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187 papers	15,827 citations	63 h-index	123 g-index
210 ext. papers	17,598 ext. citations	6.9 avg, IF	6.7 L-index

#	Paper	IF	Citations
187	The mesolimbic dopamine reward circuit in depression. <i>Biological Psychiatry</i> , 2006 , 59, 1151-9	7.9	1472
186	The many faces of CREB. <i>Trends in Neurosciences</i> , 2005 , 28, 436-45	13.3	992
185	Mania-like behavior induced by disruption of CLOCK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6406-11	11.5	619
184	Expression of the transcription factor deltaFosB in the brain controls sensitivity to cocaine. <i>Nature</i> , 1999 , 401, 272-6	50.4	534
183	GTP cyclohydrolase and tetrahydrobiopterin regulate pain sensitivity and persistence. <i>Nature Medicine</i> , 2006 , 12, 1269-77	50.5	435
182	Altered responsiveness to cocaine and increased immobility in the forced swim test associated with elevated cAMP response element-binding protein expression in nucleus accumbens. <i>Journal of Neuroscience</i> , 2001 , 21, 7397-403	6.6	431
181	Biological substrates of reward and aversion: a nucleus accumbens activity hypothesis. <i>Neuropharmacology</i> , 2009 , 56 Suppl 1, 122-32	5.5	415
180	Antidepressant-like effects of kappa-opioid receptor antagonists in the forced swim test in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 305, 323-30	4.7	410
179	Long-term memory is facilitated by cAMP response element-binding protein overexpression in the amygdala. <i>Journal of Neuroscience</i> , 2001 , 21, 2404-12	6.6	364
178	Dynorphin, stress, and depression. <i>Brain Research</i> , 2010 , 1314, 56-73	3.7	309
177	Depressive-like effects of the kappa-opioid receptor agonist salvinorin A on behavior and neurochemistry in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 440-7	4.7	309
176	Rewarding actions of phencyclidine and related drugs in nucleus accumbens shell and frontal cortex. <i>Journal of Neuroscience</i> , 1996 , 16, 3112-22	6.6	304
175	Intracranial self-stimulation (ICSS) in rodents to study the neurobiology of motivation. <i>Nature Protocols</i> , 2007 , 2, 2987-95	18.8	283
174	Fear conditioning occludes LTP-induced presynaptic enhancement of synaptic transmission in the cortical pathway to the lateral amygdala. <i>Neuron</i> , 2002 , 34, 289-300	13.9	274
173	Altered responsiveness to cocaine in rats exposed to methylphenidate during development. <i>Nature Neuroscience</i> , 2002 , 5, 13-4	25.5	232
172	Elevated levels of GluR1 in the midbrain: a trigger for sensitization to drugs of abuse?. <i>Trends in Neurosciences</i> , 2002 , 25, 610-5	13.3	226
171	Effects of kappa-opioid receptor ligands on intracranial self-stimulation in rats. <i>Psychopharmacology</i> , 2004 , 172, 463-70	4.7	225

170	Enduring behavioral effects of early exposure to methylphenidate in rats. <i>Biological Psychiatry</i> , 2003 , 54, 1330-7	7.9	205
169	Essential role for TRPC5 in amygdala function and fear-related behavior. <i>Cell</i> , 2009 , 137, 761-72	56.2	202
168	Anxiolytic-like effects of kappa-opioid receptor antagonists in models of unlearned and learned fear in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 323, 838-45	4.7	196
167	Hypocretin (orexin) facilitates reward by attenuating the antireward effects of its cotransmitter dynorphin in ventral tegmental area. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1648-55	11.5	174
166	Role of kappa-opioid receptors in stress and anxiety-related behavior. <i>Psychopharmacology</i> , 2013 , 229, 435-52	4.7	172
165	Glutamate receptors in extinction and extinction-based therapies for psychiatric illness. <i>Neuropsychopharmacology</i> , 2011 , 36, 274-93	8.7	135
