

Mikhail A Kostylev

List of Publications by Year in descending order

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13
papers

1,957
citations

759233

12
h-index

1125743

13
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all docs

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docs citations

13
times ranked

2955
citing authors

#	ARTICLE	IF	CITATIONS
1	Alzheimer amyloid- β oligomer bound to postsynaptic prion protein activates Fyn to impair neurons. <i>Nature Neuroscience</i> , 2012, 15, 1227-1235.	14.8	572
2	Metabotropic Glutamate Receptor 5 Is a Coreceptor for Alzheimer A β Oligomer Bound to Cellular Prion Protein. <i>Neuron</i> , 2013, 79, 887-902.	8.1	485
3	Fyn inhibition rescues established memory and synapse loss in Alzheimer mice. <i>Annals of Neurology</i> , 2015, 77, 953-971.	5.3	282
4	Metabotropic glutamate receptor 5 couples cellular prion protein to intracellular signalling in Alzheimer's disease. <i>Brain</i> , 2016, 139, 526-546.	7.6	110
5	Prion-Protein-interacting Amyloid- β Oligomers of High Molecular Weight Are Tightly Correlated with Memory Impairment in Multiple Alzheimer Mouse Models. <i>Journal of Biological Chemistry</i> , 2015, 290, 17415-17438.	3.4	104
6	Liquid and Hydrogel Phases of PrPC Linked to Conformation Shifts and Triggered by Alzheimer's Amyloid- β Oligomers. <i>Molecular Cell</i> , 2018, 72, 426-443.e12.	9.7	87
7	Brivaracetam, but not ethosuximide, reverses memory impairments in an Alzheimer's disease mouse model. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 25.	6.2	76
8	Therapeutic Molecules and Endogenous Ligands Regulate the Interaction between Brain Cellular Prion Protein (PrPC) and Metabotropic Glutamate Receptor 5 (mGluR5). <i>Journal of Biological Chemistry</i> , 2014, 289, 28460-28477.	3.4	70
9	Opposing effects of progranulin deficiency on amyloid and tau pathologies via microglial TYROBP network. <i>Acta Neuropathologica</i> , 2017, 133, 785-807.	7.7	67
10	Systematic and standardized comparison of reported amyloid- β receptors for sufficiency, affinity, and Alzheimer's disease relevance. <i>Journal of Biological Chemistry</i> , 2019, 294, 6042-6053.	3.4	54
11	Rescue of Transgenic Alzheimer's Pathophysiology by Polymeric Cellular Prion Protein Antagonists. <i>Cell Reports</i> , 2019, 26, 145-158.e8.	6.4	27
12	Early Activation of Experience-Independent Dendritic Spine Turnover in a Mouse Model of Alzheimer's Disease. <i>Cerebral Cortex</i> , 2016, 27, 3660-3674.	2.9	20
13	Metabotropic Glutamate Receptor 5 Is a Coreceptor for Alzheimer A β Oligomer Bound to Cellular Prion Protein. <i>Neuron</i> , 2013, 80, 531.	8.1	3