

Zheng-Xiong Xi

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Origin and Neuronal Function of <i>In Vivo</i> Nonsynaptic Glutamate. <i>Journal of Neuroscience</i> , 2002, 22, 9134-9141. | 3.6 | 531 |
| 2 | Brain cannabinoid CB2 receptors modulate cocaine's actions in mice. <i>Nature Neuroscience</i> , 2011, 14, 1160-1166. | 14.8 | 358 |
| 3 | Local Cues Establish and Maintain Region-Specific Phenotypes of Basal Ganglia Microglia. <i>Neuron</i> , 2017, 95, 341-356.e6. | 8.1 | 325 |
| 4 | The role of central dopamine D3 receptors in drug addiction: a review of pharmacological evidence. <i>Brain Research Reviews</i> , 2005, 49, 77-105. | 9.0 | 296 |
| 5 | Cannabinoid CB ₂ receptors modulate midbrain dopamine neuronal activity and dopamine-related behavior in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5007-15. | 7.1 | 291 |
| 6 | Cannabinoid Type 2 Receptors Mediate a Cell Type-Specific Plasticity in the Hippocampus. <i>Neuron</i> , 2016, 90, 795-809. | 8.1 | 238 |
| 7 | Species differences in cannabinoid receptor 2 (<i>CNR2</i> gene): identification of novel human and rodent CB2 isoforms, differential tissue expression and regulation by cannabinoid receptor ligands. <i>Genes, Brain and Behavior</i> , 2009, 8, 519-530. | 2.2 | 214 |
| 8 | Group II Metabotropic Glutamate Receptors Modulate Extracellular Glutamate in the Nucleus Accumbens. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 162-171. | 2.5 | 197 |
| 9 | Agents in Development for the Management of Cocaine Abuse. <i>Drugs</i> , 2004, 64, 1547-1573. | 10.9 | 185 |
| 10 | Modulation of Group II Metabotropic Glutamate Receptor Signaling by Chronic Cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 608-615. | 2.5 | 171 |
| 11 | Cannabinoid CB1 Receptor Antagonist AM251 Inhibits Cocaine-Primed Relapse in Rats: Role of Glutamate in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2006, 26, 8531-8536. | 3.6 | 155 |
| 12 | Blockade of mesolimbic dopamine D3 receptors inhibits stress-induced reinstatement of cocaine-seeking in rats. <i>Psychopharmacology</i> , 2004, 176, 57-65. | 3.1 | 151 |
| 13 | The Novel Dopamine D3 Receptor Antagonist NGB 2904 Inhibits Cocaine's Rewarding Effects and Cocaine-Induced Reinstatement of Drug-Seeking Behavior in Rats. <i>Neuropsychopharmacology</i> , 2006, 31, 1393-1405. | 5.4 | 140 |
| 14 | Progress in brain cannabinoid CB2 receptor research: From genes to behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 208-220. | 6.1 | 139 |
| 15 | Selective dopamine D3 receptor antagonism by SB-277011A attenuates cocaine reinforcement as assessed by progressive-ratio and variable-cost-variable-payoff fixed-ratio cocaine self-administration in rats. <i>European Journal of Neuroscience</i> , 2005, 21, 3427-3438. | 2.6 | 133 |
| 16 | Acute administration of SB-277011A, NGB 2904, or BP 897 inhibits cocaine cue-induced reinstatement of drug-seeking behavior in rats: Role of dopamine D3 receptors. <i>Synapse</i> , 2005, 57, 17-28. | 1.2 | 132 |
| 17 | GABA Transmission in the Nucleus Accumbens Is Altered after Withdrawal from Repeated Cocaine. <i>Journal of Neuroscience</i> , 2003, 23, 3498-3505. | 3.6 | 123 |
| 18 | Cannabinoid type 2 receptors in dopamine neurons inhibits psychomotor behaviors, alters anxiety, depression and alcohol preference. <i>Scientific Reports</i> , 2017, 7, 17410. | 3.3 | 122 |

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|----|--|-----|-----------|
| 19 | Expression of functional cannabinoid CB ₂ receptor in VTA dopamine neurons in rats. <i>Addiction Biology</i> , 2017, 22, 752-765. | 2.6 | 117 |
| 20 | Species Differences in Cannabinoid Receptor 2 and Receptor Responses to Cocaine Self-Administration in Mice and Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 1037-1051. | 5.4 | 110 |
