

Bálint Páter Kerekes

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

148
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	A silicon-based spiky probe providing improved cell accessibility during in vitro slice recordings. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126649.	7.8	2
2	Laminar analysis of the slow wave activity in the somatosensory cortex of anesthetized rats. <i>European Journal of Neuroscience</i> , 2016, 44, 1935-1951.	2.6	37
3	Combined two-photon imaging, electrophysiological, and anatomical investigation of the human neocortex<i>in vitro</i>. <i>Neurophotonics</i> , 2014, 1, 011013.	3.3	14
4	In vivo validation of the electronic depth control probes. <i>Biomedizinische Technik</i> , 2014, 59, 283-9.	0.8	8
5	High channel count electrode system to investigate thalamocortical interactions. <i>Procedia Computer Science</i> , 2011, 7, 178-179.	2.0	2
6	Two-Dimensional Multi-Channel Neural Probes With Electronic Depth Control. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2011, 5, 403-412.	4.0	51
7	A novel multisite silicon probe for high quality laminar neural recordings. <i>Sensors and Actuators A: Physical</i> , 2011, 166, 14-21.	4.1	28
8	Two-dimensional multi-channel neural probes with electronic depth control. , 2010, , .		6