164	Role for GDNF in biochemical and behavioral adaptations to drugs of abuse. <i>Neuron</i> , 2000 , 26, 247-57	13.9	127
163	A high-efficiency synthetic promoter that drives transgene expression selectively in noradrenergic neurons. <i>Human Gene Therapy</i> , 2001 , 12, 1731-40	4.8	122
162	Development of μ opioid receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2178-95	8.3	120
161	Antidepressant-like effects of uridine and omega-3 fatty acids are potentiated by combined treatment in rats. <i>Biological Psychiatry</i> , 2005 , 57, 343-50	7.9	118
160	Effects of striatal FosB overexpression and ketamine on social defeat stress-induced anhedonia in mice. <i>Biological Psychiatry</i> , 2014 , 76, 550-8	7.9	115
159	NMDA receptors regulate nicotine-enhanced brain reward function and intravenous nicotine self-administration: role of the ventral tegmental area and central nucleus of the amygdala. <i>Neuropsychopharmacology</i> , 2009 , 34, 266-81	8.7	115
158	Behavioral methods to study anxiety in rodents. <i>Dialogues in Clinical Neuroscience</i> , 2017 , 19, 181-191	5.7	115
157	Kappa-opioid ligands in the study and treatment of mood disorders. <i>Pharmacology & Therapeutics</i> , 2009 , 123, 334-43	13.9	114
156	Blockade of kappa opioid receptors attenuates the development of depressive-like behaviors induced by cocaine withdrawal in rats. <i>Neuropharmacology</i> , 2012 , 62, 167-76	5.5	111
155	Use of herpes virus amplicon vectors to study brain disorders. <i>BioTechniques</i> , 2005 , 39, 381-91	2.5	108
154	Microinjections of phencyclidine (PCP) and related drugs into nucleus accumbens shell potentiate medial forebrain bundle brain stimulation reward. <i>Psychopharmacology</i> , 1996 , 128, 413-20	4.7	106
153	Blockade of astrocytic glutamate uptake in rats induces signs of anhedonia and impaired spatial memory. <i>Neuropsychopharmacology</i> , 2010 , 35, 2049-59	8.7	104

152	Elevated expression of 5-HT1B receptors in nucleus accumbens efferents sensitizes animals to cocaine. <i>Journal of Neuroscience</i> , 2002 , 22, 10856-63	6.6	104
151	Kappa opioid receptor signaling in the basolateral amygdala regulates conditioned fear and anxiety in rats. <i>Biological Psychiatry</i> , 2011 , 70, 425-33	7.9	103
150	Reward-aversion circuitry in analgesia and pain: implications for psychiatric disorders. <i>European Journal of Pain</i> , 2007 , 11, 7-20	3.7	96
149	Blockade of astrocytic glutamate uptake in the prefrontal cortex induces anhedonia. <i>Neuropsychopharmacology</i> , 2012 , 37, 2467-75	8.7	88
148	Duration of action of a broad range of selective μ -opioid receptor antagonists is positively correlated with c-Jun N-terminal kinase-1 activation. <i>Molecular Pharmacology</i> , 2011 , 80, 920-9	4.3	88
147	Self-stimulation and drug reward mechanisms. <i>Annals of the New York Academy of Sciences</i> , 1992 , 654, 192-8	6.5	87
146	Region-specific induction of deltaFosB by repeated administration of typical versus atypical antipsychotic drugs. <i>Synapse</i> , 1999 , 33, 118-28	2.4	84
145	Kappa-Opioid Antagonists for Psychiatric Disorders: From Bench to Clinical Trials. <i>Depression and Anxiety</i> , 2016 , 33, 895-906	8.4	83
144	Sensitivity of the five-choice serial reaction time task to the effects of various psychotropic drugs in Sprague-Dawley rats. <i>Biological Psychiatry</i> , 2007 , 62, 687-93	7.9	83
143	Distinct sites of opiate reward and aversion within the midbrain identified using a herpes simplex virus vector expressing GluR1. <i>Journal of Neuroscience</i> , 2000 , 20, RC62	6.6	82
142	Pathway- and Cell-Specific Kappa-Opioid Receptor Modulation of Excitation-Inhibition Balance Differentially Gates D1 and D2 Accumbens Neuron Activity. <i>Neuron</i> , 2017 , 93, 147-163	13.9	79
