.0	19
27	p45, an ATPase subunit of the 19S proteasome, targets the polyglutamine disease protein ataxin-3 to the proteasome. <i>Journal of Neurochemistry</i> , 2007, 101, 1651-1661.	3.9	17
28	Auditory brainstem response as a possible objective indicator for salicylate-induced tinnitus in rats. <i>Brain Research</i> , 2012, 1485, 88-94.	2.2	17
29	Characterization of Rebound Depolarization in Neurons of the Rat Medial Geniculate Body In Vitro. <i>Neuroscience Bulletin</i> , 2016, 32, 16-26.	2.9	17
30	Temporary conductive hearing loss in early life impairs spatial memory of rats in adulthood. <i>Brain and Behavior</i> , 2018, 8, e01004.	2.2	17
31	A congenital CMV infection model for follow-up studies of neurodevelopmental disorders, neuroimaging abnormalities, and treatment. <i>JCI Insight</i> , 2022, 7, .	5.0	17
32	Preattentive Extraction of Abstract Auditory Rules in Speech Sound Stream: A Mismatch Negativity Study Using Lexical Tones. <i>PLoS ONE</i> , 2012, 7, e30027.	2.5	16
33	The role of low levels of fullerene C60 nanocrystals on enhanced learning and memory of rats through persistent CaMKII activation. <i>Biomaterials</i> , 2014, 35, 9269-9279.	11.4	16
34	Effects of kanamycin ototoxicity and hair cell regeneration on the DC endocochlear potential in adult chickens. <i>Hearing Research</i> , 1995, 89, 28-34.	2.0	15
35	The distinct role of NR2B subunit in the enhancement of visual plasticity in adulthood. <i>Molecular Brain</i> , 2015, 8, 49.	2.6	15
36	Sodium Salicylate Suppresses GABAergic Inhibitory Activity in Neurons of Rodent Dorsal Raphe Nucleus. <i>PLoS ONE</i> , 2015, 10, e0126956.	2.5	15

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37	Characterization and toxicological effects of three-dimensional graphene foams in rats in vivo. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	15
38	Sodium salicylate potentiates the GABA B -GIRK pathway to suppress rebound depolarization in neurons of the rat's medial geniculate body. <i>Hearing Research</i> , 2016, 332, 104-112.	2.0	15
39	Auditory to Visual Cross-Modal Adaptation for Emotion: Psychophysical and Neural Correlates. <i>Cerebral Cortex</i> , 2016, 27, bhv321.	2.9	14
40	Excitotoxic effect of kainic acid on chicken cochlear afferent neurons. <i>Neuroscience Letters</i> , 1998, 257, 81-84.	2.1	13
41	Developmental stability of taurine's activation on glycine receptors in cultured neurons of rat auditory cortex. <i>Neuroscience Letters</i> , 2008, 430, 54-59.	2.1	13
42	Inhibition of Cdk5 rejuvenates inhibitory circuits and restores experience-dependent plasticity in adult visual cortex. <i>Neuropharmacology</i> , 2018, 128, 207-220.	4.1	13
43	Distortion Product Otoacoustic Emissions in White Leghorn Chickens ( <i>Gallus domesticus</i> ): Effects of Frequency Ratio and Relative Level. <i>Audiology and Neuro-Otology</i> , 1996, 1, 197-213.	1.3	12
44	Forward acoustic masking enhances the auditory brainstem response in a diotic, but not dichotic, paradigm in salicylate-induced tinnitus. <i>Hearing Research</i> , 2015, 323, 51-60.	2.0	12
45	Neuroscience Bulletin, 2009, 25, 109-108.		11
46	Cross-talk between NMDA and GABAA receptors in cultured neurons of the rat inferior colliculus. <i>Science China Life Sciences</i> , 2011, 54, 560-566.	4.9	11
47	Amiloride attenuates glycine-induced currents in cultured neurons of rat inferior colliculus. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 900-904.	2.1	10
48	Streptavidin-conjugated CdSe/ZnS quantum dots impaired synaptic plasticity and spatial memory process. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	10
49	Titanium Dioxide Nanoparticles Induce Mitochondrial Dynamic Imbalance and Damage in HT22 Cells. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-16.	2.7	10
50	Steady state EP is not responsible for hearing loss in adult chickens following acoustic trauma. <i>Hearing Research</i> , 1997, 110, 266-270.	2.0	9
51	Unexpected Consequences of Noise-Induced Hearing Loss: Impaired Hippocampal Neurogenesis, Memory, and Stress. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, .	2.1	9
52	Two-tone rate suppression boundaries of cochlear ganglion neurons in normal chickens. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 442-450.	1.1	8
53	Modulation of major voltage- and ligand-gated ion channels in cultured neurons of the rat inferior colliculus by lidocaine. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 1409-1418.	6.1	8
54	Suppression of synaptic plasticity by fullerene in rat hippocampus in vitro. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4947-4955.	6.7	8

