

Thomas McColgan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

217
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of synaptic extracellular field potentials in the nucleus laminaris of the barn owl. Journal of Neurophysiology, 2019, 121, 1034-1047.	1.8	1
2	Community-based benchmarking improves spike rate inference from two-photon calcium imaging data. PLoS Computational Biology, 2018, 14, e1006157.	3.2	118
3	Contribution of action potentials to the extracellular field potential in the nucleus laminaris of barn owl. Journal of Neurophysiology, 2018, 119, 1422-1436.	1.8	13
4	Dipolar extracellular potentials generated by axonal projections. ELife, 2017, 6, .	6.0	23
5	The Role of Conduction Delay in Creating Sensitivity to Interaural Time Differences. Advances in Experimental Medicine and Biology, 2016, 894, 189-196.	1.6	3
6	Maps of interaural delay in the owl's nucleus laminaris. Journal of Neurophysiology, 2015, 114, 1862-1873.	1.8	22
7	A functional circuit model of interaural time difference processing. Journal of Neurophysiology, 2014, 112, 2850-2864.	1.8	15
8	Maps of ITD in the Nucleus Laminaris of the Barn Owl. Advances in Experimental Medicine and Biology, 2013, 787, 215-222.	1.6	11