141	Altered sensitivity to rewarding and aversive drugs in mice with inducible disruption of cAMP response element-binding protein function within the nucleus accumbens. <i>Journal of Neuroscience</i> , 2009 , 29, 1855-9	6.6	79
140	Activation of CREB in the nucleus accumbens shell produces anhedonia and resistance to extinction of fear in rats. <i>Journal of Neuroscience</i> , 2011 , 31, 3095-103	6.6	79
139	Altered attention and prefrontal cortex gene expression in rats after binge-like exposure to cocaine during adolescence. <i>Journal of Neuroscience</i> , 2006 , 26, 9656-65	6.6	79
138	Understanding the neurobiological consequences of early exposure to psychotropic drugs: linking behavior with molecules. <i>Neuropharmacology</i> , 2004 , 47 Suppl 1, 47-60	5.5	78
137	Behavioral and anatomical interactions between dopamine and corticotropin-releasing factor in the rat. <i>Journal of Neuroscience</i> , 2006 , 26, 3855-63	6.6	77
136	Extinction of drug- and withdrawal-paired cues in animal models: relevance to the treatment of addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2010 , 35, 285-302	9	74
135	Early developmental exposure to methylphenidate reduces cocaine-induced potentiation of brain stimulation reward in rats. <i>Biological Psychiatry</i> , 2005 , 57, 120-5	7.9	74

134	Effects of pain- and analgesia-related manipulations on intracranial self-stimulation in rats: further studies on pain-depressed behavior. <i>Pain</i> , 2009 , 144, 170-7	8	73
133	Pain-related depression of the mesolimbic dopamine system in rats: expression, blockade by analgesics, and role of endogenous μ -opioids. <i>Neuropsychopharmacology</i> , 2014 , 39, 614-24	8.7	70
132	The kappa-opioid agonist U69,593 blocks cocaine-induced enhancement of brain stimulation reward. <i>Biological Psychiatry</i> , 2008 , 64, 982-8	7.9	70
131	Desipramine reduces stress-activated dynorphin expression and CREB phosphorylation in NAc tissue. <i>Molecular Pharmacology</i> , 2009 , 75, 704-12	4.3	69
130	Role of kappa-opioid receptors in the effects of salvinorin A and ketamine on attention in rats. <i>Psychopharmacology</i> , 2010 , 210, 263-74	4.7	67
129	MK-801 disrupts the expression but not the development of bromocriptine sensitization: a state-dependency interpretation. <i>Synapse</i> , 1995 , 20, 1-9	2.4	66
128	Long-acting μ -opioid antagonists nor-BNI, GNTI and JDTic: pharmacokinetics in mice and lipophilicity. <i>BMC Pharmacology</i> , 2012 , 12, 5		65
127	D-cycloserine effects on extinction of conditioned responses to drug-related cues. <i>Biological Psychiatry</i> , 2012 , 71, 947-55	7.9	65
126	Schizophrenia-like attentional deficits following blockade of prefrontal cortex GABAA receptors. <i>Neuropsychopharmacology</i> , 2011 , 36, 1703-13	8.7	65
125	Toward an immune-mediated subtype of autism spectrum disorder. <i>Brain Research</i> , 2015 , 1617, 72-92	3.7	63
124	Epinephrine: a short- and long-term regulator of stress and development of illness : a potential new role for epinephrine in stress. <i>Cellular and Molecular Neurobiology</i> , 2012 , 32, 737-48	4.6	63
123	Repeated exposure to the μ -opioid receptor agonist salvinorin A modulates extracellular signal-regulated kinase and reward sensitivity. <i>Biological Psychiatry</i> , 2011 , 70, 744-753	7.9	62
122	Antidepressant-like effects of cytidine in the forced swim test in rats. <i>Biological Psychiatry</i> , 2002 , 51, 882-9	7.9	62
121	The critical importance of basic animal research for neuropsychiatric disorders. <i>Neuropsychopharmacology</i> , 2019 , 44, 1349-1353	8.7	60
