

Kathryn A Cunningham

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169
papers

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48
h-index

69
g-index

201
ext. papers

6,452
ext. citations

5
avg, IF

5.87
L-index

#	Paper	IF	Citations
169	Serotonergic mechanisms involved in the discriminative stimulus, reinforcing and subjective effects of cocaine. <i>Psychopharmacology</i> , 1997 , 130, 41-58	4.7	172
168	Serotonin 5-HT ₂ receptor interactions with dopamine function: implications for therapeutics in cocaine use disorder. <i>Pharmacological Reviews</i> , 2015 , 67, 176-97	22.5	154
167	Dopamine D ₁ and D ₂ mediation of the discriminative stimulus properties of d-amphetamine and cocaine. <i>Psychopharmacology</i> , 1991 , 103, 50-5	4.7	145
166	Chronic cocaine enhances serotonin autoregulation and serotonin uptake binding. <i>Synapse</i> , 1992 , 11, 112-23	2.4	139
165	Distribution of serotonin 5-HT _{2C} receptors in the ventral tegmental area. <i>Neuroscience</i> , 2007 , 146, 286-97	3.9	137
164	Serotonin _{2C} receptor localization in GABA neurons of the rat medial prefrontal cortex: implications for understanding the neurobiology of addiction. <i>Neuroscience</i> , 2007 , 146, 1677-88	3.9	137
163	Monoamine reuptake inhibitors enhance the discriminative state induced by cocaine in the rat. <i>Psychopharmacology</i> , 1991 , 104, 177-80	4.7	132
162	Prospects for serotonin 5-HT _{2R} pharmacotherapy in psychostimulant abuse. <i>Progress in Brain Research</i> , 2008 , 172, 319-46	2.9	117
161	Differential regulation of the mesoaccumbens circuit by serotonin 5-hydroxytryptamine (5-HT) _{2A} and 5-HT _{2C} receptors. <i>Journal of Neuroscience</i> , 2001 , 21, 7781-7	6.6	114
160	Contribution of serotonin (5-hydroxytryptamine; 5-HT) 5-HT ₂ receptor subtypes to the hyperlocomotor effects of cocaine: acute and chronic pharmacological analyses. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 310, 1246-54	4.7	111
159	Perimembrane localization of the estrogen receptor alpha protein in neuronal processes of cultured hippocampal neurons. <i>Neuroendocrinology</i> , 2000 , 71, 34-42	5.6	103
158	Serotonin at the nexus of impulsivity and cue reactivity in cocaine addiction. <i>Neuropharmacology</i> , 2014 , 76 Pt B, 460-78	5.5	97
157	Serotonin 5-HT _{2A} and 5-HT _{2C} receptors as potential targets for modulation of psychostimulant use and dependence. <i>Current Topics in Medicinal Chemistry</i> , 2006 , 6, 1971-85	3	97
156	Estrogen regulation of gene expression in the brain: a possible mechanism altering the response to psychostimulants in female rats. <i>Molecular Brain Research</i> , 2002 , 100, 75-83		97
155	Differential regulation of the mesoaccumbens dopamine circuit by serotonin _{2C} receptors in the ventral tegmental area and the nucleus accumbens: an in vivo microdialysis study with cocaine. <i>Neuropsychopharmacology</i> , 2008 , 33, 237-46	8.7	95
154	Hyperlocomotive and discriminative stimulus effects of cocaine are under the control of serotonin(2C) (5-HT(2C)) receptors in rat prefrontal cortex. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 306, 734-43	4.7	92
153	Rapid-response impulsivity: definitions, measurement issues, and clinical implications. <i>Personality Disorders: Theory, Research, and Treatment</i> , 2015 , 6, 168-181	4.1	90