| 21 | Cannabinoid CB1 Receptor Antagonists Attenuate Cocaine's Rewarding Effects: Experiments with Self-Administration and Brain-Stimulation Reward in Rats. <i>Neuropsychopharmacology</i> , 2008, 33, 1735-1745. | 5.4 | 100 |
| 22 | GABAergic MECHANISMS OF OPIATE REINFORCEMENT. <i>Alcohol and Alcoholism</i> , 2002, 37, 485-494. | 1.6 | 97 |
| 23 | Pharmacological Actions of NGB 2904, a Selective Dopamine D ₃ Receptor Antagonist, in Animal Models of Drug Addiction. <i>CNS Neuroscience & Therapeutics</i> , 2007, 13, 240-259. | 4.0 | 96 |
| 24 | Sigma-1 receptor mediates cocaine-induced transcriptional regulation by recruiting chromatin-remodeling factors at the nuclear envelope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6562-70. | 7.1 | 95 |
| 25 | YQA14: a novel dopamine D ₃ receptor antagonist that inhibits cocaine self-administration in rats and mice, but not in D ₃ receptor knockout mice. <i>Addiction Biology</i> , 2012, 17, 259-273. | 2.6 | 85 |
| 26 | Blockade of dopamine D ₃ receptors in the nucleus accumbens and central amygdala inhibits incubation of cocaine craving in rats. <i>Addiction Biology</i> , 2013, 18, 665-677. | 2.6 | 83 |
| 27 | The selective dopamine D ₃ receptor antagonist SB-277011A reduces nicotine-enhanced brain reward and nicotine-paired environmental cue functions. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 585. | 2.1 | 80 |
| 28 | Cannabidiol attenuates the rewarding effects of cocaine in rats by CB ₂ , 5-HT _{1A} and TRPV1 receptor mechanisms. <i>Neuropharmacology</i> , 2020, 167, 107740. | 4.1 | 75 |
| 29 | Highly Selective Dopamine D ₃ Receptor (D ₃ R) Antagonists and Partial Agonists Based on Eticlopride and the D ₃ R Crystal Structure: New Leads for Opioid Dependence Treatment. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7634-7650. | 6.4 | 73 |
| 30 | Increased vulnerability to cocaine in mice lacking dopamine D ₃ receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17675-17680. | 7.1 | 69 |
| 31 | Hypothesis-Driven Medication Discovery for the Treatment of Psychostimulant Addiction. <i>Current Drug Abuse Reviews</i> , 2008, 1, 303-327. | 3.4 | 68 |
| 32 | Attenuation of basal and cocaine-enhanced locomotion and nucleus accumbens dopamine in cannabinoid CB ₁ -receptor-knockout mice. <i>Psychopharmacology</i> , 2009, 204, 1-11. | 3.1 | 68 |
| 33 | The selective dopamine D ₃ receptor antagonists SB-277011A and NGB 2904 and the putative partial D ₃ receptor agonist BP-897 attenuate methamphetamine-enhanced brain stimulation reward in rats. <i>Psychopharmacology</i> , 2008, 196, 533-542. | 3.1 | 65 |
| 34 | Metabotropic Glutamate Receptor 7 Modulates the Rewarding Effects of Cocaine in Rats: Involvement of a Ventral Pallidal GABAergic Mechanism. <i>Neuropsychopharmacology</i> , 2009, 34, 1783-1796. | 5.4 | 65 |
| 35 | Discovery and development of varenicline for smoking cessation. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 671-683. | 5.0 | 65 |
| 36 | Lower glutamate levels in rostral anterior cingulate of chronic cocaine users – A 1H-MRS study using TE-averaged PRESS at 3T with an optimized quantification strategy. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 171-176. | 1.8 | 63 |

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|----|--|------|-----------|
| 37 | Activation of mGluR7s inhibits cocaine-induced reinstatement of drug-seeking behavior by a nucleus accumbens glutamate-mGluR2/3 mechanism in rats. <i>Journal of Neurochemistry</i> , 2010, 114, 1368-1380. | 3.9 | 63 |
| 38 | Dopamine D3R antagonist VK4-116 attenuates oxycodone self-administration and reinstatement without compromising its antinociceptive effects. <i>Neuropsychopharmacology</i> , 2019, 44, 1415-1424. | 5.4 | 61 |
