

Iaroslav Savtchouk

List of Publications by Year in descending order

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14
papers

1,268
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1993
citing authors

#	ARTICLE	IF	CITATIONS
1	Circuit-specific control of the medial entorhinal inputs to the dentate gyrus by atypical presynaptic NMDARs activated by astrocytes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13602-13610.	7.1	23
2	Gliotransmission: Beyond Black-and-White. Journal of Neuroscience, 2018, 38, 14-25.	3.6	256
3	Studying Axon-Astrocyte Functional Interactions by 3D Two-Photon Ca ²⁺ Imaging: A Practical Guide to Experiments and “Big Data” Analysis. Frontiers in Cellular Neuroscience, 2018, 12, 98.	3.7	13
4	Three-dimensional Ca ²⁺ imaging advances understanding of astrocyte biology. Science, 2017, 356, .	12.6	259
5	Generation and Characterization of Anti-VGLUT Nanobodies Acting as Inhibitors of Transport. Biochemistry, 2017, 56, 3962-3971.	2.5	40
6	Topological Regulation of Synaptic AMPA Receptor Expression by the RNA-Binding Protein CPEB3. Cell Reports, 2016, 17, 86-103.	6.4	15
7	What do we know about gliotransmitter release from astrocytes?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130592.	4.0	96
8	Astrocyte Ca ²⁺ signalling: an unexpected complexity. Nature Reviews Neuroscience, 2014, 15, 327-335.	10.2	365
9	Ca ²⁺ permeable AMPA receptors switch allegiances: mechanisms and consequences. Journal of Physiology, 2012, 590, 13-20.	2.9	36
10	Remodeling of Synaptic AMPA Receptor Subtype Alters the Probability and Pattern of Action Potential Firing. Journal of Neuroscience, 2011, 31, 501-511.	3.6	41
11	Inhibition of Ca ²⁺ -activated large-conductance K ⁺ channel activity alters synaptic AMPA receptor phenotype in mouse cerebellar stellate cells. Journal of Neurophysiology, 2011, 106, 144-152.	1.8	19
12	A single fear-inducing stimulus induces a transcription-dependent switch in synaptic AMPAR phenotype. Nature Neuroscience, 2010, 13, 223-231.	14.8	81
13	Long-Term Synaptic Plasticity in Cerebellar Stellate Cells. Cerebellum, 2008, 7, 559-562.	2.5	14
14	Ceramide: From Embryos to Tumors. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, jc1.	3.9	10