Lisa M Boulanger

List of Publications by Year
in descending order

20 papers	3,968 citations	516710 16 h-index	752698 20 g-index
24 all docs	24 docs citations	24 times ranked	5151 citing authors

#	Article	IF	Citations
1	MHCI promotes developmental synapse elimination and aging-related synapse loss at the vertebrate neuromuscular junction. Brain, Behavior, and Immunity, 2016, 56, 197-208.	4.1	22
2	Cryptic protein-protein interaction motifs in the cytoplasmic domain of MHCI proteins. BMC Immunology, 2016, 17, 24.	2.2	4
3	Expression and alternative splicing of classical and nonclassical MHCI genes in the hippocampus and neuromuscular junction. Molecular and Cellular Neurosciences, 2016, 72, 34-45.	2.2	11
4	MHC Class I Limits Hippocampal Synapse Density by Inhibiting Neuronal Insulin Receptor Signaling. Journal of Neuroscience, 2014, 34, 11844-11856.	3.6	49
5	MHC class I protein is expressed by neurons and neural progenitors in mid-gestation mouse brain. Molecular and Cellular Neurosciences, 2013, 52, 117-127.	2.2	32
6	MHC class I immune proteins are critical for hippocampus-dependent memory and gate NMDAR-dependent hippocampal long-term depression. Learning and Memory, 2013, 20, 505-517.	1.3	40
7	Complement-Mediated Microglial Clearance of Developing Retinal Ganglion Cell Axons. Neuron, 2012, 74, 597-599.	8.1	13
8	Role of immune molecules in the establishment and plasticity of glutamatergic synapses. European Journal of Neuroscience, 2010, 32, 207-217.	2.6	37
9	MHC class I modulates NMDA receptor function and AMPA receptor trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22278-22283.	7.1	79
10	Immune Proteins in Brain Development and Synaptic Plasticity. Neuron, 2009, 64, 93-109.	8.1	459
11	Synapse Remodeling, Compliments of the Complement System. Cell, 2007, 131, 1034-1036.	28.9	69
12	MHC class I in activity-dependent structural and functional plasticity. Neuron Glia Biology, 2004, 1, 283-289.	1.6	35
13	Autism as a disorder of neural information processing: directions for research and targets for therapy. Molecular Psychiatry, 2004, 9, 646-663.	7.9	407
14	Immune signalling in neural development, synaptic plasticity and disease. Nature Reviews Neuroscience, 2004, 5, 521-531.	10.2	303
15	Autism and Abnormal Development of Brain Connectivity: Figure 1.. Journal of Neuroscience, 2004, 24, 9228-9231.	3.6	1,061
16	Neuronal plasticity and cellular immunity: shared molecular mechanisms. Current Opinion in Neurobiology, 2001, 11, 568-578.	4.2	158
17	Functional Requirement for Class I MHC in CNS Development and Plasticity. Science, 2000, 290, 2155-2159.	12.6	745
18	Presynaptic depolarization facilitates neurotrophin-induced synaptic potentiation. Nature Neuroscience, 1999, 2, 346-351.	14.8	142

#	Article	IF	Citations
19	Gating of BDNF-Induced Synaptic Potentiation by cAMP. Science, 1999, 284, 1982-1984.	12.6	117
20	Cellular and molecular characterization of a brain-enriched protein tyrosine phosphatase. Journal of Neuroscience, 1995, 15, 1532-1544.	3.6	174