

Jennifer M Bossert

List of Publications by Year in descending order

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64
papers

7,162
citations

57758

44
h-index

110387

64
g-index

65
all docs

65
docs citations

65
times ranked

4176
citing authors

#	ARTICLE	IF	CITATIONS
1	Context-induced relapse to drug seeking: a review. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3233-3243.	4.0	439
2	Central amygdala ERK signaling pathway is critical to incubation of cocaine craving. <i>Nature Neuroscience</i> , 2005, 8, 212-219.	14.8	412
3	The reinstatement model of drug relapse: recent neurobiological findings, emerging research topics, and translational research. <i>Psychopharmacology</i> , 2013, 229, 453-476.	3.1	386
4	Differential Effects of Blockade of Dopamine D ₁ -Family Receptors in Nucleus Accumbens Core or Shell on Reinstatement of Heroin Seeking Induced by Contextual and Discrete Cues. <i>Journal of Neuroscience</i> , 2007, 27, 12655-12663.	3.6	270
5	A Single Infusion of Brain-Derived Neurotrophic Factor into the Ventral Tegmental Area Induces Long-Lasting Potentiation of Cocaine Seeking after Withdrawal. <i>Journal of Neuroscience</i> , 2004, 24, 1604-1611.	3.6	263
6	The anxiogenic drug yohimbine reinstates methamphetamine seeking in a rat model of drug relapse. <i>Biological Psychiatry</i> , 2004, 55, 1082-1089.	1.3	261
7	Ventral medial prefrontal cortex neuronal ensembles mediate context-induced relapse to heroin. <i>Nature Neuroscience</i> , 2011, 14, 420-422.	14.8	258
8	Neurobiology of relapse to heroin and cocaine seeking: An update and clinical implications. <i>European Journal of Pharmacology</i> , 2005, 526, 36-50.	3.5	237
9	Targeted disruption of cocaine-activated nucleus accumbens neurons prevents context-specific sensitization. <i>Nature Neuroscience</i> , 2009, 12, 1069-1073.	14.8	230
10	A Role of Ventral Tegmental Area Glutamate in Contextual Cue-Induced Relapse to Heroin Seeking. <i>Journal of Neuroscience</i> , 2004, 24, 10726-10730.	3.6	229
11	Activation of Group II Metabotropic Glutamate Receptors in the Nucleus Accumbens Shell Attenuates Context-Induced Relapse to Heroin Seeking. <i>Neuropsychopharmacology</i> , 2006, 31, 2197-2209.	5.4	216
12	New technologies for examining the role of neuronal ensembles in drug addiction and fear. <i>Nature Reviews Neuroscience</i> , 2013, 14, 743-754.	10.2	215
13	Role of Projections from Ventral Medial Prefrontal Cortex to Nucleus Accumbens Shell in Context-Induced Reinstatement of Heroin Seeking. <i>Journal of Neuroscience</i> , 2012, 32, 4982-4991.	3.6	210
14	Role of ventral medial prefrontal cortex in incubation of cocaine craving. <i>Neuropharmacology</i> , 2009, 56, 177-185.	4.1	207
15	Systemic and Central Amygdala Injections of the mGluR2/3 Agonist LY379268 Attenuate the Expression of Incubation of Cocaine Craving. <i>Biological Psychiatry</i> , 2007, 61, 591-598.	1.3	190
16	The Central Amygdala Nucleus is Critical for Incubation of Methamphetamine Craving. <i>Neuropsychopharmacology</i> , 2015, 40, 1297-1306.	5.4	145
17	The Anterior Insular Cortex's Central Amygdala Glutamatergic Pathway Is Critical to Relapse after Contingency Management. <i>Neuron</i> , 2017, 96, 414-427.e8.	8.1	136
18	Role of Nucleus Accumbens Shell Neuronal Ensembles in Context-Induced Reinstatement of Cocaine-Seeking. <i>Journal of Neuroscience</i> , 2014, 34, 7437-7446.	3.6	130