120	Behavioral and molecular effects of dopamine D1 receptor stimulation during naloxone-precipitated morphine withdrawal. <i>Journal of Neuroscience</i> , 2006 , 26, 6450-7	6.6	57
119	Synthesis and in vitro evaluation of salvinorin A analogues: effect of configuration at C(2) and substitution at C(18). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4679-85	2.9	56
118	Synthesis and in vitro pharmacological evaluation of salvinorin A analogues modified at C(2). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 2761-5	2.9	56
117	Brain reward regulated by AMPA receptor subunits in nucleus accumbens shell. <i>Journal of Neuroscience</i> , 2006 , 26, 11665-9	6.6	55

116	Learning and reconsolidation implicate different synaptic mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4798-803	11.5	54
115	Quantified Coexpression Analysis of Central Amygdala Subpopulations. <i>ENeuro</i> , 2018 , 5,	3.9	54
114	Effects of Chronic Social Defeat Stress on Sleep and Circadian Rhythms Are Mitigated by Kappa-Opioid Receptor Antagonism. <i>Journal of Neuroscience</i> , 2017 , 37, 7656-7668	6.6	53
113	Transient overexpression of alpha-Ca2+/calmodulin-dependent protein kinase II in the nucleus accumbens shell enhances behavioral responding to amphetamine. <i>Journal of Neuroscience</i> , 2010 , 30, 939-49	6.6	53
112	New neoclerodane diterpenoids isolated from the leaves of <i>Salvia divinorum</i> and their binding affinities for human kappa opioid receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 5635-9	3.4	53
111	Morphine-induced potentiation of brain stimulation reward is enhanced by MK-801. <i>Brain Research</i> , 1993 , 620, 339-42	3.7	53
110	Genetic analysis of behavioral, neuroendocrine, and biochemical parameters in inbred rodents: initial studies in Lewis and Fischer 344 rats and in A/J and C57BL/6J mice. <i>Brain Research</i> , 1998 , 805, 55-68	3.7	52
109	Sustained pain-related depression of behavior: effects of intraplantar formalin and complete freundB adjuvant on intracranial self-stimulation (ICSS) and endogenous kappa opioid biomarkers in rats. <i>Molecular Pain</i> , 2014 , 10, 62	3.4	51
108	Synthesis and in vitro pharmacological studies of new C(2) modified salvinorin A analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 3744-7	2.9	51
107	Standard protecting groups create potent and selective kappa opioids: salvinorin B alkoxymethyl ethers. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 1279-86	3.4	50
106	Activation of raphe efferents to the medial prefrontal cortex by corticotropin-releasing factor: correlation with anxiety-like behavior. <i>Biological Psychiatry</i> , 2008 , 63, 832-9	7.9	49
105	Exposure to the selective kappa-opioid receptor agonist salvinorin A modulates the behavioral and molecular effects of cocaine in rats. <i>Neuropsychopharmacology</i> , 2008 , 33, 2676-87	8.7	49
104	Effects of antipsychotic drugs on MK-801-induced attentional and motivational deficits in rats. <i>Neuropharmacology</i> , 2009 , 56, 788-97	5.5	48
103	Ablation of kappa-opioid receptors from brain dopamine neurons has anxiolytic-like effects and enhances cocaine-induced plasticity. <i>Neuropsychopharmacology</i> , 2013 , 38, 1585-97	8.7	47
102	Roles of nucleus accumbens CREB and dynorphin in dysregulation of motivation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013 , 3, a012005	5.4	47
101	The selective non-peptidic delta opioid agonist SNC80 does not facilitate intracranial self-stimulation in rats. <i>European Journal of Pharmacology</i> , 2009 , 604, 58-65	5.3	46
100	Maternal and early postnatal immune activation produce sex-specific effects on autism-like behaviors and neuroimmune function in mice. <i>Scientific Reports</i> , 2019 , 9, 16928	4.9	44
