Daniel Keller

List of Publications by Year
in descending order

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