

Todor V Gerdjikov

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,140
citations

686830

13
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

1638
citing authors

#	ARTICLE	IF	CITATIONS
1	Two variations and one similarity in memory functions deployed by mice and humans to support foraging. <i>Quarterly Journal of Experimental Psychology</i> , 2022, 75, 245-259.	0.6	1
2	Phosphodiesterase type 1 inhibition alters medial prefrontal cortical activity during goal-driven behaviour and partially reverses neurophysiological deficits in the rat phencyclidine model of schizophrenia. <i>Neuropharmacology</i> , 2021, 186, 108454.	2.0	2
3	Cholinergic midbrain afferents modulate striatal circuits and shape encoding of action strategies. <i>Nature Communications</i> , 2020, 11, 1739.	5.8	46
4	Synchronization in the prefrontalâ€“striatal circuit tracks behavioural choice in a goâ€“no-go task in rats. <i>European Journal of Neuroscience</i> , 2019, 49, 701-711.	1.2	8
5	Global Tactile Coding in Rat Barrel Cortex in the Absence of Local Cues. <i>Cerebral Cortex</i> , 2018, 28, 2015-2027.	1.6	6
6	Cortical Local Field Potential Power Is Associated with Behavioral Detection of Near-threshold Stimuli in the Rat Whisker System: Dissociation between Orbitofrontal and Somatosensory Cortices. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 42-49.	1.1	1
7	Altered cortico-striatal crosstalk underlies object recognition memory deficits in the sub-chronic phencyclidine model of schizophrenia. <i>Brain Structure and Function</i> , 2017, 222, 3179-3190.	1.2	15
8	Thalamic inputs to dorsomedial striatum are involved in inhibitory control: evidence from the five-choice serial reaction time task in rats. <i>Psychopharmacology</i> , 2017, 234, 2399-2407.	1.5	20
9	Extrinsic Sources of Cholinergic Innervation of the Striatal Complex: A Whole-Brain Mapping Analysis. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 1.	0.9	128
10	Segregated cholinergic transmission modulates dopamine neurons integrated in distinct functional circuits. <i>Nature Neuroscience</i> , 2016, 19, 1025-1033.	7.1	122
11	Disruption of medial prefrontal synchrony in the subchronic phencyclidine model of schizophrenia in rats. <i>Neuroscience</i> , 2015, 287, 157-163.	1.1	11
12	A Major External Source of Cholinergic Innervation of the Striatum and Nucleus Accumbens Originates in the Brainstem. <i>Journal of Neuroscience</i> , 2014, 34, 4509-4518.	1.7	267
13	Rhythmic Whisking Area (RW) in Rat Primary Motor Cortex: An Internal Monitor of Movement-Related Signals?. <i>Journal of Neuroscience</i> , 2013, 33, 14193-14204.	1.7	27
14	Populations of striatal medium spiny neurons encode vibrotactile frequency in rats: modulation by slow wave oscillations. <i>Journal of Neurophysiology</i> , 2013, 109, 315-320.	0.9	6
15	Amphetamine-induced enhancement of responding for conditioned reward in rats: interactions with repeated testing. <i>Psychopharmacology</i> , 2011, 214, 891-899.	1.5	6
16	The head-fixed behaving ratâ€“Procedures and pitfalls. <i>Somatosensory & Motor Research</i> , 2010, 27, 131-148.	0.4	123
17	Discrimination of Vibrotactile Stimuli in the Rat Whisker System: Behavior and Neurometrics. <i>Neuron</i> , 2010, 65, 530-540.	3.8	65
18	The effect of induced compliance on relative left frontal cortical activity: a test of the action-based model of dissonance. <i>European Journal of Social Psychology</i> , 2008, 38, 35-45.	1.5	42

#	ARTICLE	IF	CITATIONS
19	Nucleus accumbens PKA inhibition blocks acquisition but enhances expression of amphetamine-produced conditioned activity in rats. <i>Psychopharmacology</i> , 2007, 190, 65-72.	1.5	17
20	Place preference induced by nucleus accumbens amphetamine is impaired by local blockade of Group II metabotropic glutamate receptors in rats. <i>BMC Neuroscience</i> , 2006, 7, 43.	0.8	10
21	Differential effects of calcineurin inhibition and protein kinase ϵ A activation on nucleus accumbens amphetamine-produced conditioned place preference in rats. <i>European Journal of Neuroscience</i> , 2005, 22, 697-705.	1.2	17
22	Dopamine-Glutamate Interactions in Reward-Related Incentive Learning. , 2005, , 319-354.		8
23	The role of signaling molecules in reward-related incentive learning. <i>Neurotoxicity Research</i> , 2004, 6, 91-103.	1.3	72
24	Place Preference Induced by Nucleus Accumbens Amphetamine Is Impaired by Antagonists of ERK or p38 MAP Kinases in Rats.. <i>Behavioral Neuroscience</i> , 2004, 118, 740-750.	0.6	117