Todor V Gerdjikov

List of Publications by Year
in descending order

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	A Major External Source of Cholinergic Innervation of the Striatum and Nucleus Accumbens Originates in the Brainstem. Journal of Neuroscience, 2014, 34, 4509-4518.	1.7	267
2	Extrinsic Sources of Cholinergic Innervation of the Striatal Complex: A Whole-Brain Mapping Analysis. Frontiers in Neuroanatomy, 2016, 10, 1.	0.9	128
3	The head-fixed behaving ratâ€"Procedures and pitfalls. Somatosensory & Motor Research, 2010, 27, 131-148.	0.4	123
4	Segregated cholinergic transmission modulates dopamine neurons integrated in distinct functional circuits. Nature Neuroscience, 2016, 19, 1025-1033.	7.1	122
5	Place Preference Induced by Nucleus Accumbens Amphetamine Is Impaired by Antagonists of ERK or p38 MAP Kinases in Rats.. Behavioral Neuroscience, 2004, 118, 740-750.	0.6	117
6	The role of signaling molecules in reward-related incentive learning. Neurotoxicity Research, 2004, 6, 91-103.	1.3	72
7	Discrimination of Vibrotactile Stimuli in the Rat Whisker System: Behavior and Neurometrics. Neuron, 2010, 65, 530-540.	3.8	65
8	Cholinergic midbrain afferents modulate striatal circuits and shape encoding of action strategies. Nature Communications, 2020, 11, 1739.	5.8	46
9	The effect of induced compliance on relative left frontal cortical activity: a test of the action-based model of dissonance. European Journal of Social Psychology, 2008, 38, 35-45.	1.5	42
10	Rhythmic Whisking Area (RW) in Rat Primary Motor Cortex: An Internal Monitor of Movement-Related Signals?. Journal of Neuroscience, 2013, 33, 14193-14204.	1.7	27
11	Thalamic inputs to dorsomedial striatum are involved in inhibitory control: evidence from the five-choice serial reaction time task in rats. Psychopharmacology, 2017, 234, 2399-2407.	1.5	20
12	Differential effects of calcineurin inhibition and protein kinaseâ€ƒA activation on nucleus accumbens amphetamine-produced conditioned place preference in rats. European Journal of Neuroscience, 2005, 22, 697-705.	1.2	17
13	Nucleus accumbens PKA inhibition blocks acquisition but enhances expression of amphetamine-produced conditioned activity in rats. Psychopharmacology, 2007, 190, 65-72.	1.5	17
14	Altered cortico-striatal crosstalk underlies object recognition memory deficits in the sub-chronic phencyclidine model of schizophrenia. Brain Structure and Function, 2017, 222, 3179-3190.	1.2	15
15	Disruption of medial prefrontal synchrony in the subchronic phencyclidine model of schizophrenia in rats. Neuroscience, 2015, 287, 157-163.	1.1	11
16	Place preference induced by nucleus accumbens amphetamine is impaired by local blockade of Group II metabotropic glutamate receptors in rats. BMC Neuroscience, 2006, 7, 43.	0.8	10
17	Synchronization in the prefrontalâ€"striatal circuit tracks behavioural choice in a goâ€"noâ€go task in rats. European Journal of Neuroscience, 2019, 49, 701-711.	1.2	8
18	Dopamine-Glutamate Interactions in Reward-Related Incentive Learning. , 2005, , 319-354.		8

#	Article	IF	Citations
19	Amphetamine-induced enhancement of responding for conditioned reward in rats: interactions with repeated testing. Psychopharmacology, 2011, 214, 891-899.	1.5	6
20	Populations of striatal medium spiny neurons encode vibrotactile frequency in rats: modulation by slow wave oscillations. Journal of Neurophysiology, 2013, 109, 315-320.	0.9	6
21	Global Tactile Coding in Rat Barrel Cortex in the Absence of Local Cues. Cerebral Cortex, 2018, 28, 2015-2027.	1.6	6
22	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. Neuropharmacology, 2021, 186, 108454.	2.0	2
23	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. Journal of Cognitive Neuroscience, 2018, 30, 42-49.	1.1	1
24	Two variations and one similarity in memory functions deployed by mice and humans to support foraging. Quarterly Journal of Experimental Psychology, 2022, 75, 245-259.	0.6	1