

Hui Ye

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/417646/publications.pdf>

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	Improving suction technology for nerve activity recording. Journal of Neuroscience Methods, 2022, 365, 109401.	2.5	2
2	Somatic inhibition by microscopic magnetic stimulation. Scientific Reports, 2021, 11, 13591.	3.3	8
3	Axonal blockage with microscopic magnetic stimulation. Scientific Reports, 2020, 10, 18030.	3.3	11
4	Focal Suppression of Epileptiform Activity in the Hippocampus by a High-frequency Magnetic Field. Neuroscience, 2020, 432, 1-14.	2.3	12
5	Neuromodulation with electromagnetic stimulation for seizure suppression: From electrode to magnetic coil. IBRO Reports, 2019, 7, 26-33.	0.3	19
6	Mechanic stress generated by a time-varying electromagnetic field on bone surface. Medical and Biological Engineering and Computing, 2018, 56, 1793-1805.	2.8	3
7	Shielding effects of myelin sheath on axolemma depolarization under transverse electric field stimulation. PeerJ, 2018, 6, e6020.	2.0	1
8	The double-edged role of copper in the fate of amyloid beta in the presence of anti-oxidants. Chemical Science, 2017, 8, 6155-6164.	7.4	20
9	EEG analysis reveals reduced seizure activity by optogenetic inhibition of GABAergic interneurons. , 2017, , .		2
10	Inhibitory or excitatory? Optogenetic interrogation of the functional roles of GABAergic interneurons in epileptogenesis. Journal of Biomedical Science, 2017, 24, 93.	7.0	26
11	Kinematic difference between a biological cell and an artificial vesicle in a strong DC electric field " a "shell" membrane model study. BMC Biophysics, 2017, 10, .	4.4	3
12	Biomechanics of cell membrane under low-frequency time-varying magnetic field: a shell model. Medical and Biological Engineering and Computing, 2016, 54, 1871-1881.	2.8	9
13	Cell therapy for spinal cord injury informed by electromagnetic waves. Regenerative Medicine, 2016, 11, 675-691.	1.7	2
14	Vesicle biomechanics in a time-varying magnetic field. BMC Biophysics, 2015, 8, 2.	4.4	10
15	Neuron matters: electric activation of neuronal tissue is dependent on the interaction between the neuron and the electric field. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 65.	4.6	69
16	Specific Intensity Direct Current (DC) Electric Field Improves Neural Stem Cell Migration and Enhances Differentiation towards β -III-Tubulin+ Neurons. PLoS ONE, 2015, 10, e0129625.	2.5	51
17	Transition to Seizure: Ictal Discharge Is Preceded by Exhausted Presynaptic GABA Release in the Hippocampal CA3 Region. Journal of Neuroscience, 2012, 32, 2499-2512.	3.6	84
18	Transmembrane potential generated by a magnetically induced transverse electric field in a cylindrical axonal model. Medical and Biological Engineering and Computing, 2011, 49, 107-119.	2.8	25

#	ARTICLE	IF	CITATIONS
19	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