Svetlana Semenova

List of Publications by Year
in descending order

57 papers	2,198 citations	159358 30 h-index	243296 44 g-index
57 all docs	57 docs citations	57 times ranked	2379 citing authors

#	Article	IF	Citations
1	Sex differences and Tat expression affect dopaminergic receptor expression and response to antioxidant treatment in methamphetamine-sensitized HIV Tat transgenic mice. Neuropharmacology, 2020, 178, 108245.	2.0	6
2	Systems Biology Analysis of the Antagonizing Effects of HIV-1 Tat Expression in the Brain over Transcriptional Changes Caused by Methamphetamine Sensitization. Viruses, 2020, 12, 426.	1.5	7
3	Brain Reward Function after Chronic and Binge Methamphetamine Regimens in Mice Expressing the HIV-1 TAT Protein. Current HIV Research, 2019, 17, 126-133.	0.2	8
4	Effects of HIV-1 TAT protein and methamphetamine exposure on visual discrimination and executive function in mice. Behavioural Brain Research, 2018, 349, 73-79.	1.2	17
5	Metabotropic Glutamate Receptor 5 as a Target for the Treatment of Depression and Smoking: Robust Preclinical Data but Inconclusive Clinical Efficacy. Biological Psychiatry, 2018, 83, 955-962.	0.7	25
6	Modeling human methamphetamine use patterns in mice: chronic and binge methamphetamine exposure, reward function and neurochemistry. Addiction Biology, 2018, 23, 206-218.	1.4	31
7	Effects of adolescent alcohol exposure on stress-induced reward deficits, brain CRF, monoamines and glutamate in adult rats. Psychopharmacology, 2018, 235, 737-747.	1.5	21
8	Embryonic exposure to valproic acid affects the histaminergic system and the social behaviour of adult zebrafish (<scp>Danio rerio</scp>). British Journal of Pharmacology, 2018, 175, 797-809.	2.7	46
9	Dopamine and its receptors play a role in the modulation of CCR5 expression in innate immune cells following exposure to Methamphetamine: Implications to HIV infection. PLoS ONE, 2018, 13, e0199861.	1.1	32
10	Differential effects of withdrawal from intermittent and continuous nicotine exposure on reward deficit and somatic aspects of nicotine withdrawal and expression of Î±4Î²2* nAChRs in Wistar male rats. Pharmacology Biochemistry and Behavior, 2018, 171, 54-65.	1.3	13
11	Effects of early life stress and adolescent ethanol exposure on adult cognitive performance in the 5-choice serial reaction time task in Wistar male rats. Psychopharmacology, 2017, 234, 1549-1556.	1.5	19
12	HIV-1 TAT protein enhances sensitization to methamphetamine by affecting dopaminergic function. Brain, Behavior, and Immunity, 2017, 65, 210-221.	2.0	47
13	The Psychiatric Impact of HIV. ACS Chemical Neuroscience, 2017, 8, 1432-1434.	1.7	34
14	Astrocyte-specific overexpressed gene signatures in response to methamphetamine exposure in vitro. Journal of Neuroinflammation, 2017, 14, 49.	3.1	34
15	The effects of reduced dopamine transporter function and chronic lithium on motivation, probabilistic learning, and neurochemistry in mice: Modeling bipolar mania. Neuropharmacology, 2017, 113, 260-270.	2.0	28
16	Adolescent alcohol exposure decreased sensitivity to nicotine in adult Wistar rats. Addiction Biology, 2016, 21, 826-834.	1.4	15
17	Risky choice and brain CRF after adolescent ethanol vapor exposure and social stress in adulthood. Behavioural Brain Research, 2016, 311, 160-166.	1.2	18
18	Effects of HIV/TAT protein expression and chronic selegiline treatment on spatial memory, reversal learning and neurotransmitter levels in mice. Behavioural Brain Research, 2016, 311, 131-140.	1.2	28

