

# Svetlana Semenova

## List of Publications by Year in descending order

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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	The mGluR5 antagonist MPEP decreased nicotine self-administration in rats and mice. <i>Psychopharmacology</i> , 2003, 167, 257-264.	1.5	204
2	Cognitive-disruptive effects of the psychotomimetic phencyclidine and attenuation by atypical antipsychotic medications in rats. <i>Psychopharmacology</i> , 2007, 193, 521-537.	1.5	104
3	Î <sup>o</sup> -Opioid receptor agonist U50,488H modulates cocaine and morphine self-administration in drug-naive rats and mice. <i>European Journal of Pharmacology</i> , 1997, 321, 265-271.	1.7	101
4	Chronic nicotine administration improves attention while nicotine withdrawal induces performance deficits in the 5-choice serial reaction time task in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 87, 360-368.	1.3	94
5	Affective and somatic aspects of spontaneous and precipitated nicotine withdrawal in C57BL/6J and BALB/cByJ mice. <i>Neuropharmacology</i> , 2008, 54, 1223-1232.	2.0	80
6	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. <i>Neuropsychopharmacology</i> , 2010, 35, 2021-2036.	2.8	72
7	Long-Term Effects of Chronic Intermittent Ethanol Exposure in Adolescent and Adult Rats: Radial-Arm Maze Performance and Operant Food Reinforced Responding. <i>PLoS ONE</i> , 2013, 8, e62940.	1.1	65
8	Involvement of glutamatergic and GABAergic systems in nicotine dependence: Implications for novel pharmacotherapies for smoking cessation. <i>Neuropharmacology</i> , 2014, 76, 554-565.	2.0	63
9	Spatial Cognition in Adult and Aged Mice Exposed to High-Fat Diet. <i>PLoS ONE</i> , 2015, 10, e0140034.	1.1	59
10	Adolescent Intermittent Ethanol Exposure Is Associated with Increased Risky Choice and Decreased Dopaminergic and Cholinergic Neuron Markers in Adult Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	59
11	Role of Î <sup>3</sup> -Aminobutyric Acid (GABA) and Metabotropic Glutamate Receptors in Nicotine Reinforcement: Potential Pharmacotherapies for Smoking Cessation. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 491-503.	1.8	57
12	Inactivation of the 5-HT <sub>7</sub> Receptor Partially Blocks Phencyclidine-Induced Disruption of Prepulse Inhibition. <i>Biological Psychiatry</i> , 2008, 63, 98-105.	0.7	50
13	The effects of HIV-1 regulatory TAT protein expression on brain reward function, response to psychostimulants and delay-dependent memory in mice. <i>Neuropharmacology</i> , 2016, 109, 205-215.	2.0	47
14	HIV-1 TAT protein enhances sensitization to methamphetamine by affecting dopaminergic function. <i>Brain, Behavior, and Immunity</i> , 2017, 65, 210-221.	2.0	47
15	Embryonic exposure to valproic acid affects the histaminergic system and the social behaviour of adult zebrafish ( <i>Danio rerio</i> ). <i>British Journal of Pharmacology</i> , 2018, 175, 797-809.	2.7	46
16	Low-affinity NMDA receptor channel blockers inhibit acquisition of intravenous morphine self-administration in naive mice. <i>European Journal of Pharmacology</i> , 1999, 378, 1-8.	1.7	45
17	Design and Synthesis of an Orally Active Metabotropic Glutamate Receptor Subtype-2 (mGluR2) Positive Allosteric Modulator (PAM) That Decreases Cocaine Self-Administration in Rats. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 342-353.	2.9	44
18	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. <i>Psychopharmacology</i> , 2012, 219, 433-442.	1.5	43

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19	Methamphetamine Exposure Combined with HIV-1 Disease or gp120 Expression: Comparison of Learning and Executive Functions in Humans and Mice. <i>Neuropsychopharmacology</i> , 2015, 40, 1899-1909.	2.8	42
20	The effects of the mGluR5 antagonist MPEP and the mGluR2/3 antagonist LY341495 on rats' performance in the 5-choice serial reaction time task. <i>Neuropharmacology</i> , 2007, 52, 863-872.	2.0	41
21	Impulsive choice and anxiety-like behavior in adult rats exposed to chronic intermittent ethanol during adolescence and adulthood. <i>Behavioural Brain Research</i> , 2014, 266, 19-28.	1.2	39
22	Cognitive deficits associated with combined HIV gp120 expression and chronic methamphetamine exposure in mice. <i>European Neuropsychopharmacology</i> , 2015, 25, 141-150.	0.3	37
23	Enhancement of morphine self-administration in drug naive, inbred strains of mice by acute emotional stress. <i>European Neuropsychopharmacology</i> , 1996, 6, 63-68.	0.3	34
24	Clozapine treatment attenuated somatic and affective signs of nicotine and amphetamine withdrawal in subsets of rats exhibiting hyposensitivity to the initial effects of clozapine. <i>Biological Psychiatry</i> , 2003, 54, 1249-1264.	0.7	34
25	The Psychiatric Impact of HIV. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1432-1434.	1.7	34
26	Astrocyte-specific overexpressed gene signatures in response to methamphetamine exposure in vitro. <i>Journal of Neuroinflammation</i> , 2017, 14, 49.	3.1	34
27	Mild anxiogenic effects of nicotine withdrawal in mice. <i>European Journal of Pharmacology</i> , 2005, 516, 40-45.	1.7	32
28	Baseline impulsive choice predicts the effects of nicotine and nicotine withdrawal on impulsivity in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 6-13.	2.5	32
29	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. <i>PLoS ONE</i> , 2018, 13, e0199861.	1.1	32
30	Modulation of cocaine intravenous self-administration in drug-naive animals by dihydropyridine Ca <sup>2+</sup> channel modulators. <i>European Journal of Pharmacology</i> , 1996, 295, 19-25.	1.7	31
31	Decreased prepulse inhibition during nicotine withdrawal in DBA/2J mice is reversed by nicotine self-administration. <i>European Journal of Pharmacology</i> , 2003, 472, 99-110.	1.7	31
32	Modeling human methamphetamine use patterns in mice: chronic and binge methamphetamine exposure, reward function and neurochemistry. <i>Addiction Biology</i> , 2018, 23, 206-218.	1.4	31
33	Effects of HIV/TAT protein expression and chronic selegiline treatment on spatial memory, reversal learning and neurotransmitter levels in mice. <i>Behavioural Brain Research</i> , 2016, 311, 131-140.	1.2	28
34	The effects of reduced dopamine transporter function and chronic lithium on motivation, probabilistic learning, and neurochemistry in mice: Modeling bipolar mania. <i>Neuropharmacology</i> , 2017, 113, 260-270.	2.0	28
35	The effects of chronic versus acute desipramine on nicotine withdrawal and nicotine self-administration in the rat. <i>Psychopharmacology</i> , 2008, 198, 351-362.	1.5	26
36	Mice Lacking the $\alpha 4$ Subunit of the Nicotinic Acetylcholine Receptor Show Memory Deficits, Altered Anxiety- and Depression-Like Behavior, and Diminished Nicotine-Induced Analgesia. <i>Nicotine and Tobacco Research</i> , 2012, 14, 1346-1355.	1.4	25

