

Heike Blockus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/131296/publications.pdf>

Version: 2024-02-01

21
papers

930
citations

687363

13
h-index

752698

20
g-index

42
all docs

42
docs citations

42
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Local circuit amplification of spatial selectivity in the hippocampus. <i>Nature</i> , 2022, 601, 105-109.	27.8	60
2	Local feedback inhibition tightly controls rapid formation of hippocampal place fields. <i>Neuron</i> , 2022, 110, 783-794.e6.	8.1	36
3	Reorganization of CA1 dendritic dynamics by hippocampal sharp-wave ripples during learning. <i>Neuron</i> , 2022, 110, 977-991.e4.	8.1	20
4	Compartment-specific tuning of dendritic feature selectivity by intracellular Ca ²⁺ release. <i>Science</i> , 2022, 375, eabm1670.	12.6	41
5	Developmental mechanisms underlying circuit wiring: Novel insights and challenges ahead. <i>Current Opinion in Neurobiology</i> , 2021, 66, 205-211.	4.2	5
6	Inhibitory Feedback Circuit Control of Behavioral Timescale Synaptic Plasticity in Hippocampal Pyramidal Neurons. <i>Biological Psychiatry</i> , 2021, 89, S210-S211.	1.3	0
7	Synptogenic activity of the axon guidance molecule Robo2 underlies hippocampal circuit function. <i>Cell Reports</i> , 2021, 37, 109828.	6.4	18
8	Whole-Neuron Synaptic Mapping Reveals Spatially Precise Excitatory/Inhibitory Balance Limiting Dendritic and Somatic Spiking. <i>Neuron</i> , 2020, 106, 566-578.e8.	8.1	94
9	Activity-Dependent Nucleation of Dynamic Microtubules at Presynaptic Boutons Controls Neurotransmission. <i>Current Biology</i> , 2019, 29, 4231-4240.e5.	3.9	43
10	Commissural neurons transgress the CNS/PNS boundary in absence of ventricular zone-derived netrin-1. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	13
11	Circuit Wiring: Neurite Speed Dating versus Stable Synaptic Matchmaking. <i>Developmental Cell</i> , 2018, 45, 423-424.	7.0	1
12	Slit-Robo signaling. <i>Development (Cambridge)</i> , 2016, 143, 3037-3044.	2.5	259
13	Fly Dscams Can Also Help You Find the Right Partners. <i>Neuron</i> , 2016, 89, 423-425.	8.1	1
14	Conformational Dynamics of the Focal Adhesion Targeting Domain Control Specific Functions of Focal Adhesion Kinase in Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 478-491.	3.4	27
15	Inhibition of the NOTCH pathway using $\hat{\gamma}$ -secretase inhibitor RO4929097 has limited antitumor activity in established glial tumors. <i>Anti-Cancer Drugs</i> , 2015, 26, 272-283.	1.4	26
16	Signaling Switch of the Axon Guidance Receptor Robo3 during Vertebrate Evolution. <i>Neuron</i> , 2014, 84, 1258-1272.	8.1	147
17	The multifaceted roles of Slits and Robos in cortical circuits: from proliferation to axon guidance and neurological diseases. <i>Current Opinion in Neurobiology</i> , 2014, 27, 82-88.	4.2	65
18	Everolimus for astrocytomas in tuberous sclerosis complex. <i>Lancet, The</i> , 2013, 381, 95-96.	13.7	2

#	ARTICLE	IF	CITATIONS
19	Dystroglycan Adds More Sugars to the Midline Cocktail. <i>Neuron</i> , 2012, 76, 864-867.	8.1	2
20	A Homogeneous Fluorescence Resonance Energy Transfer System for Monitoring the Activation of a Protein Switch in Real Time. <i>Journal of the American Chemical Society</i> , 2011, 133, 8372-8379.	13.7	28
21	Targeting Multifunctional Proteins by Virtual Screening: Structurally Diverse Cytohesin Inhibitors with Differentiated Biological Functions. <i>ACS Chemical Biology</i> , 2010, 5, 839-849.	3.4	34