#	Article	IF	Citations
19	The effects of HIV-1 regulatory TAT protein expression on brain reward function, response to psychostimulants and delay-dependent memory in mice. Neuropharmacology, 2016, 109, 205-215.	2.0	47
20	Microstructural changes to the brain of mice after methamphetamine exposure as identified with diffusion tensor imaging. Psychiatry Research - Neuroimaging, 2016, 249, 27-37.	0.9	7
21	Spatial Cognition in Adult and Aged Mice Exposed to High-Fat Diet. PLoS ONE, 2015, 10, e0140034.	1.1	59
22	Methamphetamine Exposure Combined with HIV-1 Disease or gp120 Expression: Comparison of Learning and Executive Functions in Humans and Mice. Neuropsychopharmacology, 2015, 40, 1899-1909.	2.8	42
23	Cognitive deficits associated with combined HIV gp120 expression and chronic methamphetamine exposure in mice. European Neuropsychopharmacology, 2015, 25, 141-150.	0.3	37
24	Adolescent Intermittent Ethanol Exposure Is Associated with Increased Risky Choice and Decreased Dopaminergic and Cholinergic Neuron Markers in Adult Rats. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	59
25	Expression of <scp>HIV</scp> gp120 protein increases sensitivity to the rewarding properties of methamphetamine in mice. Addiction Biology, 2014, 19, 593-605.	1.4	23
26	Involvement of glutamatergic and GABAergic systems in nicotine dependence: Implications for novel pharmacotherapies for smoking cessation. Neuropharmacology, 2014, 76, 554-565.	2.0	63
27	Adolescent intermittent ethanol exposure diminishes anhedonia during ethanol withdrawal in adulthood. European Neuropsychopharmacology, 2014, 24, 856-864.	0.3	16
28	Baseline impulsive choice predicts the effects of nicotine and nicotine withdrawal on impulsivity in rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 6-13.	2.5	32
29	Impulsive choice and anxiety-like behavior in adult rats exposed to chronic intermittent ethanol during adolescence and adulthood. Behavioural Brain Research, 2014, 266, 19-28.	1.2	39
30	Long-Term Effects of Chronic Intermittent Ethanol Exposure in Adolescent and Adult Rats: Radial-Arm Maze Performance and Operant Food Reinforced Responding. PLoS ONE, 2013, 8, e62940.	1.1	65
31	Mice Lacking the Î²4 Subunit of the Nicotinic Acetylcholine Receptor Show Memory Deficits, Altered Anxiety- and Depression-Like Behavior, and Diminished Nicotine-Induced Analgesia. Nicotine and Tobacco Research, 2012, 14, 1346-1355.	1.4	25
32	Orally Active Metabotropic Glutamate Subtype 2 Receptor Positive Allosteric Modulators: Structureâ€“Activity Relationships and Assessment in a Rat Model of Nicotine Dependence. Journal of Medicinal Chemistry, 2012, 55, 9434-9445.	2.9	23
33	Attention, impulsivity, and cognitive flexibility in adult male rats exposed to ethanol binge during adolescence as measured in the five-choice serial reaction time task: the effects of task and ethanol challenges. Psychopharmacology, 2012, 219, 433-442.	1.5	43
34	Design and Synthesis of an Orally Active Metabotropic Glutamate Receptor Subtype-2 (mGluR2) Positive Allosteric Modulator (PAM) That Decreases Cocaine Self-Administration in Rats. Journal of Medicinal Chemistry, 2011, 54, 342-353.	2.9	44
35	Somatostatin-28 modulates prepulse inhibition of the acoustic startle response, reward processes and spontaneous locomotor activity in rats. Neuropeptides, 2010, 44, 421-429.	0.9	7
36	The mGluR2 Positive Allosteric Modulator BINA Decreases Cocaine Self-Administration and Cue-Induced Cocaine-Seeking and Counteracts Cocaine-Induced Enhancement of Brain Reward Function in Rats. Neuropsychopharmacology, 2010, 35, 2021-2036.	2.8	72