| 39 | Dissecting the Role of GABA Neurons in the VTA versus SNr in Opioid Reward. <i>Journal of Neuroscience</i> , 2020, 40, 8853-8869. | 3.6 | 61 |
| 40 | Novel and High Affinity 2-[(Diphenylmethyl)sulfinyl]acetamide (Modafinil) Analogues as Atypical Dopamine Transporter Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10676-10691. | 6.4 | 58 |
| 41 | Dopamine D3 receptor antagonist SB-277011A inhibits methamphetamine self-administration and methamphetamine-induced reinstatement of drug-seeking in rats. <i>European Journal of Pharmacology</i> , 2011, 659, 187-192. | 3.5 | 57 |
| 42 | PG01037, a novel dopamine D ₃ receptor antagonist, inhibits the effects of methamphetamine in rats. <i>Journal of Psychopharmacology</i> , 2011, 25, 263-273. | 4.0 | 57 |
| 43 | The metabotropic glutamate receptor 7 (mGluR7) allosteric agonist AMN082 modulates nucleus accumbens GABA and glutamate, but not dopamine, in rats. <i>Neuropharmacology</i> , 2008, 54, 542-551. | 4.1 | 54 |
| 44 | Cannabinoid CB ₁ and CB ₂ receptor mechanisms underlie cannabis reward and aversion in rats. <i>British Journal of Pharmacology</i> , 2019, 176, 1268-1281. | 5.4 | 54 |
| 45 | Varenicline attenuates nicotine-enhanced brain-stimulation reward by activation of $\alpha 4\beta 2$ nicotinic receptors in rats. <i>Neuropharmacology</i> , 2009, 57, 60-66. | 4.1 | 52 |
| 46 | Inhibition of NAALADase by 2-PPMPA attenuates cocaine-induced relapse in rats: a NAAG-mGluR2/3-mediated mechanism. <i>Journal of Neurochemistry</i> , 2010, 112, 564-576. | 3.9 | 51 |
| 47 | Aggregated single-walled carbon nanotubes attenuate the behavioural and neurochemical effects of methamphetamine in mice. <i>Nature Nanotechnology</i> , 2016, 11, 613-620. | 31.5 | 51 |
| 48 | The highly selective dopamine D ₃ R antagonist, R-VK4-40 attenuates oxycodone reward and augments analgesia in rodents. <i>Neuropharmacology</i> , 2019, 158, 107597. | 4.1 | 51 |
| 49 | The novel dopamine D3 receptor antagonists/partial agonists CAB2-015 and BAK4-54 inhibit oxycodone-taking and oxycodone-seeking behavior in rats. <i>Neuropharmacology</i> , 2017, 126, 190-199. | 4.1 | 50 |
| 50 | The preferential dopamine D3 receptor antagonist S33138 inhibits cocaine reward and cocaine-triggered relapse to drug-seeking behavior in rats. <i>Neuropharmacology</i> , 2009, 56, 752-760. | 4.1 | 49 |
| 51 | CB1 Receptor Activation on Vglut2-Expressing Glutamatergic Neurons Underlies Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)-Induced Aversive Effects in Mice. <i>Scientific Reports</i> , 2017, 7, 12315. | 3.3 | 48 |
| 52 | N-acetylaspartylglutamate (NAAG) inhibits intravenous cocaine self-administration and cocaine-enhanced brain-stimulation reward in rats. <i>Neuropharmacology</i> , 2010, 58, 304-313. | 4.1 | 45 |
| 53 | High Affinity Dopamine D ₃ Receptor (D ₃ R)-Selective Antagonists Attenuate Heroin Self-Administration in Wild-Type but not D ₃ R Knockout Mice. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6195-6213. | 6.4 | 45 |
| 54 | Levo-tetrahydropalmatine inhibits cocaine's rewarding effects: Experiments with self-administration and brain-stimulation reward in rats. <i>Neuropharmacology</i> , 2007, 53, 771-782. | 4.1 | 44 |

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|----|---|-----|-----------|
| 55 | Progress in agonist therapy for substance use disorders: Lessons learned from methadone and buprenorphine. <i>Neuropharmacology</i> , 2019, 158, 107609. | 4.1 | 44 |
| 56 | Mechanisms of cannabinoid CB2 receptor-mediated reduction of dopamine neuronal excitability in mouse ventral tegmental area. <i>EBioMedicine</i> , 2019, 42, 225-237. | 6.1 | 44 |