152	Serotonin 5-HT _{2C} receptors in nucleus accumbens regulate expression of the hyperlocomotive and discriminative stimulus effects of cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 71, 745-56 ^{3.9}	87
151	Blockade of the serotonin 5-HT _{2A} receptor suppresses cue-evoked reinstatement of cocaine-seeking behavior in a rat self-administration model. <i>Behavioral Neuroscience</i> , 2009 , 123, 382-96 ^{2.1}	83
150	5-HT _{2C} receptors localize to dopamine and GABA neurons in the rat mesoaccumbens pathway. <i>PLoS ONE</i> , 2011 , 6, e20508	3.7 82
149	Selective serotonin 5-HT _{2C} receptor activation suppresses the reinforcing efficacy of cocaine and sucrose but differentially affects the incentive-salience value of cocaine- vs. sucrose-associated cues. <i>Neuropharmacology</i> , 2011 , 61, 513-23	5.5 81
148	Electrophysiological effects of cocaine and procaine on dorsal raphe serotonin neurons. <i>European Journal of Pharmacology</i> , 1988 , 148, 457-62	5.3 80
147	Fine-tuning serotonin _{2c} receptor function in the brain: molecular and functional implications. <i>Neuropharmacology</i> , 2008 , 55, 969-76	5.5 79
146	Pharmacological studies of the acute effects of (+)-3,4-methylenedioxymethamphetamine on locomotor activity: role of 5-HT _{1B/1D} and 5-HT ₂ receptors. <i>Neuropsychopharmacology</i> , 2002 , 26, 40-52 ^{8.7}	79
145	Synergism between a serotonin 5-HT _{2A} receptor (5-HT _{2AR}) antagonist and 5-HT _{2CR} agonist suggests new pharmacotherapeutics for cocaine addiction. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 110-21	5.7 72
144	Modulation of the discriminative stimulus properties of cocaine: comparison of the effects of fluoxetine with 5-HT _{1A} and 5-HT _{1B} receptor agonists. <i>Neuropharmacology</i> , 1997 , 36, 373-81	5.5 69
143	Enhanced leptin sensitivity, reduced adiposity, and improved glucose homeostasis in mice lacking exchange protein directly activated by cyclic AMP isoform 1. <i>Molecular and Cellular Biology</i> , 2013 , 33, 918-26	4.8 68
142	Mediation of the discriminative stimulus properties of cocaine by mesocorticolimbic dopamine systems. <i>Pharmacology Biochemistry and Behavior</i> , 1997 , 57, 601-7	3.9 68
141	Effects of the 5-HT _{2C/2B} antagonist SB 206553 on hyperactivity induced by cocaine. <i>Neuropsychopharmacology</i> , 1999 , 20, 556-64	8.7 68
140	Neuropharmacological reassessment of the discriminative stimulus properties of d-lysergic acid diethylamide (LSD). <i>Psychopharmacology</i> , 1987 , 91, 67-73	4.7 66
139	Lorcaserin Suppresses Oxycodone Self-Administration and Relapse Vulnerability in Rats. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 1065-1073	5.7 62
138	Involvement of 5-HT _{2C} receptors in mediating the discriminative stimulus properties of m-chlorophenylpiperazine (mCPP). <i>European Journal of Pharmacology</i> , 1994 , 257, 27-38	5.3 62
137	Discriminative stimulus properties of 8-hydroxy-2-(di-n-propylamino)tetralin (8-OHDPAT): implications for understanding the actions of novel anxiolytics. <i>European Journal of Pharmacology</i> , 1987 , 138, 29-36	5.3 62
136	Relationship between attentional bias to cocaine-related stimuli and impulsivity in cocaine-dependent subjects. <i>American Journal of Drug and Alcohol Abuse</i> , 2011 , 37, 117-22	3.7 60
135	Role of the serotonin 5-HT _{2A} receptor in the hyperlocomotive and hyperthermic effects of (+)-3,4-methylenedioxymethamphetamine. <i>Psychopharmacology</i> , 2005 , 178, 505-13	4.7 60