#	Article	IF	Citations
37	The Î±2 adrenergic receptor antagonist idazoxan, but not the serotonin-2A receptor antagonist M100907, partially attenuated reward deficits associated with nicotine, but not amphetamine, withdrawal in rats. European Neuropsychopharmacology, 2010, 20, 731-746.	0.3	22
38	Metabotropic Glutamate Receptors as Targets for the Treatment of Drug and Alcohol Dependence. , 2010, , 133-156.		0
39	Clozapine attenuates disruptions in response inhibition and task efficiency induced by repeated phencyclidine administration in the intracranial self-stimulation procedure. European Journal of Pharmacology, 2009, 602, 78-84.	1.7	19
40	The effects of chronic versus acute desipramine on nicotine withdrawal and nicotine self-administration in the rat. Psychopharmacology, 2008, 198, 351-362.	1.5	26
41	Inactivation of the 5-HT7 Receptor Partially Blocks Phencyclidine-Induced Disruption of Prepulse Inhibition. Biological Psychiatry, 2008, 63, 98-105.	0.7	50
42	Affective and somatic aspects of spontaneous and precipitated nicotine withdrawal in C57BL/6J and BALB/cByJ mice. Neuropharmacology, 2008, 54, 1223-1232.	2.0	80
43	The effects of the mGluR5 antagonist MPEP and the mGluR2/3 antagonist LY341495 on rats' performance in the 5-choice serial reaction time task. Neuropharmacology, 2007, 52, 863-872.	2.0	41
44	Chronic nicotine administration improves attention while nicotine withdrawal induces performance deficits in the 5-choice serial reaction time task in rats. Pharmacology Biochemistry and Behavior, 2007, 87, 360-368.	1.3	94
45	Cognitive-disruptive effects of the psychotomimetic phencyclidine and attenuation by atypical antipsychotic medications in rats. Psychopharmacology, 2007, 193, 521-537.	1.5	104
46	Mild anxiogenic effects of nicotine withdrawal in mice. European Journal of Pharmacology, 2005, 516, 40-45.	1.7	32
47	Active immunisation against nicotine blocks the reward facilitating effects of nicotine and partially prevents nicotine withdrawal in the rat as measured by dopamine output in the nucleus accumbens, brain reward thresholds and somatic signs. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 372, 182-194.	1.4	18
48	Role of Î³-Aminobutyric Acid (GABA) and Metabotropic Glutamate Receptors in Nicotine Reinforcement: Potential Pharmacotherapies for Smoking Cessation. Annals of the New York Academy of Sciences, 2004, 1025, 491-503.	1.8	57
49	Cocaine-seeking behavior after extended cocaine-free periods in rats: role of conditioned stimuli. Psychopharmacology, 2003, 168, 192-200.	1.5	19
50	The mGluR5 antagonist MPEP decreased nicotine self-administration in rats and mice. Psychopharmacology, 2003, 167, 257-264.	1.5	204
51	Decreased prepulse inhibition during nicotine withdrawal in DBA/2J mice is reversed by nicotine self-administration. European Journal of Pharmacology, 2003, 472, 99-110.	1.7	31
52	Clozapine treatment attenuated somatic and affective signs of nicotine and amphetamine withdrawal in subsets of rats exhibiting hyposensitivity to the initial effects of clozapine. Biological Psychiatry, 2003, 54, 1249-1264.	0.7	34
53	Low-affinity NMDA receptor channel blockers inhibit acquisition of intravenous morphine self-administration in naive mice. European Journal of Pharmacology, 1999, 378, 1-8.	1.7	45
54	Effects of calcium channel blockade on intravenous self-administration of ethanol in rats. European Neuropsychopharmacology, 1999, 9, 197-203.	0.3	24

#	Article	IF	Citations
55	Î¹-Opioid receptor agonist U50,488H modulates cocaine and morphine self-administration in drug-naive rats and mice. European Journal of Pharmacology, 1997, 321, 265-271.	1.7	101
56	Enhancement of morphine self-administration in drug naive, inbred strains of mice by acute emotional stress. European Neuropsychopharmacology, 1996, 6, 63-68.	0.3	34
57	Modulation of cocaine intravenous self-administration in drug-naive animals by dihydropyridine Ca2+ channel modulators. European Journal of Pharmacology, 1996, 295, 19-25.	1.7	31