| 57 | CB2 receptor antibody signal specificity: correlations with the use of partial CB2-knockout mice and anti-rat CB2 receptor antibodies. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 398-409. | 6.1 | 42 |
| 58 | Inhibition of non-vesicular glutamate release by group III metabotropic glutamate receptors in the nucleus accumbens. <i>Journal of Neurochemistry</i> , 2003, 87, 1204-1212. | 3.9 | 41 |
| 59 | Potential of Cannabinoid Receptor Ligands as Treatment for Substance Use Disorders. <i>CNS Drugs</i> , 2019, 33, 1001-1030. | 5.9 | 40 |
| 60 | Opiate tolerance by heroin self-administration: An fMRI study in rat. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 108-114. | 3.0 | 37 |
| 61 | Blockade of D3 receptors by YQA14 inhibits cocaine's rewarding effects and relapse to drug-seeking behavior in rats. <i>Neuropharmacology</i> , 2014, 77, 398-405. | 4.1 | 37 |
| 62 | Cannabinoid CB1 receptor neutral antagonist AM4113 inhibits heroin self-administration without depressive side effects in rats. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 365-373. | 6.1 | 37 |
| 63 | Different receptor mechanisms underlying phytocannabinoid- versus synthetic cannabinoid-induced tetrad effects: Opposite roles of CB ₁ /CB ₂ versus GPR55 receptors. <i>British Journal of Pharmacology</i> , 2020, 177, 1865-1880. | 5.4 | 36 |
| 64 | New Drugs, Old Targets: Tweaking the Dopamine System to Treat Psychostimulant Use Disorders. <i>Annual Review of Pharmacology and Toxicology</i> , 2021, 61, 609-628. | 9.4 | 36 |
| 65 | Mechanism-based medication development for the treatment of nicotine dependence. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 723-739. | 6.1 | 35 |
| 66 | Dopamine D3 receptor deletion or blockade attenuates cocaine-induced conditioned place preference in mice. <i>Neuropharmacology</i> , 2013, 72, 82-87. | 4.1 | 35 |
| 67 | Translating the atypical dopamine uptake inhibitor hypothesis toward therapeutics for treatment of psychostimulant use disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 1435-1444. | 5.4 | 35 |
| 68 | Attenuation of brain response to heroin correlates with the reinstatement of heroin-seeking in rats by fMRI. <i>NeuroImage</i> , 2004, 22, 1328-1335. | 4.2 | 34 |
| 69 | A novel mGluR5 antagonist, MFZ 1017, inhibits cocaine-taking and cocaine-seeking behavior in rats. <i>Addiction Biology</i> , 2014, 19, 195-209. | 2.6 | 34 |
| 70 | Genetic deletion of vesicular glutamate transporter in dopamine neurons increases vulnerability to MPTP-induced neurotoxicity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11532-E11541. | 7.1 | 34 |
| 71 | A single high dose of methamphetamine increases cocaine self-administration by depletion of striatal dopamine in rats. <i>Neuroscience</i> , 2009, 161, 392-402. | 2.3 | 33 |
| 72 | Fenobam sulfate inhibits cocaine-taking and cocaine-seeking behavior in rats: implications for addiction treatment in humans. <i>Psychopharmacology</i> , 2013, 229, 253-265. | 3.1 | 33 |

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|----|---|-----|-----------|
| 73 | Cocaine reward is reduced by decreased expression of receptor-type protein tyrosine phosphatase D (PTPRD) and by a novel PTPRD antagonist. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11597-11602. | 7.1 | 33 |
| 74 | mGluR5 antagonism inhibits cocaine reinforcement and relapse by elevation of extracellular glutamate in the nucleus accumbens via a CB1 receptor mechanism. Scientific Reports, 2018, 8, 3686. | 3.3 | 32 |
| 75 | Investigation of Novel Primary and Secondary Pharmacophores and 3-Substitution in the Linking Chain of a Series of Highly Selective and Bitopic Dopamine D ₃ Receptor Antagonists and Partial Agonists. Journal of Medicinal Chemistry, 2019, 62, 9061-9077. | 6.4 | 30 |