134	Serotonin (5-HT) 5-HT _{2A} Receptor (5-HT _{2AR}):5-HT _{2CR} Imbalance in Medial Prefrontal Cortex Associates with Motor Impulsivity. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1248-58	5.7	59
133	Allosteric Modulation of Class A GPCRs: Targets, Agents, and Emerging Concepts. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 88-127	8.3	59
132	Selective estrogen receptor modulator effects in the rat brain. <i>Neuroendocrinology</i> , 2002 , 75, 24-33	5.6	58
131	Decrease of GABA-immunoreactive neurons in the amygdala after electrical kindling in the rat. <i>Brain Research</i> , 1991 , 555, 335-9	3.7	58
130	Structure-activity relationship studies of cocaine: replacement of the C-2 ester group by vinyl argues against H-bonding and provides an esterase-resistant, high-affinity cocaine analogue. <i>Journal of Medicinal Chemistry</i> , 1992 , 35, 4764-6	8.3	57
129	Functional status of the serotonin 5-HT _{2C} receptor (5-HT _{2CR}) drives interlocked phenotypes that precipitate relapse-like behaviors in cocaine dependence. <i>Neuropsychopharmacology</i> , 2014 , 39, 370-82	8.7	56
128	Lack of serotonin neurotoxicity after intranasal microinjection of (+)-3,4-methylenedioxymethamphetamine (MDMA). <i>Brain Research Bulletin</i> , 1992 , 28, 115-9	3.9	56
127	TrpC5 Mediates Acute Leptin and Serotonin Effects via Pomc Neurons. <i>Cell Reports</i> , 2017 , 18, 583-592	10.6	52
126	Contribution of serotonin (5-HT) 5-HT ₂ receptor subtypes to the discriminative stimulus effects of cocaine in rats. <i>Psychopharmacology</i> , 2006 , 183, 482-9	4.7	51
125	Serotonin 5-HT ₃ antagonists do not alter the discriminative stimulus properties of cocaine. <i>Psychopharmacology</i> , 1991 , 104, 475-8	4.7	51
124	Selective serotonin reuptake inhibitors enhance cocaine-induced locomotor activity and dopamine release in the nucleus accumbens. <i>Neuropharmacology</i> , 2003 , 44, 342-53	5.5	49
123	Influence of estrous cycle and estradiol on behavioral sensitization to cocaine in female rats. <i>Drug and Alcohol Dependence</i> , 2002 , 67, 281-90	4.9	48
122	International Union of Basic and Clinical Pharmacology. CX. Classification of Receptors for 5-hydroxytryptamine; Pharmacology and Function. <i>Pharmacological Reviews</i> , 2021 , 73, 310-520	22.5	48
121	Estradiol-sertraline synergy in ovariectomized rats. <i>Psychoneuroendocrinology</i> , 2008 , 33, 1051-60	5	47
120	PPAR-gamma agonist pioglitazone modifies craving intensity and brain white matter integrity in patients with primary cocaine use disorder: a double-blind randomized controlled pilot trial. <i>Addiction</i> , 2017 , 112, 1861-1868	4.6	46
119	Serotonin _{2C} receptors in the medial prefrontal cortex facilitate cocaine-induced dopamine release in the rat nucleus accumbens. <i>Neuropharmacology</i> , 2009 , 56, 507-13	5.5	45
118	Discriminative stimulus properties of cocaine: modulation by dopamine D1 receptors in the nucleus accumbens. <i>Psychopharmacology</i> , 1994 , 115, 110-4	4.7	45
117	Cocaine interaction with central monoaminergic systems: electrophysiological approaches. <i>Trends in Pharmacological Sciences</i> , 1988 , 9, 177-80	13.2	45

