

Lisa M Boulanger

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,968
citations

516561

16
h-index

752573

20
g-index

24
all docs

24
docs citations

24
times ranked

5151
citing authors

#	ARTICLE	IF	CITATIONS
1	Autism and Abnormal Development of Brain Connectivity. <i>Journal of Neuroscience</i> , 2004, 24, 9228-9231.	1.7	1,061
2	Functional Requirement for Class I MHC in CNS Development and Plasticity. <i>Science</i> , 2000, 290, 2155-2159.	6.0	745
3	Immune Proteins in Brain Development and Synaptic Plasticity. <i>Neuron</i> , 2009, 64, 93-109.	3.8	459
4	Autism as a disorder of neural information processing: directions for research and targets for therapy. <i>Molecular Psychiatry</i> , 2004, 9, 646-663.	4.1	407
5	Immune signalling in neural development, synaptic plasticity and disease. <i>Nature Reviews Neuroscience</i> , 2004, 5, 521-531.	4.9	303
6	Cellular and molecular characterization of a brain-enriched protein tyrosine phosphatase. <i>Journal of Neuroscience</i> , 1995, 15, 1532-1544.	1.7	174
7	Neuronal plasticity and cellular immunity: shared molecular mechanisms. <i>Current Opinion in Neurobiology</i> , 2001, 11, 568-578.	2.0	158
8	Presynaptic depolarization facilitates neurotrophin-induced synaptic potentiation. <i>Nature Neuroscience</i> , 1999, 2, 346-351.	7.1	142
9	Gating of BDNF-Induced Synaptic Potentiation by cAMP. <i>Science</i> , 1999, 284, 1982-1984.	6.0	117
10	MHC class I modulates NMDA receptor function and AMPA receptor trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22278-22283.	3.3	79
11	Synapse Remodeling, Compliments of the Complement System. <i>Cell</i> , 2007, 131, 1034-1036.	13.5	69
12	MHC Class I Limits Hippocampal Synapse Density by Inhibiting Neuronal Insulin Receptor Signaling. <i>Journal of Neuroscience</i> , 2014, 34, 11844-11856.	1.7	49
13	MHC class I immune proteins are critical for hippocampus-dependent memory and gate NMDAR-dependent hippocampal long-term depression. <i>Learning and Memory</i> , 2013, 20, 505-517.	0.5	40
14	Role of immune molecules in the establishment and plasticity of glutamatergic synapses. <i>European Journal of Neuroscience</i> , 2010, 32, 207-217.	1.2	37
15	MHC class I in activity-dependent structural and functional plasticity. <i>Neuron Glia Biology</i> , 2004, 1, 283-289.	2.0	35
16	MHC class I protein is expressed by neurons and neural progenitors in mid-gestation mouse brain. <i>Molecular and Cellular Neurosciences</i> , 2013, 52, 117-127.	1.0	32
17	MHCI promotes developmental synapse elimination and aging-related synapse loss at the vertebrate neuromuscular junction. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 197-208.	2.0	22
18	Complement-Mediated Microglial Clearance of Developing Retinal Ganglion Cell Axons. <i>Neuron</i> , 2012, 74, 597-599.	3.8	13

#	ARTICLE	IF	CITATIONS
19	Expression and alternative splicing of classical and nonclassical MHCI genes in the hippocampus and neuromuscular junction. <i>Molecular and Cellular Neurosciences</i> , 2016, 72, 34-45.	1.0	11
20	Cryptic protein-protein interaction motifs in the cytoplasmic domain of MHCI proteins. <i>BMC Immunology</i> , 2016, 17, 24.	0.9	4