| 76 | Cannabidiol inhibits sucrose self-administration by <sc>CB</sc>1 and <sc>CB</sc>2 receptor mechanisms in rodents. Addiction Biology, 2020, 25, e12783. | 2.6 | 30 |
| 77 | The Novel Modafinil Analog, JJC8-016, as a Potential Cocaine Abuse Pharmacotherapeutic. Neuropsychopharmacology, 2017, 42, 1871-1883. | 5.4 | 29 |
| 78 | Deletion of Type 2 Metabotropic Glutamate Receptor Decreases Sensitivity to Cocaine Reward in Rats. Cell Reports, 2017, 20, 319-332. | 6.4 | 28 |
| 79 | Dopamine D3 receptor-based medication development for the treatment of opioid use disorder: Rationale, progress, and challenges. Neuroscience and Biobehavioral Reviews, 2020, 114, 38-52. | 6.1 | 27 |
| 80 | Gamma-vinyl GABA inhibits cocaine-triggered reinstatement of drug-seeking behavior in rats by a non-dopaminergic mechanism. Drug and Alcohol Dependence, 2008, 97, 216-225. | 3.2 | 26 |
| 81 | Is Slow-Onset Long-Acting Monoamine Transport Blockade to Cocaine as Methadone is to Heroin? Implication for Anti-Addiction Medications. Neuropsychopharmacology, 2010, 35, 2564-2578. | 5.4 | 26 |
| 82 | Effects of gabapentin on cocaine self-administration, cocaine-triggered relapse and cocaine-enhanced nucleus accumbens dopamine in rats. Drug and Alcohol Dependence, 2008, 97, 207-215. | 3.2 | 24 |
| 83 | Oral administration of the NAALADase inhibitor GPI-5693 attenuates cocaine-induced reinstatement of drug-seeking behavior in rats. European Journal of Pharmacology, 2010, 627, 156-161. | 3.5 | 24 |
| 84 | Newly Developed Dopamine D ₃ Receptor Antagonists, <i>R</i>-VK4-40 and <i>R</i>-VK4-116, Do Not Potentiate Cardiovascular Effects of Cocaine or Oxycodone in Rats. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 602-614. | 2.5 | 24 |
| 85 | Possible Receptor Mechanisms Underlying Cannabidiol Effects on Addictive-like Behaviors in Experimental Animals. International Journal of Molecular Sciences, 2021, 22, 134. | 4.1 | 24 |
| 86 | Î²-Caryophyllene, a dietary terpenoid, inhibits nicotine taking and nicotine seeking in rodents. British Journal of Pharmacology, 2020, 177, 2058-2072. | 5.4 | 21 |
| 87 | Genetic deletion of the dopamine D3 receptor increases vulnerability to heroin in mice. Neuropharmacology, 2018, 141, 11-20. | 4.1 | 20 |
| 88 | Modafinil and its structural analogs as atypical dopamine uptake inhibitors and potential medications for psychostimulant use disorder. Current Opinion in Pharmacology, 2021, 56, 13-21. | 3.5 | 20 |
| 89 | Cannabinoid CB2 receptors are expressed in glutamate neurons in the red nucleus and functionally modulate motor behavior in mice. Neuropharmacology, 2021, 189, 108538. | 4.1 | 20 |
| 90 | Preclinical pharmacology, efficacy, and safety of varenicline in smoking cessation and clinical utility in high risk patients. Drug, Healthcare and Patient Safety, 2010, 2010, 39. | 2.5 | 19 |

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|-----|--|-----|-----------|
| 91 | Neurochemical and behavioral comparisons of contingent and non-contingent methamphetamine exposure following binge or yoked long-access self-administration paradigms. <i>Psychopharmacology</i> , 2020, 237, 1989-2005. | 3.1 | 19 |
| 92 | Beta-caryophyllene inhibits cocaine addiction-related behavior by activation of PPAR α and PPAR δ : repurposing a FDA-approved food additive for cocaine use disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 860-870. | 5.4 | 19 |
| 93 | Optogenetic brain stimulation reward: A new procedure to reevaluate the rewarding <i>versus</i> aversive effects of cannabinoids in dopamine transporter α Cre mice. <i>Addiction Biology</i> , 2021, 26, e13005. | 2.6 | 19 |