99	Coactivation of thalamic and cortical pathways induces input timing-dependent plasticity in amygdala. <i>Nature Neuroscience</i> , 2011 , 15, 113-22	25.5	44

98	D-cycloserine facilitates extinction of naloxone-induced conditioned place aversion in morphine-dependent rats. <i>Biological Psychiatry</i> , 2010 , 67, 85-7	7.9	44
97	8-epi-Salvinorin B: crystal structure and affinity at the kappa opioid receptor. <i>Beilstein Journal of Organic Chemistry</i> , 2007 , 3, 1	2.5	43
96	Corticotropin-releasing factor (CRF)-induced disruption of attention in rats is blocked by the μ -opioid receptor antagonist JDTic. <i>Neuropsychopharmacology</i> , 2012 , 37, 2809-16	8.7	42
95	Electroconvulsive seizures stimulate glial proliferation and reduce expression of Sprouty2 within the prefrontal cortex of rats. <i>Biological Psychiatry</i> , 2007 , 62, 505-12	7.9	42
94	Preclinical anxiolytic versus antipsychotic profiles of the 5-HT ₃ antagonists ondansetron, zacopride, 3- β -tropanyl-1H-indole-3-carboxylic acid ester, and 1- β , 3- β -tropan-3-yl-3,5-dichlorobenzoate. <i>Drug Development Research</i> , 1991 , 23, 289-300	5.1	42
93	Social defeat stress-induced sensitization and escalated cocaine self-administration: the role of ERK signaling in the rat ventral tegmental area. <i>Psychopharmacology</i> , 2015 , 232, 1555-69	4.7	41
92	CD-1 and Balb/cJ mice do not show enduring antidepressant-like effects of ketamine in tests of acute antidepressant efficacy. <i>Psychopharmacology</i> , 2011 , 215, 689-95	4.7	41
91	Dopamine-dependent increases in phosphorylation of cAMP response element binding protein (CREB) during precipitated morphine withdrawal in primary cultures of rat striatum. <i>Journal of Neurochemistry</i> , 2003 , 87, 107-18	6	41
90	Maternal and Early Postnatal Immune Activation Produce Dissociable Effects on Neurotransmission in mPFC-Amygdala Circuits. <i>Journal of Neuroscience</i> , 2018 , 38, 3358-3372	6.6	40
89	Blockade of the GLT-1 Transporter in the Central Nucleus of the Amygdala Induces both Anxiety and Depressive-Like Symptoms. <i>Neuropsychopharmacology</i> , 2015 , 40, 1700-8	8.7	40
88	Differential roles of GABA(A) receptor subtypes in benzodiazepine-induced enhancement of brain-stimulation reward. <i>Neuropsychopharmacology</i> , 2012 , 37, 2531-40	8.7	39
87	Social defeat disrupts reward learning and potentiates striatal nociceptin/orphanin FQ mRNA in rats. <i>Psychopharmacology</i> , 2017 , 234, 1603-1614	4.7	38
86	Antidepressant-like effects of cranial stimulation within a low-energy magnetic field in rats. <i>Biological Psychiatry</i> , 2005 , 57, 571-6	7.9	38
85	Pituitary adenylate cyclase-activating polypeptide induces postsynaptically expressed potentiation in the intra-amygdala circuit. <i>Journal of Neuroscience</i> , 2012 , 32, 14165-77	6.6	37
84	Stress-Induced Reinstatement of Nicotine Preference Requires Dynorphin/Kappa Opioid Activity in the Basolateral Amygdala. <i>Journal of Neuroscience</i> , 2016 , 36, 9937-48	6.6	36
83	Omega-3 fatty acid treatment, with or without cytidine, fails to show therapeutic properties in bipolar disorder: a double-blind, randomized add-on clinical trial. <i>Journal of Clinical Psychopharmacology</i> , 2012 , 32, 699-703	1.7	36
82	Lithium administration to preadolescent rats causes long-lasting increases in anxiety-like behavior and has molecular consequences. <i>Journal of Neuroscience</i> , 2006 , 26, 6031-9	6.6	36
81	Effects of acute and chronic social defeat stress are differentially mediated by the dynorphin/kappa-opioid receptor system. <i>Behavioural Pharmacology</i> , 2015 , 26, 654-63	2.4	35

