Michael S Smirnov

List of Publications by Year
in descending order

11	215	1163117 8	1281871 11
papers	citations	h-index	g-index

15	15	15	312
all docs	docs citations	times ranked	citing authors

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