| 94 | Metabotropic glutamate 7 (mGlu7) receptor: A target for medication development for the treatment of cocaine dependence. <i>Neuropharmacology</i> , 2013, 66, 12-23. | 4.1 | 18 |
| 95 | Combination of Levo-Tetrahydropalmatine and Low Dose Naltrexone: A Promising Treatment for Prevention of Cocaine Relapse. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 248-257. | 2.5 | 18 |
| 96 | Deletion of the type 2 metabotropic glutamate receptor increases heroin abuse vulnerability in transgenic rats. <i>Neuropsychopharmacology</i> , 2018, 43, 2615-2626. | 5.4 | 18 |
| 97 | Dissecting the role of CB1 and CB2 receptors in cannabinoid reward versus aversion using transgenic CB1- and CB2-knockout mice. <i>European Neuropsychopharmacology</i> , 2021, 43, 38-51. | 0.7 | 18 |
| 98 | R-Modafinil Attenuates Nicotine-Taking and Nicotine-Seeking Behavior in Alcohol-Preferring Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 1762-1771. | 5.4 | 16 |
| 99 | T394A Mutation at the μ Opioid Receptor Blocks Opioid Tolerance and Increases Vulnerability to Heroin Self-Administration in Mice. <i>Journal of Neuroscience</i> , 2016, 36, 10392-10403. | 3.6 | 16 |
| 100 | Progress in opioid reward research: From a canonical two-neuron hypothesis to two neural circuits. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 200, 173072. | 2.9 | 16 |
| 101 | (\pm)VK440, a novel dopamine D ₃ receptor partial agonist, attenuates cocaine reward and relapse in rodents. <i>British Journal of Pharmacology</i> , 2020, 177, 4796-4807. | 5.4 | 15 |
| 102 | Identification of novel mouse and rat CB1R isoforms and in silico modeling of human CB1R for peripheral cannabinoid therapeutics. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 387-397. | 6.1 | 14 |
| 103 | Xie2-64, a novel CB2 receptor inverse agonist, reduces cocaine abuse-related behaviors in rodents. <i>Neuropharmacology</i> , 2020, 176, 108241. | 4.1 | 13 |
| 104 | Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. <i>Neuropsychopharmacology</i> , 2020, 45, 1518-1526. | 5.4 | 13 |
| 105 | Repeated cocaine administration upregulates CB2 receptor expression in striatal medium-spiny neurons that express dopamine D1 receptors in mice. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 876-888. | 6.1 | 13 |
| 106 | Involvement of the ghrelin system in the maintenance and reinstatement of cocaine-motivated behaviors: a role of adrenergic action at peripheral α 1 receptors. <i>Neuropsychopharmacology</i> , 2022, 47, 1449-1460. | 5.4 | 13 |
| 107 | Effects of metabotropic glutamate receptor ligands on male sexual behavior in rats. <i>Neuropharmacology</i> , 2013, 66, 373-381. | 4.1 | 12 |
| 108 | Increased novelty-induced locomotion, sensitivity to amphetamine, and extracellular dopamine in striatum of Zdhc15-deficient mice. <i>Translational Psychiatry</i> , 2021, 11, 65. | 4.8 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Î²-caryophyllene, an FDA-Approved Food Additive, Inhibits Methamphetamine-Taking and Methamphetamine-Seeking Behaviors Possibly via CB2 and Non-CB2 Receptor Mechanisms. <i>Frontiers in Pharmacology</i> , 2021, 12, 722476. | 3.5 | 12 |
| 110 | Effects of the selective dopamine D3 receptor antagonist PG01037 on morphine-induced hyperactivity and antinociception in mice. <i>Behavioural Brain Research</i> , 2021, 415, 113506. | 2.2 | 12 |
| 111 | CTDP-32476: A Promising Agonist Therapy for Treatment of Cocaine Addiction. <i>Neuropsychopharmacology</i> , 2017, 42, 682-694. | 5.4 | 11 |
| 112 | Î² 8-â€¢Tetrahydrocannabivarin has potent anti-â€¢nicotine effects in several rodent models of nicotine dependence. <i>British Journal of Pharmacology</i> , 2019, 176, 4773-4784. | 5.4 | 11 |
