

Eric Schnell

List of Publications by Year in descending order

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Version: 2024-02-01

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	Ca ²⁺ is required for depolarization-induced suppression of excitation in Purkinje cells. <i>Journal of Physiology</i> , 2022, 600, 111-122.	2.9	3
2	Adaptive Mossy Cell Circuit Plasticity after Status Epilepticus. <i>Journal of Neuroscience</i> , 2022, 42, 3025-3036.	3.6	11
3	Construction and validation of an ultraviolet germicidal irradiation system using locally available components. <i>PLoS ONE</i> , 2021, 16, e0255123.	2.5	3
4	Longitudinal Course of Traumatic Brain Injury Biomarkers for the Prediction of Clinical Outcomes: A Review. <i>Journal of Neurotrauma</i> , 2021, 38, 2490-2501.	3.4	8
5	Roadmap for Conducting Neuroscience Research in the COVID-19 Era and Beyond: Recommendations From the SNACC Research Committee. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, 33, 100-106.	1.2	8
6	Ca ²⁺ Protein Controls Structure and Function at the Cerebellar Climbing Fiber Synapse. <i>Journal of Neuroscience</i> , 2020, 40, 2403-2415.	3.6	15
7	Exercise-induced enhancement of synaptic function triggered by the inverse BAR protein, Mtss1L. <i>ELife</i> , 2019, 8, .	6.0	31
8	Neuronal network remodeling and Wnt pathway dysregulation in the intra-hippocampal kainate mouse model of temporal lobe epilepsy. <i>PLoS ONE</i> , 2019, 14, e0215789.	2.5	8
9	Early detonation by sprouted mossy fibers enables aberrant dentate network activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10994-10999.	7.1	21
10	Diazepam Inhibits Post-Traumatic Neurogenesis and Blocks Aberrant Dendritic Development. <i>Journal of Neurotrauma</i> , 2019, 36, 2454-2467.	3.4	18
11	Ketamine Alters Hippocampal Cell Proliferation and Improves Learning in Mice after Traumatic Brain Injury. <i>Anesthesiology</i> , 2018, 129, 278-295.	2.5	23
12	Short-Term Depression of Sprouted Mossy Fiber Synapses from Adult-Born Granule Cells. <i>Journal of Neuroscience</i> , 2017, 37, 5722-5735.	3.6	28
13	Functional Integration of Adult-Born Hippocampal Neurons after Traumatic Brain Injury. <i>ENeuro</i> , 2015, 2, ENEURO.0056-15.2015.	1.9	60
14	Localized hypoxia within the subgranular zone determines the early survival of newborn hippocampal granule cells. <i>ELife</i> , 2015, 4, e08722.	6.0	23
15	Neuroigin-1 knockdown reduces survival of adult-generated newborn hippocampal neurons. <i>Frontiers in Neuroscience</i> , 2014, 8, 71.	2.8	22
16	Neural Injury Alters Proliferation and Integration of Adult-Generated Neurons in the Dentate Gyrus. <i>Journal of Neuroscience</i> , 2013, 33, 4754-4767.	3.6	32
17	Neuroigin1 Drives Synaptic and Behavioral Maturation through Intracellular Interactions. <i>Journal of Neuroscience</i> , 2013, 33, 9364-9384.	3.6	23
18	Neuroigin-1 Overexpression in Newborn Granule Cells In Vivo. <i>PLoS ONE</i> , 2012, 7, e48045.	2.5	19

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19	Functional dependence of neuroligin on a new non-PDZ intracellular domain. <i>Nature Neuroscience</i> , 2011, 14, 718-726.	14.8	95
20	Pten Knockdown <i>In Vivo</i> Increases Excitatory Drive onto Dentate Granule Cells. <i>Journal of Neuroscience</i> , 2011, 31, 4345-4354.	3.6	128
21	Phenothiazines. , 2011, , 629.		0
22	Direct interactions between PSD-95 and stargazin control synaptic AMPA receptor number. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13902-13907.	7.1	656
23	Synaptic Strength Regulated by Palmitate Cycling on PSD-95. <i>Cell</i> , 2002, 108, 849-863.	28.9	526
24	Synaptic glutamate receptor clustering in mice lacking the SH3 and GK domains of SAP97. <i>European Journal of Neuroscience</i> , 2002, 16, 1517-1522.	2.6	27
25	Hippocampal Synaptic Transmission and Plasticity Are Preserved in Myosin Va Mutant Mice. <i>Journal of Neurophysiology</i> , 2001, 85, 1498-1501.	1.8	61
26	The Role of Brain-Derived Neurotrophic Factor Receptors in the Mature Hippocampus: Modulation of Long-Term Potentiation through a Presynaptic Mechanism involving TrkB. <i>Journal of Neuroscience</i> , 2000, 20, 6888-6897.	3.6	357
27	Dual Palmitoylation of Psd-95 Mediates Its Vesiculotubular Sorting, Postsynaptic Targeting, and Ion Channel Clustering. <i>Journal of Cell Biology</i> , 2000, 148, 159-172.	5.2	260
28	PSD-95 Involvement in Maturation of Excitatory Synapses. <i>Science</i> , 2000, 290, 1364-1368.	12.6	1,046
29	Rabphilin Knock-Out Mice Reveal That Rabphilin Is Not Required for Rab3 Function in Regulating Neurotransmitter Release. <i>Journal of Neuroscience</i> , 1999, 19, 5834-5846.	3.6	162
30	Feedback Regulation of Cholinergic Modulation and Hippocampal Memory Function. , 1995, , 227-232.		1