Neurokernel: An Open Source Platform for Emulating tl

Citation Report

#	Article	IF	Citations
1	Toward Whole-Body Connectomics. Journal of Neuroscience, 2016, 36, 11375-11383.	1.7	24
2	Generating Executable Models of the Drosophila Central Complex. Frontiers in Behavioral Neuroscience, 2017, 11, 102.	1.0	16
3	Integrative biological simulation praxis: Considerations from physics, philosophy, and data/model curation practices. Cellular Logistics, 2017, 7, e1392400.	0.9	5
4	New techniques, applications and perspectives in neuropeptide research. Journal of Experimental Biology, 2018, 221, .	0.8	36
5	Code Generation in Computational Neuroscience: A Review of Tools and Techniques. Frontiers in Neuroinformatics, 2018, 12, 68.	1.3	32
6	The case for emulating insect brains using anatomical â€œwiring diagramsâ€•equipped with biophysical models of neuronal activity. Biological Cybernetics, 2019, 113, 465-474.	0.6	5
7	A Single-Cell Level and Connectome-Derived Computational Model of the Drosophila Brain. Frontiers in Neuroinformatics, 2018, 12, 99.	1.3	24
8	A molecular odorant transduction model and the complexity of spatio-temporal encoding in the Drosophila antenna. PLoS Computational Biology, 2020, 16, e1007751.	1.5	10
9	Accelerating with FlyBrainLab the discovery of the functional logic of the Drosophila brain in the connectomic and synaptomic era. ELife, 2021, 10, .	2.8	18
10	PyGeNN: A Python Library for GPU-Enhanced Neural Networks. Frontiers in Neuroinformatics, 2021, 15, 659005.	1.3	26
11	Practical demonstration of a RRAM memory fuse. International Journal of Circuit Theory and Applications, 2021, 49, 2363-2372.	1.3	2
14	Integrative Biological Simulation, Neuropsychology, and AI Safety. SSRN Electronic Journal, 0, , .	0.4	1
19	Anatomical distribution and functional roles of electrical synapses in Drosophila. Current Biology, 2022, 32, 2022-2036.e4.	1.8	19
21	A Programmable Ontology Encompassing the Functional Logic of the Drosophila Brain. Frontiers in Neuroinformatics, 0, 16, .	1.3	2