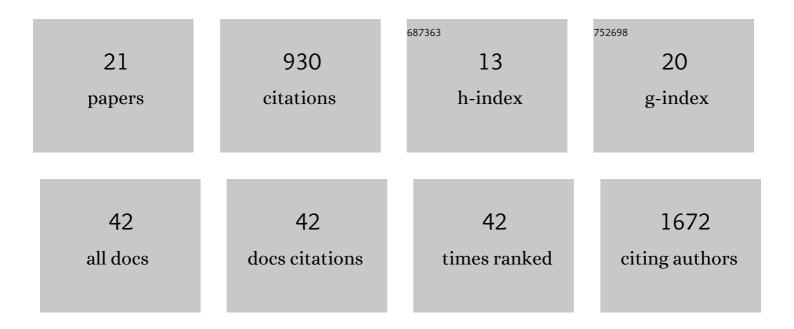
## Heike Blockus

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/131296/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Local circuit amplification of spatial selectivity in the hippocampus. Nature, 2022, 601, 105-109.	27.8	60
2	Local feedback inhibition tightly controls rapid formation of hippocampal place fields. Neuron, 2022, 110, 783-794.e6.	8.1	36
3	Reorganization of CA1 dendritic dynamics by hippocampal sharp-wave ripples during learning. Neuron, 2022, 110, 977-991.e4.	8.1	20
4	Compartment-specific tuning of dendritic feature selectivity by intracellular Ca <sup>2+</sup> release. Science, 2022, 375, eabm1670.	12.6	41
5	Developmental mechanisms underlying circuit wiring: Novel insights and challenges ahead. Current Opinion in Neurobiology, 2021, 66, 205-211.	4.2	5
6	Inhibitory Feedback Circuit Control of Behavioral Timescale Synaptic Plasticity in Hippocampal Pyramidal Neurons. Biological Psychiatry, 2021, 89, S210-S211.	1.3	0
7	Synaptogenic activity of the axon guidance molecule Robo2 underlies hippocampal circuit function. Cell Reports, 2021, 37, 109828.	6.4	18
8	Whole-Neuron Synaptic Mapping Reveals Spatially Precise Excitatory/Inhibitory Balance Limiting Dendritic and Somatic Spiking. Neuron, 2020, 106, 566-578.e8.	8.1	94
9	Activity-Dependent Nucleation of Dynamic Microtubules at Presynaptic Boutons Controls Neurotransmission. Current Biology, 2019, 29, 4231-4240.e5.	3.9	43
10	Commissural neurons transgress the CNS/PNS boundary in absence of ventricular zone-derived netrin-1. Development (Cambridge), 2018, 145, .	2.5	13
11	Circuit Wiring: Neurite Speed Dating versus Stable Synaptic Matchmaking. Developmental Cell, 2018, 45, 423-424.	7.0	1
12	Slit-Robo signaling. Development (Cambridge), 2016, 143, 3037-3044.	2.5	259
13	Fly Dscams Can Also Help You Find the Right Partners. Neuron, 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. Journal of Biological Chemistry, 2015, 290, 478-491.	3.4	27
15	Inhibition of the NOTCH pathway using <sup>ĵ3</sup> -secretase inhibitor RO4929097 has limited antitumor activity in established glial tumors. Anti-Cancer Drugs, 2015, 26, 272-283.	1.4	26
16	Signaling Switch of the Axon Guidance Receptor Robo3 during Vertebrate Evolution. Neuron, 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. Current Opinion in Neurobiology, 2014, 27, 82-88.	4.2	65
18	Everolimus for astrocytomas in tuberous sclerosis complex. Lancet, The, 2013, 381, 95-96.	13.7	2

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#	Article	IF	CITATIONS
19	Dystroglycan Adds More Sugars to the Midline Cocktail. Neuron, 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. Journal of the American Chemical Society, 2011, 133, 8372-8379.	13.7	28
21	Targeting Multifunctional Proteins by Virtual Screening: Structurally Diverse Cytohesin Inhibitors with Differentiated Biological Functions. ACS Chemical Biology, 2010, 5, 839-849.	3.4	34