80	N-methylacetamide analog of salvinorin A: a highly potent and selective kappa-opioid receptor agonist with oral efficacy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 188-95	4.7	35
79	Cocaine and SKF-82958 potentiate brain stimulation reward in Swiss-Webster mice. <i>Psychopharmacology</i> , 2002 , 163, 238-48	4.7	35
78	Place conditioning to study drug reward and aversion. <i>Methods in Molecular Medicine</i> , 2003 , 84, 243-9		35
77	BosB enhances the rewarding effects of cocaine while reducing the pro-depressive effects of the kappa-opioid receptor agonist U50488. <i>Biological Psychiatry</i> , 2012 , 71, 44-50	7.9	34
76	Attention deficits and hyperactivity following inhibition of cAMP-dependent protein kinase within the medial prefrontal cortex of rats. <i>Neuropsychopharmacology</i> , 2009 , 34, 2143-55	8.7	34
75	AMPA antagonist LY293558 blocks the development, without blocking the expression, of behavioral sensitization to morphine. <i>Synapse</i> , 1999 , 31, 256-62	2.4	34
74	Lesions of the nucleus accumbens in rats reduce opiate reward but do not alter context-specific opiate tolerance.. <i>Behavioral Neuroscience</i> , 1989 , 103, 1327-1334	2.1	34
73	Nucleus Accumbens AMPA Receptors Are Necessary for Morphine-Withdrawal-Induced Negative-Affective States in Rats. <i>Journal of Neuroscience</i> , 2016 , 36, 5748-62	6.6	34
72	Prenatal exposure to cocaine increases the rewarding potency of cocaine and selective dopaminergic agonists in adult mice. <i>Biological Psychiatry</i> , 2008 , 63, 214-21	7.9	33
71	Behavioral effects of short-term administration of lithium and valproic acid in rats. <i>Brain Research</i> , 2006 , 1093, 83-94	3.7	33
70	Role of the bed nucleus of the stria terminalis (BST) in the expression of conditioned fear. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1071, 538-41	6.5	33
69	Repeated exposure to rewarding brain stimulation downregulates GluR1 expression in the ventral tegmental area. <i>Neuropsychopharmacology</i> , 2001 , 25, 234-41	8.7	33
68	MK-801 (dizocilpine): synergist and conditioned stimulus in bromocriptine-induced psychomotor sensitization. <i>Synapse</i> , 1996 , 22, 362-8	2.4	33
67	Phencyclidine-induced potentiation of brain stimulation reward: acute effects are not altered by repeated administration. <i>Psychopharmacology</i> , 1993 , 111, 402-8	4.7	33
66	Diazepam and cocaine potentiate brain stimulation reward in C57BL/6J mice. <i>Behavioural Brain Research</i> , 2010 , 206, 17-20	3.4	30
65	Synthesis and in vitro pharmacological studies of C(4) modified salvinorin A analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4169-73	2.9	30
64	LTP in the lateral amygdala during cocaine withdrawal. <i>European Journal of Neuroscience</i> , 2006 , 23, 239-50	5.5	28
63	Modification of the furan ring of salvinorin A: identification of a selective partial agonist at the kappa opioid receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 1370-80	3.4	26

62	Synthesis and in vitro pharmacological studies of new C(4)-modified salvinorin A analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 5498-502	2.9	25
61	Perinatal Immune Activation Produces Persistent Sleep Alterations and Epileptiform Activity in Male Mice. <i>Neuropsychopharmacology</i> , 2018 , 43, 482-491	8.7	24
60	Sex-dependent neurobiological features of prenatal immune activation via TLR7. <i>Molecular Psychiatry</i> , 2020 , 25, 2330-2341	15.1	23
59	Bi-directional effects of pituitary adenylate cyclase-activating polypeptide (PACAP) on fear-related behavior and c-Fos expression after fear conditioning in rats. <i>Psychoneuroendocrinology</i> , 2016 , 64, 12-21	5	22
58	Differential signaling properties at the kappa opioid receptor of 12-epi-salvinorin A and its analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 1023-6	2.9	22