116	Serotonin (5-hydroxytryptamine) 5-HT _{2A} receptor: association with inherent and cocaine-evoked behavioral disinhibition in rats. <i>Behavioural Pharmacology</i> , 2011 , 22, 248-61	2.4	42
115	Estradiol effects on the dopamine transporter - protein levels, subcellular location, and function. <i>Journal of Molecular Signaling</i> , 2006 , 1, 5	1	40
114	Effects of dopamine D1- or D2-like receptor antagonists on the hypermotive and discriminative stimulus effects of (+)-MDMA. <i>Psychopharmacology</i> , 2004 , 173, 326-36	4.7	40
113	Suppression of Cocaine-Evoked Hyperactivity by Self-Adjuvanting and Multivalent Peptide Nanofiber Vaccines. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 546-52	5.7	38
112	Intracellular signaling involved in estrogen regulation of serotonin reuptake. <i>Molecular and Cellular Endocrinology</i> , 2004 , 226, 33-42	4.4	38
111	Individual Differences in Impulsive Action Reflect Variation in the Cortical Serotonin 5-HT _{2A} Receptor System. <i>Neuropsychopharmacology</i> , 2015 , 40, 1957-68	8.7	37
110	Serotonin neurotransmission in cocaine sensitization. <i>Annals of the New York Academy of Sciences</i> , 1992 , 654, 117-27	6.5	36
109	Estrogens of multiple classes and their role in mental health disease mechanisms. <i>International Journal of Womens Health</i> , 2010 , 2, 153-66	2.8	33
108	Serotonergic mechanisms in addiction-related memories. <i>Behavioural Brain Research</i> , 2008 , 195, 39-53	3.4	33
107	Dopamine D1 receptor mediation of the discriminative stimulus properties of SKF 38393. <i>European Journal of Pharmacology</i> , 1985 , 119, 121-5	5.3	33
106	Peptide inhibitors disrupt the serotonin 5-HT _{2C} receptor interaction with phosphatase and tensin homolog to allosterically modulate cellular signaling and behavior. <i>Journal of Neuroscience</i> , 2013 , 33, 1615-30	6.6	32
105	Serotonin 5-HT _{2C} receptor protein expression is enriched in synaptosomal and post-synaptic compartments of rat cortex. <i>Journal of Neurochemistry</i> , 2010 , 113, 1504-15	6	32
104	The role of serotonin in the actions of psychostimulants: molecular and pharmacological analyses. <i>Behavioural Brain Research</i> , 1996 , 73, 93-102	3.4	32
103	Variation within the serotonin (5-HT) 5-HT ₁ receptor system aligns with vulnerability to cocaine cue reactivity. <i>Translational Psychiatry</i> , 2014 , 4, e369	8.6	31
102	The relationship between the locomotor response to a novel environment and behavioral disinhibition in rats. <i>Drug and Alcohol Dependence</i> , 2008 , 92, 69-78	4.9	31
101	Serotonin _{2C} receptors (5-HT _{2C} R) control expression of cocaine-induced conditioned hyperactivity. <i>Drug and Alcohol Dependence</i> , 2006 , 81, 275-82	4.9	31
100	Inhibitory behavioral control: A stochastic dynamic causal modeling study comparing cocaine dependent subjects and controls. <i>NeuroImage: Clinical</i> , 2015 , 7, 837-47	5.3	28
99	Estrous cycle influence on individual differences in the response to novelty and cocaine in female rats. <i>Behavioural Brain Research</i> , 2005 , 161, 69-74	3.4	28

98	Incubation of cocaine cue reactivity associates with neuroadaptations in the cortical serotonin (5-HT) 5-HT _{2C} receptor (5-HT _{2CR}) system. <i>Neuroscience</i> , 2016 , 324, 50-61	3.9	27
97	Forced Abstinence from Cocaine Self-Administration is Associated with DNA Methylation Changes in Myelin Genes in the Corpus Callosum: a Preliminary Study. <i>Frontiers in Psychiatry</i> , 2012 , 3, 60	5	26
96	m-Chlorophenylpiperazine (mCPP) modulates the discriminative stimulus effects of cocaine through actions at the 5-HT _{2C} receptor. <i>Behavioral Neuroscience</i> , 2004 , 118, 157-62	2.1	26
95	Validation of a selective serotonin 5-HT _{2C} receptor antibody for utilization in fluorescence immunohistochemistry studies. <i>Brain Research</i> , 2005 , 1063, 105-13	3.7	25
94	The hallucinogen d-lysergic acid diethylamide (d-LSD) induces the immediate-early gene c-Fos in rat forebrain. <i>Brain Research</i> , 2002 , 958, 251-60	3.7	23
93	Role of 5-HT _{2a} and 5-HT _{2B/2C} receptors in the behavioral interactions between serotonin and catecholamine reuptake inhibitors. <i>Neuropsychopharmacology</i> , 2001 , 24, 319-29	8.7	23
92	Discriminative stimulus effects of cocaine: antagonism by dopamine D1 receptor blockade in the amygdala. <i>Pharmacology Biochemistry and Behavior</i> , 1995 , 51, 759-66	3.9	23
91	Prevalence of Food Addiction Among Low-Income Reproductive-Aged Women. <i>Journal of Womens Health</i> , 2015 , 24, 740-4	3	22
90	PPAR δ agonism attenuates cocaine cue reactivity. <i>Addiction Biology</i> , 2018 , 23, 55-68	4.6	21
89	Blockade of the 5-HT transporter contributes to the behavioural, neuronal and molecular effects of cocaine. <i>British Journal of Pharmacology</i> , 2017 , 174, 2716-2738	8.6	20
88	Exploration of synthetic approaches and pharmacological evaluation of PNU-69176E and its stereoisomer as 5-HT _{2C} receptor allosteric modulators. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 538-45	5.7	20
87	Quantitative changes in intracellular calcium and extracellular-regulated kinase activation measured in parallel in CHO cells stably expressing serotonin (5-HT) 5-HT _{2A} or 5-HT _{2C} receptors. <i>BMC Neuroscience</i> , 2012 , 13, 25	3.2	20
86	Detailed investigations of 5-HT ₃ compounds in a drug discrimination model. <i>Pharmacology Biochemistry and Behavior</i> , 1996 , 54, 533-40	3.9	20
85	Gamma-Aminobutyric Acidergic Projections From the Dorsal Raphe to the Nucleus Accumbens Are Regulated by Neuromedin U. <i>Biological Psychiatry</i> , 2016 , 80, 878-887	7.9	19
84	Relationship of cocaine-induced c-Fos expression to behaviors and the role of serotonin 5-HT _{2A} receptors in cocaine-induced c-Fos expression. <i>Behavioral Neuroscience</i> , 2005 , 119, 1173-83	2.1	18
83	Effects of the putative dopamine autoreceptor antagonists (+)-AJ 76 and (+)-UH 232 on the discriminative stimulus properties of cocaine. <i>Psychopharmacology</i> , 1992 , 107, 73-7	4.7	18
82	Targeting the 5-HT _{2C} Receptor in Biological Context and the Current State of 5-HT _{2C} Receptor Ligand Development. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 1381-1398	3	18
81	The 5-HT Receptor (5-HTR) Regulates Impulsive Action and Cocaine Cue Reactivity in Male Sprague-Dawley Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 368, 41-49	4.7	18

