

Dejan Zecevic

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

503
citations

1040056

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h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	The spatio-temporal characteristics of action potential initiation in layer 5 pyramidal neurons: a voltage imaging study. <i>Journal of Physiology</i> , 2011, 589, 4167-4187.	2.9	111
2	Electrical behaviour of dendritic spines as revealed by voltage imaging. <i>Nature Communications</i> , 2015, 6, 8436.	12.8	88
3	Rapid time course of action potentials in spines and remote dendrites of mouse visual cortex neurons. <i>Journal of Physiology</i> , 2010, 588, 1085-1096.	2.9	68
4	Functional profile of the giant metacerebral neuron of <i>Helix aspersa</i> : temporal and spatial dynamics of electrical activity <i>in situ</i> . <i>Journal of Physiology</i> , 2000, 527, 55-69.	2.9	58
5	Imaging Submillisecond Membrane Potential Changes from Individual Regions of Single Axons, Dendrites and Spines. <i>Advances in Experimental Medicine and Biology</i> , 2015, 859, 57-101.	1.6	37
6	Cortical Dendritic Spine Heads Are Not Electrically Isolated by the Spine Neck from Membrane Potential Signals in Parent Dendrites. <i>Cerebral Cortex</i> , 2014, 24, 385-395.	2.9	33
7	FHF-independent conduction of action potentials along the leak-resistant cerebellar granule cell axon. <i>Nature Communications</i> , 2016, 7, 12895.	12.8	28
8	Fast optical measurement of membrane potential changes at multiple sites on an individual nerve cell. <i>Journal of Neurophysiology</i> , 1998, 30, 197-216.		23
9	Imaging membrane potential changes from dendritic spines using computer-generated holography. <i>Neurophotonics</i> , 2017, 4, 031211.	3.3	23
10	Imaging Nervous System Activity with Voltage-Sensitive Dyes. <i>Current Protocols in Neuroscience</i> , 2003, 23, Unit 6.17.	2.6	15
11	Fast multisite optical measurement of membrane potential: three examples. <i>FASEB Journal</i> , 1999, 13, S271-6.	0.5	9
12	Imaging with organic indicators and high-speed charge-coupled device cameras in neurons: some applications where these classic techniques have advantages. <i>Neurophotonics</i> , 2014, 2, 021005.	3.3	7
13	Pioneers in Neurophotonics: Special Section Honoring Professor Lawrence B. Cohen. <i>Neurophotonics</i> , 2015, 2, 021001.	3.3	2