Eric S Levine

List of Publications by Year
in descending order

34 papers	1,964 citations	361413 20 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	2421 citing authors

#	Article	IF	Citations
1	Hyperexcitable Phenotypes in Induced Pluripotent Stem Cellâ€“Derived Neurons From Patients With 15q11-q13 Duplication Syndrome, a Genetic Form of Autism. Biological Psychiatry, 2021, 90, 756-765.	1.3	17
2	Abundance and localization of human UBE3A protein isoforms. Human Molecular Genetics, 2020, 29, 3021-3031.	2.9	18
3	Molecular Correlates of Topiramate and <i>GRIK1</i> rs2832407 Genotype in Pluripotent Stem Cellâ€“Derived Neural Cultures. Alcoholism: Clinical and Experimental Research, 2020, 44, 1561-1570.	2.4	3
4	IPSC Models of Chromosome 15Q Imprinting Disorders: From Disease Modeling to Therapeutic Strategies. Advances in Neurobiology, 2020, 25, 55-77.	1.8	3
5	Endogenous cannabinoids mediate the effect of BDNF at CA1 inhibitory synapses in the hippocampus. Synapse, 2019, 73, e22075.	1.2	11
6	Examining the effects of alcohol on GABAA receptor mRNA expression and function in neural cultures generated from control and alcohol dependent donor induced pluripotent stem cells. Alcohol, 2018, 66, 45-53.	1.7	20
7	Uncovering True Cellular Phenotypes: Using Induced Pluripotent Stem Cell-Derived Neurons to Study Early Insults in Neurodevelopmental Disorders. Frontiers in Neurology, 2018, 9, 237.	2.4	19
8	BDNFâ€induced endocannabinoid release modulates neocortical glutamatergic neurotransmission. Synapse, 2017, 71, e21962.	1.2	34
9	Disrupted neuronal maturation in Angelman syndrome-derived induced pluripotent stem cells. Nature Communications, 2017, 8, 15038.	12.8	82
10	Examining FKBP5 mRNA expression in human iPSC-derived neural cells. Psychiatry Research, 2017, 247, 172-181.	3.3	18
11	Department of Neuroscience, University of Connecticut School of Medicine, 263 Farmington Avenue, Farmington, CT 06032, USA. OBM Neurobiology, 2017, 01, 1-1.	0.6	5
12	Role for Endogenous BDNF in Endocannabinoid-Mediated Long-Term Depression at Neocortical Inhibitory Synapses. ENeuro, 2015, 2, ENEURO.0029-14.2015.	1.9	31
13	Gene expression analysis of human induced pluripotent stem cell-derived neurons carrying copy number variants of chromosome 15q11-q13.1. Molecular Autism, 2014, 5, 44.	4.9	83
14	BDNF-endocannabinoid interactions at neocortical inhibitory synapses require phospholipase C signaling. Journal of Neurophysiology, 2014, 111, 1008-1015.	1.8	36
15	Cannabinoid Modulation of Backpropagating Action Potential-Induced Calcium Transients in Layer 2/3 Pyramidal Neurons. Cerebral Cortex, 2013, 23, 1731-1741.	2.9	7
16	Conditional Knockout of Tumor Overexpressed Gene in Mouse Neurons Affects RNA Granule Assembly, Granule Translation, LTP and Short Term Habituation. PLoS ONE, 2013, 8, e69989.	2.5	11
17	Pilot Study of i<scp>PS</scp>â€Derived Neural Cells to Examine Biologic Effects of Alcohol on Human Neurons In Vitro. Alcoholism: Clinical and Experimental Research, 2012, 36, 1678-1687.	2.4	42
18	Epileptiform activity in the CA1 region of the hippocampus becomes refractory to attenuation by cannabinoids in part because of endogenous Î³â€aminobutyric acid type B receptor activity. Journal of Neuroscience Research, 2012, 90, 1454-1463.	2.9	4

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19	Kalirin Binds the NR2B Subunit of the NMDA Receptor, Altering Its Synaptic Localization and Function. Journal of Neuroscience, 2011, 31, 12554-12565.	3.6	66
20	An â€˜excitingâ€™ spin on cannabinoid signalling. Journal of Physiology, 2011, 589, 5347-5347.	2.9	0
21	Kalirin-7 is necessary for normal NMDA receptor-dependent synaptic plasticity. BMC Neuroscience, 2011, 12, 126.	1.9	41
22	Induced pluripotent stem cell models of the genomic imprinting disorders Angelman and Praderâ€"Willi syndromes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17668-17673.	7.1	286
23	BDNF Evokes Release of Endogenous Cannabinoids at Layer 2/3 Inhibitory Synapses in the Neocortex. Journal of Neurophysiology, 2010, 104, 1923-1932.	1.8	69
24	Kalirin-7 Is Required for Synaptic Structure and Function. Journal of Neuroscience, 2008, 28, 12368-12382.	3.6	149
25	Presynaptic and Postsynaptic NMDA Receptors Mediate Distinct Effects of Brain-Derived Neurotrophic Factor on Synaptic Transmission. Journal of Neurophysiology, 2008, 100, 3175-3184.	1.8	81
26	Lack of Depolarization-Induced Suppression of Inhibition (DSI) in Layer 2/3 Interneurons That Receive Cannabinoid-Sensitive Inhibitory Inputs. Journal of Neurophysiology, 2007, 98, 2517-2524.	1.8	13
27	Differential Effects of Endocannabinoids on Glutamatergic and GABAergic Inputs to Layer 5 Pyramidal Neurons. Cerebral Cortex, 2006, 17, 163-174.	2.9	101
28	BDNF enhancement of postsynaptic NMDA receptors is blocked by ethanol. Synapse, 2005, 55, 52-57.	1.2	39
29	Brief Trains of Action Potentials Enhance Pyramidal Neuron Excitability Via Endocannabinoid-Mediated Suppression of Inhibition. Journal of Neurophysiology, 2004, 92, 2105-2112.	1.8	69
30	Endocannabinoid signalling selectively targets perisomatic inhibitory inputs to pyramidal neurones in juvenile mouse neocortex. Journal of Physiology, 2004, 556, 95-107.	2.9	73
31	Endocannabinoids Mediate Rapid Retrograde Signaling At Interneuron â†' Pyramidal Neuron Synapses of the Neocortex. Journal of Neurophysiology, 2003, 89, 2334-2338.	1.8	101
32	Cannabinoids Depress Inhibitory Synaptic Inputs Received by Layer 2/3 Pyramidal Neurons of the Neocortex. Journal of Neurophysiology, 2002, 88, 534-539.	1.8	74
33	Brain-derived neurotrophic factor increases activity of NR2B-containing N-methyl-D-aspartate receptors in excised patches from hippocampal neurons. Journal of Neuroscience Research, 2000, 62, 357-362.	2.9	96
34	BDNF acutely increases tyrosine phosphorylation of the NMDA receptor subunit 2B in cortical and hippocampal postsynaptic densities. Molecular Brain Research, 1998, 55, 20-27.	2.3	253