

Michael S Smirnov

List of Publications by Year in descending order

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11
papers

215
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1163117

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1281871

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citing authors

#	ARTICLE	IF	CITATIONS
1	A deep learning approach to identifying immunogold particles in electron microscopy images. <i>Scientific Reports</i> , 2021, 11, 7771.	3.3	14
2	Rapid Ultrastructural Changes in the PSD and Surrounding Membrane after Induction of Structural LTP in Single Dendritic Spines. <i>Journal of Neuroscience</i> , 2021, 41, 7003-7014.	3.6	27
3	An open-source tool for analysis and automatic identification of dendritic spines using machine learning. <i>PLoS ONE</i> , 2018, 13, e0199589.	2.5	20
4	RGS14 Restricts Plasticity in Hippocampal CA2 by Limiting Postsynaptic Calcium Signaling. <i>ENeuro</i> , 2018, 5, ENEURO.0353-17.2018.	1.9	32
5	Automated Remote Focusing, Drift Correction, and Photostimulation to Evaluate Structural Plasticity in Dendritic Spines. <i>PLoS ONE</i> , 2017, 12, e0170586.	2.5	16
6	The effects of confinement on neuronal growth cone morphology and velocity. <i>Biomaterials</i> , 2014, 35, 6750-6757.	11.4	8
7	Phasic and tonic fluctuations in brain, muscle, and skin temperatures during motivated drinking behavior in rats: Physiological correlates of motivation and reward. <i>Brain Research</i> , 2010, 1310, 87-102.	2.2	7
8	Rapid EEG desynchronization and EMG activation induced by intravenous cocaine in freely moving rats: a peripheral, nondopamine neural triggering. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R285-R300.	1.8	33
9	Cocaine action on peripheral, non-monoamine neural substrates as a trigger of electroencephalographic desynchronization and electromyographic activation following i.v. administration in freely moving rats. <i>Neuroscience</i> , 2010, 165, 500-514.	2.3	4
10	Behavioral and temperature effects of delta 9-tetrahydrocannabinol in human-relevant doses in rats. <i>Brain Research</i> , 2008, 1228, 145-160.	2.2	33
11	Fluctuations in central and peripheral temperatures associated with feeding behavior in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1415-R1424.	1.8	18