

Hui Ye

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

388
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition to Seizure: Ictal Discharge Is Preceded by Exhausted Presynaptic GABA Release in the Hippocampal CA3 Region. <i>Journal of Neuroscience</i> , 2012, 32, 2499-2512.	3.6	84
2	Neuron matters: electric activation of neuronal tissue is dependent on the interaction between the neuron and the electric field. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 65.	4.6	69
3	Specific Intensity Direct Current (DC) Electric Field Improves Neural Stem Cell Migration and Enhances Differentiation towards β -III-Tubulin+ Neurons. <i>PLoS ONE</i> , 2015, 10, e0129625.	2.5	51
4	Transmembrane potential induced in a spherical cell model under low-frequency magnetic stimulation. <i>Journal of Neural Engineering</i> , 2007, 4, 283-293.	3.5	31
5	Inhibitory or excitatory? Optogenetic interrogation of the functional roles of GABAergic interneurons in epileptogenesis. <i>Journal of Biomedical Science</i> , 2017, 24, 93.	7.0	26
6	Transmembrane potential generated by a magnetically induced transverse electric field in a cylindrical axonal model. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 107-119.	2.8	25
7	The double-edged role of copper in the fate of amyloid beta in the presence of anti-oxidants. <i>Chemical Science</i> , 2017, 8, 6155-6164.	7.4	20
8	Neuromodulation with electromagnetic stimulation for seizure suppression: From electrode to magnetic coil. <i>IBRO Reports</i> , 2019, 7, 26-33.	0.3	19
9	Focal Suppression of Epileptiform Activity in the Hippocampus by a High-frequency Magnetic Field. <i>Neuroscience</i> , 2020, 432, 1-14.	2.3	12
10	Axonal blockage with microscopic magnetic stimulation. <i>Scientific Reports</i> , 2020, 10, 18030.	3.3	11
11	Vesicle biomechanics in a time-varying magnetic field. <i>BMC Biophysics</i> , 2015, 8, 2.	4.4	10
12	Biomechanics of cell membrane under low-frequency time-varying magnetic field: a shell model. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1871-1881.	2.8	9
13	Somatic inhibition by microscopic magnetic stimulation. <i>Scientific Reports</i> , 2021, 11, 13591.	3.3	8
14	Kinematic difference between a biological cell and an artificial vesicle in a strong DC electric field – a shell-membrane model study. <i>BMC Biophysics</i> , 2017, 10, .	4.4	3
15	Mechanic stress generated by a time-varying electromagnetic field on bone surface. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 1793-1805.	2.8	3
16	Cell therapy for spinal cord injury informed by electromagnetic waves. <i>Regenerative Medicine</i> , 2016, 11, 675-691.	1.7	2
17	EEG analysis reveals reduced seizure activity by optogenetic inhibition of GABAergic interneurons. , 2017, , .		2
18	Improving suction technology for nerve activity recording. <i>Journal of Neuroscience Methods</i> , 2022, 365, 109401.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Shielding effects of myelin sheath on axolemma depolarization under transverse electric field stimulation. PeerJ, 2018, 6, e6020.	2.0	1