Eric Schnell

List of Publications by Year
in descending order

30 papers	3,682 citations	430874 18 h-index	501196 28 g-index
39 all docs	39 docs citations	39 times ranked	4485 citing authors

#	Article	IF	Citations
1	PSD-95 Involvement in Maturation of Excitatory Synapses. Science, 2000, 290, 1364-1368.	12.6	1,046
2	Direct interactions between PSD-95 and stargazin control synaptic AMPA receptor number. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13902-13907.	7.1	656
3	Synaptic Strength Regulated by Palmitate Cycling on PSD-95. Cell, 2002, 108, 849-863.	28.9	526
4	The Role of Brain-Derived Neurotrophic Factor Receptors in the Mature Hippocampus: Modulation of Long-Term Potentiation through a Presynaptic Mechanism involving TrkB. Journal of Neuroscience, 2000, 20, 6888-6897.	3.6	357
5	Dual Palmitoylation of Psd-95 Mediates Its Vesiculotubular Sorting, Postsynaptic Targeting, and Ion Channel Clustering. Journal of Cell Biology, 2000, 148, 159-172.	5.2	260
6	Rabphilin Knock-Out Mice Reveal That Rabphilin Is Not Required for Rab3 Function in Regulating Neurotransmitter Release. Journal of Neuroscience, 1999, 19, 5834-5846.	3.6	162
7	Pten KnockdownIn VivoIncreases Excitatory Drive onto Dentate Granule Cells. Journal of Neuroscience, 2011, 31, 4345-4354.	3.6	128
8	Functional dependence of neuroligin on a new non-PDZ intracellular domain. Nature Neuroscience, 2011, 14, 718-726.	14.8	95
9	Hippocampal Synaptic Transmission and Plasticity Are Preserved in Myosin Va Mutant Mice. Journal of Neurophysiology, 2001, 85, 1498-1501.	1.8	61
10	Functional Integration of Adult-Born Hippocampal Neurons after Traumatic Brain Injury. ENeuro, 2015, 2, ENEURO.0056-15.2015.	1.9	60
11	Neural Injury Alters Proliferation and Integration of Adult-Generated Neurons in the Dentate Gyrus. Journal of Neuroscience, 2013, 33, 4754-4767.	3.6	32
12	Exercise-induced enhancement of synaptic function triggered by the inverse BAR protein, Mtss1L. ELife, 2019, 8, .	6.0	31
13	Short-Term Depression of Sprouted Mossy Fiber Synapses from Adult-Born Granule Cells. Journal of Neuroscience, 2017, 37, 5722-5735.	3.6	28
14	Synaptic glutamate receptor clustering in mice lacking the SH3 and GK domains of SAP97. European Journal of Neuroscience, 2002, 16, 1517-1522.	2.6	27
15	Neuroligin1 Drives Synaptic and Behavioral Maturation through Intracellular Interactions. Journal of Neuroscience, 2013, 33, 9364-9384.	3.6	23
16	Ketamine Alters Hippocampal Cell Proliferation and Improves Learning in Mice after Traumatic Brain Injury. Anesthesiology, 2018, 129, 278-295.	2.5	23
17	Localized hypoxia within the subgranular zone determines the early survival of newborn hippocampal granule cells. ELife, 2015, 4, e08722.	6.0	23
18	Neuroligin-1 knockdown reduces survival of adult-generated newborn hippocampal neurons. Frontiers in Neuroscience, 2014, 8, 71.	2.8	22

#	Article	IF	Citations
19	Early detonation by sprouted mossy fibers enables aberrant dentate network activity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10994-10999.	7.1	21
20	Neuroligin-1 Overexpression in Newborn Granule Cells In Vivo. PLoS ONE, 2012, 7, e48045.	2.5	19
21	Diazepam Inhibits Post-Traumatic Neurogenesis and Blocks Aberrant Dendritic Development. Journal of Neurotrauma, 2019, 36, 2454-2467.	3.4	18
22	Î±2Î´-2 Protein Controls Structure and Function at the Cerebellar Climbing Fiber Synapse. Journal of Neuroscience, 2020, 40, 2403-2415.	3.6	15
23	Adaptive Mossy Cell Circuit Plasticity after Status Epilepticus. Journal of Neuroscience, 2022, 42, 3025-3036.	3.6	11
24	Neuronal network remodeling and Wnt pathway dysregulation in the intra-hippocampal kainate mouse model of temporal lobe epilepsy. PLoS ONE, 2019, 14, e0215789.	2.5	8
25	Longitudinal Course of Traumatic Brain Injury Biomarkers for the Prediction of Clinical Outcomes: A Review. Journal of Neurotrauma, 2021, 38, 2490-2501.	3.4	8
26	Roadmap for Conducting Neuroscience Research in the COVID-19 Era and Beyond: Recommendations From the SNACC Research Committee. Journal of Neurosurgical Anesthesiology, 2021, 33, 100-106.	1.2	8
27	Construction and validation of an ultraviolet germicidal irradiation system using locally available components. PLoS ONE, 2021, 16, e0255123.	2.5	3
28	Î±2Î´â€2 is required for depolarizationâ€induced suppression of excitation in Purkinje cells. Journal of Physiology, 2022, 600, 111-122.	2.9	3
29	Feedback Regulation of Cholinergic Modulation and Hippocampal Memory Function. , 1995, , 227-232.		1
30	Phenothiazines. , 2011, , 629.		0