

Mariam Alaverdashvili

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,024
citations

566801

15
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

1269
citing authors

#	ARTICLE	IF	CITATIONS
1	Allosteric and orthosteric pharmacology of cannabidiol and cannabidiolâ€¦dimethylheptyl at the type 1 and type 2 cannabinoid receptors. <i>British Journal of Pharmacology</i> , 2019, 176, 1455-1469.	2.7	207
2	Similar hand shaping in reaching-for-food (skilled reaching) in rats and humans provides evidence of homology in release, collection, and manipulation movements. <i>Behavioural Brain Research</i> , 2009, 204, 153-161.	1.2	113
3	A behavioral method for identifying recovery and compensation: Hand use in a preclinical stroke model using the single pellet reaching task. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 950-967.	2.9	82
4	The problem of relating plasticity and skilled reaching after motor cortex stroke in the rat. <i>Behavioural Brain Research</i> , 2008, 192, 124-136.	1.2	76
5	â€œLearned bad useâ€¦limits recovery of skilled reaching for food after forelimb motor cortex stroke in rats: A new analysis of the effect of gestures on success. <i>Behavioural Brain Research</i> , 2008, 188, 281-290.	1.2	73
6	Both compensation and recovery of skilled reaching following small photothrombotic stroke to motor cortex in the rat. <i>Experimental Neurology</i> , 2009, 218, 145-153.	2.0	70
7	Motor cortex stroke impairs individual digit movement in skilled reaching by the rat. <i>European Journal of Neuroscience</i> , 2008, 28, 311-322.	1.2	58
8	Compensation aids skilled reaching in aging and in recovery from forelimb motor cortex stroke in the rat. <i>Neuroscience</i> , 2010, 167, 21-30.	1.1	49
9	Acute but not chronic differences in skilled reaching for food following motor cortex devascularization vs. photothrombotic stroke in the rat. <i>Neuroscience</i> , 2008, 157, 297-308.	1.1	34
10	Cineradiographic (video X-ray) analysis of skilled reaching in a single pellet reaching task provides insight into relative contribution of body, head, oral, and forelimb movement in rats. <i>Behavioural Brain Research</i> , 2008, 192, 232-247.	1.2	33
11	Concurrent Glycogen and Lactate Imaging with FTIR Spectroscopy To Spatially Localize Metabolic Parameters of the Glial Response Following Brain Ischemia. <i>Analytical Chemistry</i> , 2016, 88, 10949-10956.	3.2	31
12	Thinning, movement, and volume loss of residual cortical tissue occurs after stroke in the adult rat as identified by histological and magnetic resonance imaging analysis. <i>Neuroscience</i> , 2010, 170, 123-137.	1.1	27
13	No improvement by amphetamine on learned non-use, attempts, success or movement in skilled reaching by the rat after motor cortex stroke. <i>European Journal of Neuroscience</i> , 2007, 25, 3442-3452.	1.2	26
14	The future of type 1 cannabinoid receptor allosteric ligands. <i>Drug Metabolism Reviews</i> , 2018, 50, 14-25.	1.5	26
15	Positive allosteric modulation of type 1 cannabinoid receptors reduces spike-and-wave discharges in Genetic Absence Epilepsy Rats from Strasbourg. <i>Neuropharmacology</i> , 2021, 190, 108553.	2.0	22
16	Motor performance and behavior of immature rats are not compromised by a high dose of topiramate. <i>Epilepsy and Behavior</i> , 2005, 7, 222-230.	0.9	16
17	Laminar-specific distribution of zinc: Evidence for presence of layer IV in forelimb motor cortex in the rat. <i>NeuroImage</i> , 2014, 103, 502-510.	2.1	14
18	Protein-Energy Malnutrition Causes Deficits in Motor Function in Adult Male Rats. <i>Journal of Nutrition</i> , 2015, 145, 2503-2511.	1.3	13

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19	Protein-Energy Malnutrition Exacerbates Stroke-Induced Forelimb Abnormalities and Dampens Neuroinflammation. <i>Translational Stroke Research</i> , 2018, 9, 622-630.	2.3	12
20	Laser system refinements to reduce variability in infarct size in the rat photothrombotic stroke model. <i>Journal of Neuroscience Methods</i> , 2015, 247, 58-66.	1.3	11
21	Nicotine does not improve recovery from learned nonuse nor enhance constraint-induced therapy after motor cortex stroke in the rat. <i>Behavioural Brain Research</i> , 2009, 198, 411-419.	1.2	8
22	A longitudinal exploration of the impact of social anxiety and individual attachment on depression severity. <i>Journal of Affective Disorders</i> , 2019, 257, 250-256.	2.0	8
23	Parallel changes in cortical neuron biochemistry and motor function in protein-energy malnourished adult rats. <i>NeuroImage</i> , 2017, 149, 275-284.	2.1	6
24	Mapping the dynamics of cortical neuroplasticity of skilled motor learning using micro X-ray fluorescence and histofluorescence imaging of zinc in the rat. <i>Behavioural Brain Research</i> , 2017, 318, 52-60.	1.2	4
25	Manganese-Enhanced Magnetic Resonance Imaging and Studies of Rat Behavior: Transient Motor Deficit in Skilled Reaching, Rears, and Activity in Rats After a Single Dose of MnCl ₂ . <i>Magnetic Resonance Insights</i> , 2017, 10, 1178623X1770687.	2.5	4
26	Preventing protein-energy malnutrition after cortical stroke enhances recovery of symmetry in forelimb use during spontaneous exploration. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 1015-1021.	0.9	1