

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