

Daniel Keller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8751132/publications.pdf>

Version: 2024-02-01

11
papers

1,876
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

2930
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction and Simulation of Neocortical Microcircuitry. <i>Cell</i> , 2015, 163, 456-492.	28.9	1,258
2	Cell Densities in the Mouse Brain: A Systematic Review. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 83.	1.7	260
3	A Cell Atlas for the Mouse Brain. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 84.	2.5	212
4	Norepinephrine stimulates glycogenolysis in astrocytes to fuel neurons with lactate. <i>PLoS Computational Biology</i> , 2018, 14, e1006392.	3.2	47
5	Basal Ganglia Neuromodulation Over Multiple Temporal and Structural Scales—Simulations of Direct Pathway MSNs Investigate the Fast Onset of Dopaminergic Effects and Predict the Role of Kv4.2. <i>Frontiers in Neural Circuits</i> , 2018, 12, 3.	2.8	34
6	A Process for Digitizing and Simulating Biologically Realistic Oligocellular Networks Demonstrated for the Neuro-Glio-Vascular Ensemble. <i>Frontiers in Neuroscience</i> , 2018, 12, 664.	2.8	25
7	Interactive visualization and analysis of morphological skeletons of brain vasculature networks with VessMorphoVis. <i>Bioinformatics</i> , 2020, 36, i534-i541.	4.1	16
8	Combining hypothesis- and data-driven neuroscience modeling in FAIR workflows. <i>ELife</i> , 0, 11, .	6.0	15
9	Excitation states of metabolic networks predict dose-response fingerprinting and ligand pulse phase signalling. <i>Journal of Theoretical Biology</i> , 2020, 487, 110123.	1.7	3
10	A Modular Workflow for Model Building, Analysis, and Parameter Estimation in Systems Biology and Neuroscience. <i>Neuroinformatics</i> , 2022, 20, 241-259.	2.8	3
11	Representing stimulus information in an energy metabolism pathway. <i>Journal of Theoretical Biology</i> , 2022, 540, 111090.	1.7	2