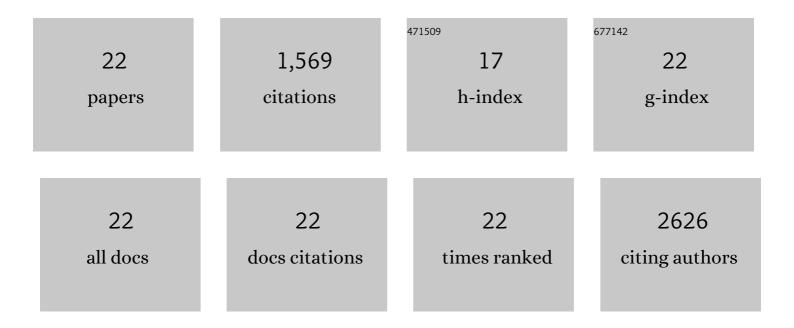
Bruce E Herring

List of Publications by Year in descending order

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RDUCE F HEDDING

#	Article	IF	CITATIONS
1	Schizophrenia-associated SAP97 mutations increase glutamatergic synapse strength in the dentate gyrus and impair contextual episodic memory in rats. Nature Communications, 2022, 13, 798.	12.8	8
2	An optogenetic method for investigating presynaptic molecular regulation. Scientific Reports, 2021, 11, 11329.	3.3	2
3	Autism Spectrum Disorder/Intellectual Disability-Associated Mutations in Trio Disrupt Neuroligin 1-Mediated Synaptogenesis. Journal of Neuroscience, 2021, 41, 7768-7778.	3.6	17
4	Kalirin and Trio: RhoGEFs in Synaptic Transmission, Plasticity, and Complex Brain Disorders. Trends in Neurosciences, 2020, 43, 505-518.	8.6	34
5	Tiam1 is Critical for Glutamatergic Synapse Structure and Function in the Hippocampus. Journal of Neuroscience, 2019, 39, 9306-9315.	3.6	22
6	Modeling microcephaly with cerebral organoids reveals a WDR62–CEP170–KIF2A pathway promoting cilium disassembly in neural progenitors. Nature Communications, 2019, 10, 2612.	12.8	125
7	Synaptic Kalirin-7 and Trio Interactomes Reveal a GEF Protein-Dependent Neuroligin-1 Mechanism of Action. Cell Reports, 2019, 29, 2944-2952.e5.	6.4	21
8	An Intellectual Disability-Related Missense Mutation in Rac1 Prevents LTP Induction. Frontiers in Molecular Neuroscience, 2018, 11, 223.	2.9	25
9	An autism spectrum disorder-related de novo mutation hotspot discovered in the CEF1 domain of Trio. Nature Communications, 2017, 8, 601.	12.8	93
10	Kalirin and Trio proteins serve critical roles in excitatory synaptic transmission and LTP. Proceedings of the United States of America, 2016, 113, 2264-2269.	7.1	86
11	Long-Term Potentiation: From CaMKII to AMPA Receptor Trafficking. Annual Review of Physiology, 2016, 78, 351-365.	13.1	362
12	Is Aspartate an Excitatory Neurotransmitter?. Journal of Neuroscience, 2015, 35, 10168-10171.	3.6	56
13	Retromer Mediates a Discrete Route of Local Membrane Delivery to Dendrites. Neuron, 2014, 82, 55-62.	8.1	121
14	CaMKII phosphorylation of neuroligin-1 regulates excitatory synapses. Nature Neuroscience, 2014, 17, 56-64.	14.8	83
15	Distance-Dependent Scaling of AMPARs Is Cell-Autonomous and GluA2 Dependent. Journal of Neuroscience, 2013, 33, 13312-13319.	3.6	24
16	Cornichon Proteins Determine the Subunit Composition of Synaptic AMPA Receptors. Neuron, 2013, 77, 1083-1096.	8.1	133
17	Interaction of anesthetics with neurotransmitter release machinery proteins. Journal of Neurophysiology, 2013, 109, 758-767.	1.8	40
18	Ubiquitin ligase RNF167 regulates AMPA receptor-mediated synaptic transmission. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19426-19431.	7.1	65

BRUCE E HERRING

#	Article	IF	CITATIONS
19	Etomidate and propofol inhibit the neurotransmitter release machinery at different sites. Journal of Physiology, 2011, 589, 1103-1115.	2.9	43
20	Isoflurane Inhibits the Neurotransmitter Release Machinery. Journal of Neurophysiology, 2009, 102, 1265-1273.	1.8	66
21	Ethanol-Induced Fos Immunoreactivity in the Extended Amygdala and Hypothalamus of the Rat Brain: Focus on Cholinergic Interneurons of the Nucleus Accumbens. Alcoholism: Clinical and Experimental Research, 2004, 28, 588-597.	2.4	31
22	Localization of dopamine D2 receptors on cholinergic interneurons of the dorsal striatum and nucleus accumbens of the rat. Brain Research, 2003, 986, 22-29.	2.2	112