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37	Metabotropic Glutamate Receptor 5 as a Target for the Treatment of Depression and Smoking: Robust Preclinical Data but Inconclusive Clinical Efficacy. <i>Biological Psychiatry</i> , 2018, 83, 955-962.	0.7	25
38	Effects of calcium channel blockade on intravenous self-administration of ethanol in rats. <i>European Neuropsychopharmacology</i> , 1999, 9, 197-203.	0.3	24
39	Orally Active Metabotropic Glutamate Subtype 2 Receptor Positive Allosteric Modulators: Structure-Activity Relationships and Assessment in a Rat Model of Nicotine Dependence. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9434-9445.	2.9	23
40	Expression of HIV gp120 protein increases sensitivity to the rewarding properties of methamphetamine in mice. <i>Addiction Biology</i> , 2014, 19, 593-605.	1.4	23
41	The $\alpha 2$ 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. <i>European Neuropsychopharmacology</i> , 2010, 20, 731-746.	0.3	22
42	Effects of adolescent alcohol exposure on stress-induced reward deficits, brain CRF, monoamines and glutamate in adult rats. <i>Psychopharmacology</i> , 2018, 235, 737-747.	1.5	21
43	Cocaine-seeking behavior after extended cocaine-free periods in rats: role of conditioned stimuli. <i>Psychopharmacology</i> , 2003, 168, 192-200.	1.5	19
44	Clozapine attenuates disruptions in response inhibition and task efficiency induced by repeated phencyclidine administration in the intracranial self-stimulation procedure. <i>European Journal of Pharmacology</i> , 2009, 602, 78-84.	1.7	19
45	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. <i>Psychopharmacology</i> , 2017, 234, 1549-1556.	1.5	19
46	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. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005, 372, 182-194.	1.4	18
47	Risky choice and brain CRF after adolescent ethanol vapor exposure and social stress in adulthood. <i>Behavioural Brain Research</i> , 2016, 311, 160-166.	1.2	18
48	Effects of HIV-1 TAT protein and methamphetamine exposure on visual discrimination and executive function in mice. <i>Behavioural Brain Research</i> , 2018, 349, 73-79.	1.2	17
49	Adolescent intermittent ethanol exposure diminishes anhedonia during ethanol withdrawal in adulthood. <i>European Neuropsychopharmacology</i> , 2014, 24, 856-864.	0.3	16
50	Adolescent alcohol exposure decreased sensitivity to nicotine in adult Wistar rats. <i>Addiction Biology</i> , 2016, 21, 826-834.	1.4	15
51	Differential effects of withdrawal from intermittent and continuous nicotine exposure on reward deficit and somatic aspects of nicotine withdrawal and expression of $\alpha 2^*$ nAChRs in Wistar male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 171, 54-65.	1.3	13
52	Brain Reward Function after Chronic and Binge Methamphetamine Regimens in Mice Expressing the HIV-1 TAT Protein. <i>Current HIV Research</i> , 2019, 17, 126-133.	0.2	8
53	Somatostatin-28 modulates prepulse inhibition of the acoustic startle response, reward processes and spontaneous locomotor activity in rats. <i>Neuropeptides</i> , 2010, 44, 421-429.	0.9	7
54	Microstructural changes to the brain of mice after methamphetamine exposure as identified with diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2016, 249, 27-37.	0.9	7

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55	Systems Biology Analysis of the Antagonizing Effects of HIV-1 Tat Expression in the Brain over Transcriptional Changes Caused by Methamphetamine Sensitization. <i>Viruses</i> , 2020, 12, 426.	1.5	7
56	Sex differences and Tat expression affect dopaminergic receptor expression and response to antioxidant treatment in methamphetamine-sensitized HIV Tat transgenic mice. <i>Neuropharmacology</i> , 2020, 178, 108245.	2.0	6
57	Metabotropic Glutamate Receptors as Targets for the Treatment of Drug and Alcohol Dependence. , 2010, , 133-156.		0