80	Convergent neural connectivity in motor impulsivity and high-fat food binge-like eating in male Sprague-Dawley rats. <i>Neuropsychopharmacology</i> , 2019 , 44, 1752-1761	8.7	17
79	Evaluation of the dopamine βhydroxylase (DBH) inhibitor nepicastat in participants who meet criteria for cocaine use disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 59, 40-48	5.5	17
78	Selective ablation of GABA neurons in the ventral tegmental area increases spontaneous locomotor activity. <i>Behavioral Neuroscience</i> , 2007 , 121, 1224-33	2.1	17
77	Antagonism of the LSD cue by putative serotonin antagonists: relationship to inhibition of in vivo [3H]spiroperidol binding. <i>Behavioural Brain Research</i> , 1985 , 16, 171-6	3.4	17
76	Endogenous Serotonin 5-HT and 5-HT Receptors Associate in the Medial Prefrontal Cortex. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3241-3248	5.7	17
75	Biophysical validation of serotonin 5-HT _{2A} and 5-HT _{2C} receptor interaction. <i>PLoS ONE</i> , 2018 , 13, e0203137	3.7	17
74	Aged dominant negative p38MAPK mice are resistant to age-dependent decline in adult-neurogenesis and context discrimination fear conditioning. <i>Behavioural Brain Research</i> , 2017 , 322, 212-222	3.4	16
73	The discriminative stimulus properties of cocaine: effects of microinfusion of cocaine, a 5-HT _{1A} agonist or antagonist, into the ventral tegmental area. <i>Psychopharmacology</i> , 1998 , 137, 1-6	4.7	16
72	Dopamine D ₅ receptors in nucleus accumbens contribute to the detection of cocaine in rats. <i>Journal of Neuroscience</i> , 2000 , 20, RC98	6.6	16
71	Discriminative stimulus properties of (+/-)-fenfluramine: the role of 5-HT ₂ receptor subtypes. <i>Behavioral Neuroscience</i> , 2003 , 117, 212-21	2.1	16
70	Serotonin 5-HT Receptor Activation Suppresses Binge Intake and the Reinforcing and Motivational Properties of High-Fat Food. <i>Frontiers in Pharmacology</i> , 2018 , 9, 821	5.6	16
69	An innovative real-time PCR method to measure changes in RNA editing of the serotonin 2C receptor (5-HT _{2C} R) in brain. <i>Journal of Neuroscience Methods</i> , 2009 , 179, 247-57	3	15
68	Protein-protein interactions as therapeutic targets in neuropsychopharmacology. <i>Neuropsychopharmacology</i> , 2009 , 34, 247-8	8.7	15
67	Design, Synthesis, and Characterization of 4-Undecylpiperidine-2-carboxamides as Positive Allosteric Modulators of the Serotonin (5-HT) 5-HT Receptor. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 288-305	8.3	15
66	Increased intra-individual reaction time variability in cocaine-dependent subjects: role of cocaine-related cues. <i>Addictive Behaviors</i> , 2012 , 37, 193-7	4.2	14
65	Elevated Expression of Serotonin 5-HT _{2A} Receptors in the Rat Ventral Tegmental Area Enhances Vulnerability to the Behavioral Effects of Cocaine. <i>Frontiers in Psychiatry</i> , 2013 , 4, 2	5	14
64	Synthesis and evaluation of dimeric derivatives of 5-HT _{2A} receptor (5-HT _{2A} R) antagonist M-100907. <i>ACS Chemical Neuroscience</i> , 2011 , 2, 640-644	5.7	14
63	Novel approach to data analysis in cocaine-conditioned place preference. <i>Behavioural Pharmacology</i> , 2009 , 20, 720-30	2.4	14

