

John C Talpos

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,368
citations

361413

20
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	Can SARS-CoV-2 infect the central nervous system via the olfactory bulb or the blood-brain barrier?. Brain, Behavior, and Immunity, 2021, 95, 7-14.	4.1	59
2	Genotoxicity evaluation using primary hepatocytes isolated from rhesus macaque (<i>Macaca mulatta</i>). Toxicology, 2021, 462, 152936.	4.2	2
3	This is your teen brain on drugs: In search of biological factors unique to dependence toxicity in adolescence. Neurotoxicology and Teratology, 2020, 81, 106916.	2.4	17
4	Regions of the basal ganglia and primary olfactory system are most sensitive to neurodegeneration after extended sevoflurane anesthesia in the perinatal rat. Neurotoxicology and Teratology, 2020, 80, 106890.	2.4	2
5	Acetyl-L-carnitine does not prevent neurodegeneration in a rodent model of prolonged neonatal anesthesia. Neurotoxicology and Teratology, 2020, 80, 106891.	2.4	3
6	Early life exposure to extended general anesthesia with isoflurane and nitrous oxide reduces responsiveness on a cognitive test battery in the nonhuman primate. NeuroToxicology, 2019, 70, 80-90.	3.0	33
7	Sevoflurane exposure has minimal effect on cognitive function and does not alter microglial activation in adult monkeys. NeuroToxicology, 2019, 71, 159-167.	3.0	16
8	Automated Assessment of Cognitive Function in Nonhuman Primates. , 2018, , 321-328.		0
9	Determining the Validity of Preclinical Behavioral Assessments for Extrapolation to a Clinical Setting. , 2018, , 329-336.		0
10	Symptomatic thinking: the current state of Phase III and IV clinical trials for cognition in schizophrenia. Drug Discovery Today, 2017, 22, 1017-1026.	6.4	12
11	Evaluating aged mice in three touchscreen tests that differ in visual demands: Impaired cognitive function and impaired visual abilities. Behavioural Brain Research, 2017, 333, 142-149.	2.2	14
12	Do wholes become more than the sum of their parts in the rodent (<i>Rattus Norvegicus</i>) visual system? A test case with the configural superiority effect. European Journal of Neuroscience, 2016, 44, 2593-2599.	2.6	3
13	Executive Function. Handbook of Experimental Pharmacology, 2015, 228, 191-213.	1.8	21
14	MK-801 and amphetamine result in dissociable profiles of cognitive impairment in a rodent paired associates learning task with relevance for schizophrenia. Psychopharmacology, 2015, 232, 3911-3920.	3.1	15
15	Strain-dependent effects on acquisition and reversal of visual and spatial tasks in a rat touchscreen battery of cognition. Physiology and Behavior, 2015, 144, 26-36.	2.1	36
16	Dissociable effects of NR2A and NR2B NMDA receptor antagonism on cognitive flexibility but not pattern separation. Psychopharmacology, 2015, 232, 3991-4003.	3.1	30
17	The subchronic phencyclidine rat model: relevance for the assessment of novel therapeutics for cognitive impairment associated with schizophrenia. Psychopharmacology, 2015, 232, 4059-4083.	3.1	36
18	Biased mGlu 5 -Positive Allosteric Modulators Provide In Vivo Efficacy without Potentiating mGlu 5 Modulation of NMDAR Currents. Neuron, 2015, 86, 1029-1040.	8.1	121

#	ARTICLE	IF	CITATIONS
19	Opposing effects of glutamatergic and GABAergic pharmacological manipulations on a visual perception task with relevance to schizophrenia. <i>Psychopharmacology</i> , 2015, 232, 3967-3976.	3.1	7
20	Re-evaluating the PCP challenge as a pre-clinical model of impaired cognitive flexibility in schizophrenia. <i>European Neuropsychopharmacology</i> , 2014, 24, 1836-1849.	0.7	24
21	Assessing behavioural and cognitive domains of autism spectrum disorders in rodents: current status and future perspectives. <i>Psychopharmacology</i> , 2014, 231, 1125-1146.	3.1	111
22	A touch-screen based paired-associates learning (PAL) task for the rat may provide a translatable pharmacological model of human cognitive impairment. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 97-106.	2.9	41
23	Translational Research in Drug Discovery. , 2014, , 1-6.		0
24	Animal models and measures of perceptual processing in Schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2092-2098.	6.1	34
25	Animal models of working memory: A review of tasks that might be used in screening drug treatments for the memory impairments found in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2111-2124.	6.1	107
26	Touching on translation. <i>Cell and Tissue Research</i> , 2013, 354, 297-308.	2.9	43
27	NMDA receptors, cognition and schizophrenia – Testing the validity of the NMDA receptor hypofunction hypothesis. <i>Neuropharmacology</i> , 2012, 62, 1401-1412.	4.1	165
28	Severe Cross-Modal Object Recognition Deficits in Rats Treated Sub-Chronically with NMDA Receptor Antagonists are Reversed by Systemic Nicotine: Implications for Abnormal Multisensory Integration in Schizophrenia. <i>Neuropsychopharmacology</i> , 2012, 37, 2322-2331.	5.4	38
29	The pharmacological sensitivity of a touchscreen-based visual discrimination task in the rat using simple and perceptually challenging stimuli. <i>Psychopharmacology</i> , 2012, 221, 437-449.	3.1	43
30	Trial-unique, delayed nonmatching-to-location (TUNL): A novel, highly hippocampus-dependent automated touchscreen test of location memory and pattern separation. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 341-352.	1.9	97
31	A novel touchscreen-automated paired-associate learning (PAL) task sensitive to pharmacological manipulation of the hippocampus: a translational rodent model of cognitive impairments in neurodegenerative disease. <i>Psychopharmacology</i> , 2009, 205, 157-168.	3.1	105
32	Hippocampal lesions in rats impair learning and memory for locations on a touch-sensitive computer screen: The ‘ASAT’ task. <i>Behavioural Brain Research</i> , 2008, 192, 216-225.	2.2	37
33	A comparison of multiple 5-HT receptors in two tasks measuring impulsivity. <i>Journal of Psychopharmacology</i> , 2006, 20, 47-58.	4.0	96