

Magalie Martineau

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

1,232
citations

14
h-index

17
g-index

17
ext. papers

1,352
ext. citations

10.1
avg, IF

4.1
L-index

#	Paper	IF	Citations
16	Glutamate receptor activation triggers a calcium-dependent and SNARE protein-dependent release of the gliotransmitter D-serine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 5606-11	11.5	351
15	D-serine signalling in the brain: friend and foe. <i>Trends in Neurosciences</i> , 2006 , 29, 481-91	13.3	132
14	Storage and uptake of D-serine into astrocytic synaptic-like vesicles specify gliotransmission. <i>Journal of Neuroscience</i> , 2013 , 33, 3413-23	6.6	125
13	pLG72 modulates intracellular D-serine levels through its interaction with D-amino acid oxidase: effect on schizophrenia susceptibility. <i>Journal of Biological Chemistry</i> , 2008 , 283, 22244-56	5.4	123
12	Confocal imaging and tracking of the exocytotic routes for D-serine-mediated gliotransmission. <i>Glia</i> , 2008 , 56, 1271-84	9	95
11	Identity of the NMDA receptor coagonist is synapse specific and developmentally regulated in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E204-13	11.5	78
10	Cell-type specific mechanisms of D-serine uptake and release in the brain. <i>Frontiers in Synaptic Neuroscience</i> , 2014 , 6, 12	3.5	68
9	A common origin of synaptic vesicles undergoing evoked and spontaneous fusion. <i>Nature Neuroscience</i> , 2010 , 13, 1451-3	25.5	67
8	Semisynthetic fluorescent pH sensors for imaging exocytosis and endocytosis. <i>Nature Communications</i> , 2017 , 8, 1412	17.4	53
7	Changes in D-serine levels and localization during postnatal development of the rat vestibular nuclei. <i>Journal of Comparative Neurology</i> , 2006 , 497, 610-21	3.4	42
6	VGLUT1 functions as a glutamate/proton exchanger with chloride channel activity in hippocampal glutamatergic synapses. <i>Nature Communications</i> , 2017 , 8, 2279	17.4	36
5	Gliotransmission: focus on exocytotic release of L-glutamate and D-serine from astrocytes. <i>Biochemical Society Transactions</i> , 2013 , 41, 1557-61	5.1	25
4	Tissue Plasminogen Activator Expression Is Restricted to Subsets of Excitatory Pyramidal Glutamatergic Neurons. <i>Molecular Neurobiology</i> , 2016 , 53, 5000-12	6.2	21
3	Gliotransmission at central glutamatergic synapses: D-serine on stage. <i>Journal of Physiology (Paris)</i> , 2006 , 99, 103-10		16
2	Physiological Roles of d-Serine in the Central Nervous System 2016 , 27-50		
1	Glia-derived D-serine and synaptic plasticity 2009 , 417-441		