62	The discriminative stimulus properties of cocaine: effects of BAY K 8644 and nimodipine. <i>European Journal of Pharmacology</i> , 1990 , 186, 143-7	5.3	14
61	Altered anterior cingulate cortex to hippocampus effective connectivity in response to drug cues in men with cocaine use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 271, 59-66	2.9	13
60	Inhibitory behavioral control: a stochastic dynamic causal modeling study using network discovery analysis. <i>Brain Connectivity</i> , 2015 , 5, 177-86	2.7	12
59	Suppression of cocaine relapse-like behaviors upon pimavanserin and lorcaserin co-administration. <i>Neuropharmacology</i> , 2020 , 168, 108009	5.5	11
58	Discriminative stimulus effects of (-)-ephedrine in rats: analysis with catecholamine transporter and receptor ligands. <i>Drug and Alcohol Dependence</i> , 2003 , 70, 255-64	4.9	11
57	5-HT _{2C} receptor desensitization moderates anxiety in 5-HTT deficient mice: from behavioral to cellular evidence. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	10
56	Fentanyl self-administration impacts brain immune responses in male Sprague-Dawley rats. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 725-738	16.6	10
55	Cocaine evokes a profile of oxidative stress and impacts innate antiviral response pathways in astrocytes. <i>Neuropharmacology</i> , 2018 , 135, 431-443	5.5	10
54	Effects of escitalopram on attentional bias to cocaine-related stimuli and inhibitory control in cocaine-dependent subjects. <i>Journal of Psychopharmacology</i> , 2013 , 27, 801-7	4.6	10
53	3,4-Methylenedioxymethamphetamine increases susceptibility to genital herpes simplex virus infection in mice. <i>Journal of Infectious Diseases</i> , 2009 , 200, 1247-50	7	10
52	Influence of methamphetamine on genital herpes simplex virus type 2 infection in a mouse model. <i>Sexually Transmitted Diseases</i> , 2012 , 39, 720-5	2.4	10
51	Cell cycle regulation, neurogenesis, and depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2259-60	11.5	10
50	Differentiation between the stimulus effects of l-5-hydroxytryptophan and LSD. <i>European Journal of Pharmacology</i> , 1985 , 108, 179-86	5.3	10
49	Pimavanserin and Lorcaserin Attenuate Measures of Binge Eating in Male Sprague-Dawley Rats. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1424	5.6	10
48	Chronic treatment with a serotonin(2) receptor (5-HT ₂ R) agonist modulates the behavioral and cellular response to (+)-3,4-methylenedioxymethamphetamine [(+)-MDMA]. <i>Drug and Alcohol Dependence</i> , 2006 , 81, 117-27	4.9	9
47	Use of surface enhanced laser desorption/ionization-time of flight mass spectrometry (SELDI-TOF MS) to study protein expression in a rat model of cocaine withdrawal. <i>Journal of Neuroscience Methods</i> , 2006 , 158, 1-12	3	9
46	Behavioral sensitization to cocaine is not associated with changes in serotonin (5-HT) fiber immunoreactivity in rat forebrain. <i>Brain Research Bulletin</i> , 1991 , 27, 843-7	3.9	9
45	Novel Bivalent 5-HT Receptor Antagonists Exhibit High Affinity and Potency in Vitro and Efficacy in Vivo. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 514-521	5.7	9

