

Jochen Schwenk

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,998
citations

567281

15
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2487
citing authors

#	ARTICLE	IF	CITATIONS
1	Building of AMPA-type glutamate receptors in the endoplasmic reticulum and its implication for excitatory neurotransmission. <i>Journal of Physiology</i> , 2021, 599, 2639-2653.	2.9	12
2	Deorphanizing FAM19A proteins as pan-neurexin ligands with an unusual biosynthetic binding mechanism. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	26
3	An ER Assembly Line of AMPA-Receptors Controls Excitatory Neurotransmission and Its Plasticity. <i>Neuron</i> , 2019, 104, 680-692.e9.	8.1	59
4	Complex formation of APP with GABAB receptors links axonal trafficking to amyloidogenic processing. <i>Nature Communications</i> , 2019, 10, 1331.	12.8	92
5	Folding unpredicted. <i>Science</i> , 2019, 366, 1194-1195.	12.6	3
6	Carbonic anhydrase-related protein CA10 is an evolutionarily conserved pan-neurexin ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1253-E1262.	7.1	81
7	AMPA-receptor specific biogenesis complexes control synaptic transmission and intellectual ability. <i>Nature Communications</i> , 2017, 8, 15910.	12.8	77
8	Anti-nociceptive action of peripheral mu-opioid receptors by G-beta-gamma protein-mediated inhibition of TRPM3 channels. <i>ELife</i> , 2017, 6, .	6.0	80
9	Modular composition and dynamics of native GABAB receptors identified by high-resolution proteomics. <i>Nature Neuroscience</i> , 2016, 19, 233-242.	14.8	120
10	Membrane palmitoylated protein 2 is a synaptic scaffold protein required for synaptic SK2-containing channel function. <i>ELife</i> , 2016, 5, .	6.0	17
11	Cornichon2 Dictates the Time Course of Excitatory Transmission at Individual Hippocampal Synapses. <i>Neuron</i> , 2014, 82, 848-858.	8.1	50
12	Regional Diversity and Developmental Dynamics of the AMPA-Receptor Proteome in the Mammalian Brain. <i>Neuron</i> , 2014, 84, 41-54.	8.1	224
13	Auxiliary GABAB Receptor Subunits Uncouple G Protein $\beta\gamma$ Subunits from Effector Channels to Induce Desensitization. <i>Neuron</i> , 2014, 82, 1032-1044.	8.1	92
14	High-Resolution Proteomics Unravel Architecture and Molecular Diversity of Native AMPA Receptor Complexes. <i>Neuron</i> , 2012, 74, 621-633.	8.1	389
15	Native GABAB receptors are heteromultimers with a family of auxiliary subunits. <i>Nature</i> , 2010, 465, 231-235.	27.8	286
16	Functional Proteomics Identify Cornichon Proteins as Auxiliary Subunits of AMPA Receptors. <i>Science</i> , 2009, 323, 1313-1319.	12.6	340
17	NMR Analysis of KChIP4a Reveals Structural Basis for Control of Surface Expression of Kv4 Channel Complexes. <i>Journal of Biological Chemistry</i> , 2008, 283, 18937-18946.	3.4	19
18	Getting in Touch with <i>Candida albicans</i> : The Cell Wall of a Fungal Pathogen. <i>Current Drug Targets</i> , 2006, 7, 505-512.	2.1	28