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19	Effect of the Novel Positive Allosteric Modulator of Metabotropic Glutamate Receptor 2 AZD8529 on Incubation of Methamphetamine Craving After Prolonged Voluntary Abstinence in a Rat Model. <i>Biological Psychiatry</i> , 2015, 78, 463-473.	1.3	122
20	Role of Dorsomedial Striatum Neuronal Ensembles in Incubation of Methamphetamine Craving after Voluntary Abstinence. <i>Journal of Neuroscience</i> , 2017, 37, 1014-1027.	3.6	121
21	Role of Orbitofrontal Cortex Neuronal Ensembles in the Expression of Incubation of Heroin Craving. <i>Journal of Neuroscience</i> , 2012, 32, 11600-11609.	3.6	116
22	Incubation of Methamphetamine Craving Is Associated with Selective Increases in Expression of <i>Bdnf</i> and <i>Trkb</i> , Glutamate Receptors, and Epigenetic Enzymes in Cue-Activated Fos-Expressing Dorsal Striatal Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 8232-8244.	3.6	115
23	Relapse to opioid seeking in rat models: behavior, pharmacology and circuits. <i>Neuropsychopharmacology</i> , 2019, 44, 465-477.	5.4	112
24	Incubation of Methamphetamine and Palatable Food Craving after Punishment-Induced Abstinence. <i>Neuropsychopharmacology</i> , 2014, 39, 2008-2016.	5.4	107
25	Effect of Chronic Delivery of the Toll-like Receptor 4 Antagonist (+)-Naltrexone on Incubation of Heroin Craving. <i>Biological Psychiatry</i> , 2013, 73, 729-737.	1.3	106
26	Role of Ventral Subiculum in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. <i>Journal of Neuroscience</i> , 2016, 36, 3281-3294.	3.6	103
27	Distinct Fos-Expressing Neuronal Ensembles in the Ventromedial Prefrontal Cortex Mediate Food Reward and Extinction Memories. <i>Journal of Neuroscience</i> , 2016, 36, 6691-6703.	3.6	99
28	The novel mGluR2/3 agonist LY379268 attenuates cue-induced reinstatement of heroin seeking. <i>NeuroReport</i> , 2005, 16, 1013-1016.	1.2	88
29	FACS Identifies Unique Cocaine-Induced Gene Regulation in Selectively Activated Adult Striatal Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 4251-4259.	3.6	81
30	Role of Dorsal Medial Prefrontal Cortex Dopamine D1-Family Receptors in Relapse to High-Fat Food Seeking Induced by the Anxiogenic Drug Yohimbine. <i>Neuropsychopharmacology</i> , 2011, 36, 497-510.	5.4	80
31	Role of projections from ventral subiculum to nucleus accumbens shell in context-induced reinstatement of heroin seeking in rats. <i>Psychopharmacology</i> , 2016, 233, 1991-2004.	3.1	77
32	Context-Induced Reinstatement of Methamphetamine Seeking Is Associated with Unique Molecular Alterations in Fos-Expressing Dorsolateral Striatum Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 5625-5639.	3.6	76
33	Role of corticostriatal circuits in context-induced reinstatement of drug seeking. <i>Brain Research</i> , 2015, 1628, 219-232.	2.2	71
34	Role of Bed Nucleus of the Stria Terminalis Corticotrophin-Releasing Factor Receptors in Frustration Stress-Induced Binge-Like Palatable Food Consumption in Female Rats with a History of Food Restriction. <i>Journal of Neuroscience</i> , 2014, 34, 11316-11324.	3.6	69
35	The mGluR2/3 agonist LY379268 attenuates context- and discrete cue-induced reinstatement of sucrose seeking but not sucrose self-administration in rats. <i>Behavioural Brain Research</i> , 2006, 173, 148-152.	2.2	67
36	A Critical Role of Lateral Hypothalamus in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. <i>Journal of Neuroscience</i> , 2014, 34, 7447-7457.	3.6	66