57	Drug withdrawal conceptualized as a stressor. <i>Behavioural Pharmacology</i> , 2014 , 25, 473-92	2.4	22
56	Lovastatin potentiates the antidepressant efficacy of fluoxetine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 88-92	3.9	22
55	Contribution of drug doses and conditioning periods to psychomotor stimulant sensitization. <i>Psychopharmacology</i> , 2006 , 185, 451-8	4.7	22
54	Viral-mediated gene transfer to study the behavioral correlates of CREB function in the nucleus accumbens of rats. <i>Methods in Molecular Medicine</i> , 2003 , 79, 331-50		22
53	Selective μ opioid antagonists nor-BNI, GNTI and JDTic have low affinities for non-opioid receptors and transporters. <i>PLoS ONE</i> , 2013 , 8, e70701	3.7	21
52	Ventral mesencephalic delta opioid receptors are involved in modulation of basal mesolimbic dopamine neurotransmission: an anatomical localization study. <i>Brain Research</i> , 1993 , 622, 348-52	3.7	21
51	Digital devices and continuous telemetry: opportunities for aligning psychiatry and neuroscience. <i>Neuropsychopharmacology</i> , 2018 , 43, 2499-2503	8.7	20
50	Glial abnormalities in mood disorders. <i>Harvard Review of Psychiatry</i> , 2014 , 22, 334-7	4.1	20
49	Microinjection of the L-type calcium channel antagonist diltiazem into the ventral nucleus accumbens shell facilitates cocaine-induced conditioned place preferences. <i>Biological Psychiatry</i> , 2006 , 59, 1236-9	7.9	20
48	Amygdalar GABAergic-rich neural grafts attenuate anxiety-like behavior in rats. <i>Behavioural Brain Research</i> , 2009 , 205, 146-53	3.4	19
47	Attenuation of the locomotor-sensitizing effects of the D2 dopamine agonist bromocriptine by either the D1 antagonist SCH 23390 or the D2 antagonist raclopride. <i>Synapse</i> , 1994 , 17, 155-9	2.4	18
46	Use of Adeno-Associated and Herpes Simplex Viral Vectors for In Vivo Neuronal Expression in Mice. <i>Current Protocols in Neuroscience</i> , 2015 , 73, 4.37.1-4.37.31	2.7	16
45	Reduction of fear-potentiated startle by benzodiazepines in C57BL/6J mice. <i>Psychopharmacology</i> , 2011 , 213, 697-706	4.7	16

44	Anatomically dissociable effects of dopamine D1 receptor agonists on reward and relief of withdrawal in morphine-dependent rats. <i>Psychopharmacology</i> , 2009 , 204, 227-39	4.7	15
43	Pituitary Adenylate Cyclase-Activating Polypeptide Disrupts Motivation, Social Interaction, and Attention in Male Sprague Dawley Rats. <i>Biological Psychiatry</i> , 2016 , 80, 955-964	7.9	12
42	Behavioral Pharmacology of Novel Kappa Opioid Receptor Antagonists in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 735-745	5.8	12
41	PACAP increases Arc/Arg 3.1 expression within the extended amygdala after fear conditioning in rats. <i>Neurobiology of Learning and Memory</i> , 2019 , 157, 24-34	3.1	12
40	Effects of the anticonvulsant lacosamide compared to valproate and lamotrigine on cocaine-enhanced reward in rats. <i>Brain Research</i> , 2012 , 1479, 44-51	3.7	11
39	Extinction of conditioned opiate withdrawal in rats in a two-chambered place conditioning apparatus. <i>Nature Protocols</i> , 2012 , 7, 517-26	18.8	11
38	Kappa-opioid receptors differentially regulate low and high levels of ethanol intake in female mice. <i>Brain and Behavior</i> , 2016 , 6, e00523	3.4	11
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36	N-Methyl-d-aspartate receptor co-agonist availability affects behavioral and neurochemical responses to cocaine: insights into comorbid schizophrenia and substance abuse. <i>Addiction Biology</i> , 2019 , 24, 40-50	4.6	10
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