44	The serotonin 5-HT _{2C} receptor in medial prefrontal cortex exerts rheostatic control over the motivational salience of cocaine-associated cues: new observations from preclinical animal research. <i>Neuropsychopharmacology</i> , 2010 , 35, 2319-21	8.7	8
43	Habenula lesions decrease the responsiveness of dorsal raphe serotonin neurons to cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 49, 555-60	3.9	8
42	Anterior insula activity regulates the associated behaviors of high fat food binge intake and cue reactivity in male rats. <i>Appetite</i> , 2019 , 133, 231-239	4.5	8
41	Discriminative stimulus properties of clonidine: substitution by ergot derivatives. <i>European Journal of Pharmacology</i> , 1985 , 119, 225-9	5.3	7
40	Allosteric Modulation of G Protein-Coupled Receptors: An Emerging Approach of Drug Discovery 2014 , 2,		7
39	Synthesis and Structure-Activity Relationships of Tool Compounds Based on WAY163909, a 5-HT Receptor Agonist. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 1004-1010	5.7	6
38	Serotonin(2C) receptors in the ventral pallidum regulate motor function in rats. <i>NeuroReport</i> , 2013 , 24, 605-8	1.7	6
37	Estrogen effects on the hyperactivity induced by (+)-MDMA and cocaine in female rats.. <i>Behavioral Neuroscience</i> , 2003 , 117, 84-94	2.1	6
36	Cocaine-induced behavioral sensitization is not associated with loss of GABA-immunoreactive neurons in the amygdala. <i>Brain Research</i> , 1991 , 545, 351-4	3.7	6
35	Is There a Causal Relation between Maternal Acetaminophen Administration and ADHD?. <i>PLoS ONE</i> , 2016 , 11, e0157380	3.7	6
34	Discovery of 4-Phenylpiperidine-2-Carboxamide Analogues as Serotonin 5-HT Receptor-Positive Allosteric Modulators with Enhanced Drug-like Properties. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 7529-7544	8.2	5
33	Synthesis and activity of functionalizable derivatives of the serotonin (5-HT) 5-HT receptor (5-HTR) antagonist M100907. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1381-1385	2.9	5
32	Spatial and Sex-Dependent Responses of Adult Endogenous Neural Stem Cells to Alcohol Consumption. <i>Stem Cell Reports</i> , 2017 , 9, 1916-1930	8	5
31	Serotonin regulation of serotonin uptake in RN46A cells. <i>Cellular and Molecular Neurobiology</i> , 2006 , 26, 979-87	4.6	5
30	Effects of repeated administration of the monoamine oxidase inhibitor phenelzine on the discriminability of d-lysergic acid diethylamide (LSD) and 1-(m-trifluoromethylphenyl) piperazine (TFMPP). <i>Psychopharmacology</i> , 1986 , 89, 134-5	4.7	5
29	Innovative Therapeutic Intervention For Opioid Use Disorder. <i>Neuropsychopharmacology</i> , 2018 , 43, 220-221	2.1	5
28	Cingulo-hippocampal effective connectivity positively correlates with drug-cue attentional bias in opioid use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 294, 110977	2.9	4
27	Coevolution of Residues Provides Evidence of a Functional Heterodimer of 5-HTR and 5-HTR Involving Both Intracellular and Extracellular Domains. <i>Neuroscience</i> , 2019 , 412, 48-59	3.9	4

26	A Protocol for Measuring Cue Reactivity in a Rat Model of Cocaine Use Disorder. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	4
25	Chronic poly-drug administration damages adult mouse brain neural stem cells. <i>Brain Research</i> , 2019 , 1723, 146425	3.7	4
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12	Protein Co-Evolution Strategies Detect Predicted Functional Interaction Between the Serotonin 5-HT2A and 5-HT2C Receptors		2
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