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37	Role of Projections between Piriform Cortex and Orbitofrontal Cortex in Relapse to Fentanyl Seeking after Palatable Food Choice-Induced Voluntary Abstinence. <i>Journal of Neuroscience</i> , 2020, 40, 2485-2497.	3.6	65
38	Optogenetic Inhibition of Dorsal Medial Prefrontal Cortex Attenuates Stress-Induced Reinstatement of Palatable Food Seeking in Female Rats. <i>Journal of Neuroscience</i> , 2013, 33, 214-226.	3.6	64
39	Role of dopamine D1-family receptors in dorsolateral striatum in context-induced reinstatement of heroin seeking in rats. <i>Psychopharmacology</i> , 2009, 206, 51-60.	3.1	62
40	Separate vmPFC Ensembles Control Cocaine Self-Administration Versus Extinction in Rats. <i>Journal of Neuroscience</i> , 2019, 39, 7394-7407.	3.6	61
41	Animal Models of Drug Relapse and Craving after Voluntary Abstinence: A Review. <i>Pharmacological Reviews</i> , 2021, 73, 1050-1083.	16.0	59
42	Behavioral and Physiological Effects of a Novel Kappa-Opioid Receptor-Based DREADD in Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 402-409.	5.4	56
43	Context-induced relapse after extinction versus punishment: similarities and differences. <i>Psychopharmacology</i> , 2019, 236, 439-448.	3.1	56
44	Endogenous GDNF in ventral tegmental area and nucleus accumbens does not play a role in the incubation of heroin craving. <i>Addiction Biology</i> , 2011, 16, 261-272.	2.6	52
45	Detection of molecular alterations in methamphetamine-activated Fos-expressing neurons from a single rat dorsal striatum using fluorescence-activated cell sorting (<sc>FACS</sc>). <i>Journal of Neurochemistry</i> , 2014, 128, 173-185.	3.9	48
46	Opposite Effects of Basolateral Amygdala Inactivation on Context-Induced Relapse to Cocaine Seeking after Extinction versus Punishment. <i>Journal of Neuroscience</i> , 2018, 38, 51-59.	3.6	47
47	Context-induced relapse to cocaine seeking after punishment-imposed abstinence is associated with activation of cortical and subcortical brain regions. <i>Addiction Biology</i> , 2018, 23, 699-712.	2.6	42
48	Bidirectional Modulation of Intrinsic Excitability in Rat Prelimbic Cortex Neuronal Ensembles and Non-Ensembles after Operant Learning. <i>Journal of Neuroscience</i> , 2017, 37, 8845-8856.	3.6	41
49	Role of mu, but not delta or kappa, opioid receptors in context-induced reinstatement of oxycodone seeking. <i>European Journal of Neuroscience</i> , 2019, 50, 2075-2085.	2.6	41
50	Role of ventral subiculum in context-induced reinstatement of heroin seeking in rats. <i>Addiction Biology</i> , 2014, 19, 338-342.	2.6	40
51	Incubation of extinction responding and cue-induced reinstatement, but not context- or drug priming-induced reinstatement, after withdrawal from methamphetamine. <i>Addiction Biology</i> , 2017, 22, 977-990.	2.6	39
52	Role of Dorsal Striatum Histone Deacetylase 5 in Incubation of Methamphetamine Craving. <i>Biological Psychiatry</i> , 2018, 84, 213-222.	1.3	34
53	Effect of the dopamine stabilizer (-)-OSU6162 on potentiated incubation of opioid craving after electric barrier-induced voluntary abstinence. <i>Neuropsychopharmacology</i> , 2020, 45, 770-779.	5.4	34
54	Role of Anterior Intralaminar Nuclei of Thalamus Projections to Dorsomedial Striatum in Incubation of Methamphetamine Craving. <i>Journal of Neuroscience</i> , 2018, 38, 2270-2282.	3.6	32

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55	In a Rat Model of Opioid Maintenance, the G Protein-Biased Mu Opioid Receptor Agonist TRV130 Decreases Relapse to Oxycodone Seeking and Taking and Prevents Oxycodone-Induced Brain Hypoxia. <i>Biological Psychiatry</i> , 2020, 88, 935-944.	1.3	30
56	Prelimbic cortex is a common brain area activated during cue-induced reinstatement of cocaine and heroin seeking in a polydrug self-administration rat model. <i>European Journal of Neuroscience</i> , 2019, 49, 165-178.	2.6	27
57	Fos-expressing neuronal ensemble in rat ventromedial prefrontal cortex encodes cocaine seeking but not food seeking in rats. <i>Addiction Biology</i> , 2021, 26, e12943.	2.6	25
58	Prior Exposure to Alcohol Has No Effect on Cocaine Self-Administration and Relapse in Rats: Evidence from a Rat Model that Does Not Support the Gateway Hypothesis. <i>Neuropsychopharmacology</i> , 2017, 42, 1001-1011.	5.4	23
59	Role of Dorsomedial Striatum Neuronal Ensembles in Incubation of Methamphetamine Craving after Voluntary Abstinence. <i>Journal of Neuroscience</i> , 2017, 37, 1014-1027.	3.6	23
60	Inactivation of the infralimbic cortex decreases discriminative stimulus-controlled relapse to cocaine seeking in rats. <i>Neuropsychopharmacology</i> , 2021, 46, 1969-1980.	5.4	15
61	Sex differences in the effect of chronic delivery of the buprenorphine analog BU08028 on heroin relapse and choice in a rat model of opioid maintenance. <i>British Journal of Pharmacology</i> , 2021, , .	5.4	15
62	Orbitofrontal cortex and dorsal striatum functional connectivity predicts incubation of opioid craving after voluntary abstinence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
63	Drug Onset Cues, Conditioned Withdrawal, and Drug Relapse: Comment on McDonald and Siegel (2004).. <i>Experimental and Clinical Psychopharmacology</i> , 2004, 12, 15-17.	1.8	3
64	Can anti-obesity drugs be repurposed to treat cocaine addiction?. <i>Neuropsychopharmacology</i> , 2018, 43, 1983-1984.	5.4	1