

Eric S Levine

List of Publications by Year in descending order

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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	Induced pluripotent stem cell models of the genomic imprinting disorders Angelman and Prader-Willi syndromes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17668-17673.	7.1	286
2	BDNF acutely increases tyrosine phosphorylation of the NMDA receptor subunit 2B in cortical and hippocampal postsynaptic densities. <i>Molecular Brain Research</i> , 1998, 55, 20-27.	2.3	253
3	Kalirin-7 Is Required for Synaptic Structure and Function. <i>Journal of Neuroscience</i> , 2008, 28, 12368-12382.	3.6	149
4	Endocannabinoids Mediate Rapid Retrograde Signaling At Interneuron â€™ Pyramidal Neuron Synapses of the Neocortex. <i>Journal of Neurophysiology</i> , 2003, 89, 2334-2338.	1.8	101
5	Differential Effects of Endocannabinoids on Glutamatergic and GABAergic Inputs to Layer 5 Pyramidal Neurons. <i>Cerebral Cortex</i> , 2006, 17, 163-174.	2.9	101
6	Brain-derived neurotrophic factor increases activity of NR2B-containing N-methyl-D-aspartate receptors in excised patches from hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2000, 62, 357-362.	2.9	96
7	Gene expression analysis of human induced pluripotent stem cell-derived neurons carrying copy number variants of chromosome 15q11-q13.1. <i>Molecular Autism</i> , 2014, 5, 44.	4.9	83
8	Disrupted neuronal maturation in Angelman syndrome-derived induced pluripotent stem cells. <i>Nature Communications</i> , 2017, 8, 15038.	12.8	82
9	Presynaptic and Postsynaptic NMDA Receptors Mediate Distinct Effects of Brain-Derived Neurotrophic Factor on Synaptic Transmission. <i>Journal of Neurophysiology</i> , 2008, 100, 3175-3184.	1.8	81
10	Cannabinoids Depress Inhibitory Synaptic Inputs Received by Layer 2/3 Pyramidal Neurons of the Neocortex. <i>Journal of Neurophysiology</i> , 2002, 88, 534-539.	1.8	74
11	Endocannabinoid signalling selectively targets perisomatic inhibitory inputs to pyramidal neurones in juvenile mouse neocortex. <i>Journal of Physiology</i> , 2004, 556, 95-107.	2.9	73
12	Brief Trains of Action Potentials Enhance Pyramidal Neuron Excitability Via Endocannabinoid-Mediated Suppression of Inhibition. <i>Journal of Neurophysiology</i> , 2004, 92, 2105-2112.	1.8	69
13	BDNF Evokes Release of Endogenous Cannabinoids at Layer 2/3 Inhibitory Synapses in the Neocortex. <i>Journal of Neurophysiology</i> , 2010, 104, 1923-1932.	1.8	69
14	Kalirin Binds the NR2B Subunit of the NMDA Receptor, Altering Its Synaptic Localization and Function. <i>Journal of Neuroscience</i> , 2011, 31, 12554-12565.	3.6	66
15	Pilot Study of i<scp>PS</scp>â€™Derived Neural Cells to Examine Biologic Effects of Alcohol on Human Neurons In Vitro. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1678-1687.	2.4	42
16	Kalirin-7 is necessary for normal NMDA receptor-dependent synaptic plasticity. <i>BMC Neuroscience</i> , 2011, 12, 126.	1.9	41
17	BDNF enhancement of postsynaptic NMDA receptors is blocked by ethanol. <i>Synapse</i> , 2005, 55, 52-57.	1.2	39
18	BDNF-endocannabinoid interactions at neocortical inhibitory synapses require phospholipase C signaling. <i>Journal of Neurophysiology</i> , 2014, 111, 1008-1015.	1.8	36

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19	BDNF-induced endocannabinoid release modulates neocortical glutamatergic neurotransmission. <i>Synapse</i> , 2017, 71, e21962.	1.2	34
20	Role for Endogenous BDNF in Endocannabinoid-Mediated Long-Term Depression at Neocortical Inhibitory Synapses. <i>ENeuro</i> , 2015, 2, ENEURO.0029-14.2015.	1.9	31
21	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. <i>Alcohol</i> , 2018, 66, 45-53.	1.7	20
22	Uncovering True Cellular Phenotypes: Using Induced Pluripotent Stem Cell-Derived Neurons to Study Early Insults in Neurodevelopmental Disorders. <i>Frontiers in Neurology</i> , 2018, 9, 237.	2.4	19
23	Examining FKBP5 mRNA expression in human iPSC-derived neural cells. <i>Psychiatry Research</i> , 2017, 247, 172-181.	3.3	18
24	Abundance and localization of human UBE3A protein isoforms. <i>Human Molecular Genetics</i> , 2020, 29, 3021-3031.	2.9	18
25	Hyperexcitable Phenotypes in Induced Pluripotent Stem Cell-Derived Neurons From Patients With 15q11-q13 Duplication Syndrome, a Genetic Form of Autism. <i>Biological Psychiatry</i> , 2021, 90, 756-765.	1.3	17
26	Lack of Depolarization-Induced Suppression of Inhibition (DSI) in Layer 2/3 Interneurons That Receive Cannabinoid-Sensitive Inhibitory Inputs. <i>Journal of Neurophysiology</i> , 2007, 98, 2517-2524.	1.8	13
27	Conditional Knockout of Tumor Overexpressed Gene in Mouse Neurons Affects RNA Granule Assembly, Granule Translation, LTP and Short Term Habituation. <i>PLoS ONE</i> , 2013, 8, e69989.	2.5	11
28	Endogenous cannabinoids mediate the effect of BDNF at CA1 inhibitory synapses in the hippocampus. <i>Synapse</i> , 2019, 73, e22075.	1.2	11
29	Cannabinoid Modulation of Backpropagating Action Potential-Induced Calcium Transients in Layer 2/3 Pyramidal Neurons. <i>Cerebral Cortex</i> , 2013, 23, 1731-1741.	2.9	7
30	Department of Neuroscience, University of Connecticut School of Medicine, 263 Farmington Avenue, Farmington, CT 06032, USA. <i>OBM Neurobiology</i> , 2017, 01, 1-1.	0.6	5
31	Epileptiform activity in the CA1 region of the hippocampus becomes refractory to attenuation by cannabinoids in part because of endogenous γ -aminobutyric acid type B receptor activity. <i>Journal of Neuroscience Research</i> , 2012, 90, 1454-1463.	2.9	4
32	Molecular Correlates of Topiramate and <i>GRIK1</i> rs2832407 Genotype in Pluripotent Stem Cell-Derived Neural Cultures. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1561-1570.	2.4	3
33	iPSC Models of Chromosome 15Q Imprinting Disorders: From Disease Modeling to Therapeutic Strategies. <i>Advances in Neurobiology</i> , 2020, 25, 55-77.	1.8	3
34	An "exciting" spin on cannabinoid signalling. <i>Journal of Physiology</i> , 2011, 589, 5347-5347.	2.9	0