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55	Sensory Intelligence for Extraction of an Abstract Auditory Rule: A Cross-Linguistic Study. <i>Neuroscience</i> , 2018, 372, 246-254.	2.3	8
56	Two-tone rate suppression boundaries of cochlear ganglion neurons in chickens following acoustic trauma. <i>Journal of the Acoustical Society of America</i> , 1997, 102, 2245-2254.	1.1	7
57	Morphometry of otoliths in chicken macula lagena. <i>Neuroscience Letters</i> , 2006, 404, 83-86.	2.1	7
58	Solvent Effect on the Photoinduced Electron Transfer Reaction Between Thioxanthen-9-one and Diphenylamine. <i>Chinese Journal of Chemical Physics</i> , 2015, 28, 493-500.	1.3	7
59	Brain Hemispheres Swap Dominance for Processing Semantically Meaningful Pitch. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 621677.	2.0	5
60	Deficient sensory and cognitive processing in children with cochlear implants: An event-related potential study. <i>Hearing Research</i> , 2021, 408, 108295.	2.0	5
61	Effects of nimodipine, an L-type calcium channel antagonist, on the chicken's cochlear potentials. <i>Hearing Research</i> , 2006, 221, 82-90.	2.0	4
62	Photochemical Reaction Between 1,2-Naphthoquinone and Adenine in Binary Water-Acetonitrile Solutions. <i>Photochemistry and Photobiology</i> , 2018, 94, 61-68.	2.5	4
63	Functional magnetic resonance imaging in a single schizophrenia patient with voluntary control over auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2020, 215, 465-466.	2.0	4
64	Suppression of Inflammation Delays Hair Cell Regeneration and Functional Recovery Following Lateral Line Damage in Zebrafish Larvae. <i>Biomolecules</i> , 2020, 10, 1451.	4.0	4
65	Neural correlates of visual perceptual learning in humans indexed by event-related potentials. <i>Neuroscience Research Communications</i> , 2003, 32, 1-9.	0.2	3
66	Inhibitory effects of amiloride on the current mediated by native GABA <sub>A</sub> receptors in cultured neurons of rat inferior colliculus. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 435-440.	1.9	3
67	Intermolecular Interactions in Self-Assembly Process of Sodium Dodecyl Sulfate by Vertically Polarized Raman Spectra. <i>Chinese Journal of Chemical Physics</i> , 2017, 30, 365-371.	1.3	3
68	Acoustic Modulation of Electrically Evoked Otoacoustic Emission in Chickens. <i>Audiology and Neuro-Otology</i> , 2002, 7, 206-213.	1.3	2
69	Laser Flash Photolysis on Electron Transfer Reactions between 1,8-Dihydroxyanthraquinone with Adenine and Cytosine. <i>Chinese Journal of Chemical Physics</i> , 2013, 26, 498-503.	1.3	2
70	Deficit of long-term memory traces for words in children with cochlear implants. <i>Clinical Neurophysiology</i> , 2020, 131, 1323-1331.	1.5	2
71	Sodium salicylate enhances neural excitation via reducing GABAergic transmission in the dentate gyrus area of rat hippocampus in vivo. <i>Hippocampus</i> , 2021, 31, 512-521.	1.9	2
72	Resveratrol noncompetitively inhibits glycine receptor-mediated currents in neurons of rat central auditory neurons. <i>Brain Research Bulletin</i> , 2021, 169, 18-24.	3.0	2

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73	A computational model for tympanometry. Journal of the Acoustical Society of America, 1996, 99, 3558-3565.	1.1	1
74	Cross-talk pattern between GABAA- and glycine-receptors in CNS neurons is shaped by their relative expression levels. Brain Research, 2020, 1748, 147071.	2.2	1
75	Inhibition of Cdk5 in PV Neurons Reactivates Experience-Dependent Plasticity in Adult Visual Cortex. International Journal of Molecular Sciences, 2022, 23, 186.	4.1	0
76	Characterization of Rebound Depolarization in Neurons of the Rat Medial Geniculate Body In Vitro. Neuroscience Bulletin, 0, , .	2.9	0
77	Event-Related Potential Evidence for Involuntary Consciousness During Implicit Memory Retrieval. Frontiers in Behavioral Neuroscience, 0, 16, .	2.0	0