| 113 | Current Perspectives on Selective Dopamine D3 Receptor Antagonists/Partial Agonists as Pharmacotherapeutics for Opioid and Psychostimulant Use Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 157-201. | 1.7 | 11 |
| 114 | Involvement of the ghrelin system in the maintenance of oxycodone self-administration: converging evidence from endocrine, pharmacologic and transgenic approaches. <i>Molecular Psychiatry</i> , 2022, 27, 2171-2181. | 7.9 | 9 |
| 115 | Gamma-vinyl GABA increases nonvesicular release of GABA and glutamate in the nucleus accumbens in rats via action on anion channels and GABA transporters. <i>Psychopharmacology</i> , 2010, 208, 511-519. | 3.1 | 8 |
| 116 | Deletion of VGLUT2 in midbrain dopamine neurons attenuates dopamine and glutamate responses to methamphetamine in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 202, 173104. | 2.9 | 8 |
| 117 | Elevation of Extracellular Glutamate by Blockade of Astrocyte Glutamate Transporters Inhibits Cocaine Reinforcement in Rats via a NMDA-GluN2B Receptor Mechanism. <i>Journal of Neuroscience</i> , 2022, 42, 2327-2343. | 3.6 | 8 |
| 118 | Receptor mechanisms underlying the CNS effects of cannabinoids: CB1 receptor and beyond. <i>Advances in Pharmacology</i> , 2022, 93, 275-333. | 2.0 | 8 |
| 119 | Identification of the Risk Genes Associated With Vulnerability to Addiction: Major Findings From Transgenic Animals. <i>Frontiers in Neuroscience</i> , 2021, 15, 811192. | 2.8 | 6 |
| 120 | Synaptic Zn ²⁺ potentiates the effects of cocaine on striatal dopamine neurotransmission and behavior. <i>Translational Psychiatry</i> , 2021, 11, 570. | 4.8 | 3 |
| 121 | Therapeutic potential of PIMSR, a novel CB1 receptor neutral antagonist, for cocaine use disorder: evidence from preclinical research. <i>Translational Psychiatry</i> , 2022, 12, . | 4.8 | 3 |
| 122 | Cocaine-taking and cocaine-seeking behaviors in rats remain stable after systemic administration of GYKI 52466: A non-competitive AMPA receptor antagonist. <i>Neuroscience Letters</i> , 2012, 508, 106-109. | 2.1 | 2 |
| 123 | Opiate Self-Administration. , 2003, 84, 251-264. | | 1 |
| 124 | Mitochondrial Clk1-iron-DAT regulation pathway: a possible new therapeutic target for methamphetamine use disorder. <i>Acta Pharmacologica Sinica</i> , 2021, , . | 6.1 | 1 |
| 125 | Medication Development for the Treatment of Cocaine Addiction â€“ Progress at Preclinical and Clinical Levels. , 2012, , . | | 0 |
| 126 | Methadone Usage, Misuse, and Addiction Processes. , 2016, , 399-406. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Pharmacology in the age of circuit neuroscience: Illuminating the neural mechanisms of reward, drug use and addiction and enlightening the future of translational research. Pharmacology Biochemistry and Behavior, 2021, 206, 173187. | 2.9 | 0 |
| 128 | Beyond small-molecule SAR: Using the dopamine D3 receptor crystal structure to guide drug design. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY20-2. | 0.0 | 0 |
| 129 | Mechanisms of Cannabinoid CB2 Receptor-Mediated Reduction of Dopamine Neuronal Excitability in Mouse Ventral Tegmental Area. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 130 | Structurally Similar and Behaviorally Unique Modafinil Analogs as Potential Pharmacotherapeutics for Psychostimulant Use Disorder. FASEB Journal, 2019, 33, 664.6. | 0.5 | 0 |
| 131 | Beta-aryophyllene, a Volatile Phytocannabinoid, Attenuates Cocaine Self-Administration and Relapse in Rats. FASEB Journal, 2020, 34, 1-1. | 0.5 | 0 |
| 132 | Gap Junctions Modulate The Effects Of Modafinil On Cocaine Self-Administration Behavior In A Dopamine-Independent Fashion In Rats. FASEB Journal, 2020, 34, 1-1. | 0.5 | 0 |