# Peter W Kalivas

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 148 papers | 22,486 citations | 15504 65 h-index | 11308 136 g-index |
| 156 all docs | 156 docs citations | 156 times ranked | 11797 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Neural Basis of Addiction: A Pathology of Motivation and Choice. American Journal of Psychiatry, 2005, 162, 1403-1413. | 7.2 | 2,651 |
| 2 | Dopamine transmission in the initiation and expression of drug- and stress-induced sensitization of motor activity. Brain Research Reviews, 1991, 16, 223-244. | 9.0 | 1,937 |
| 3 | The glutamate homeostasis hypothesis of addiction. Nature Reviews Neuroscience, 2009, 10, 561-572. | 10.2 | 1,373 |
| 4 | Drug Addiction as a Pathology of Staged Neuroplasticity. Neuropsychopharmacology, 2008, 33, 166-180. | 5.4 | 902 |
| 5 | Prefrontal Glutamate Release into the Core of the Nucleus Accumbens Mediates Cocaine-Induced Reinstatement of Drug-Seeking Behavior. Journal of Neuroscience, 2003, 23, 3531-3537. | 3.6 | 834 |
| 6 | The Circuitry Mediating Cocaine-Induced Reinstatement of Drug-Seeking Behavior. Journal of Neuroscience, 2001, 21, 8655-8663. | 3.6 | 795 |
| 7 | Neuroadaptations in cystine-glutamate exchange underlie cocaine relapse. Nature Neuroscience, 2003, 6, 743-749. | 14.8 | 659 |
| 8 | Extinction circuits for fear and addiction overlap in prefrontal cortex. Learning and Memory, 2009, 16, 279-288. | 1.3 | 639 |
| 9 | Drug Wanting: Behavioral Sensitization and Relapse to Drug-Seeking Behavior. Pharmacological Reviews, 2011, 63, 348-365. | 16.0 | 580 |
| 10 | Brain circuitry and the reinstatement of cocaine-seeking behavior. Psychopharmacology, 2003, 168, 44-56. | 3.1 | 559 |
| 11 | Limbic and Motor Circuitry Underlying Footshock-Induced Reinstatement of Cocaine-Seeking Behavior. Journal of Neuroscience, 2004, 24, 1551-1560. | 3.6 | 468 |
| 12 | Infralimbic Prefrontal Cortex Is Responsible for Inhibiting Cocaine Seeking in Extinguished Rats. Journal of Neuroscience, 2008, 28, 6046-6053. | 3.6 | 465 |
| 13 | Coding the direct/indirect pathways by D1 and D2 receptors is not valid for accumbens projections. Nature Neuroscience, 2015, 18, 1230-1232. | 14.8 | 372 |
| 14 | N-Acetylcysteine reverses cocaine-induced metaplasticity. Nature Neuroscience, 2009, 12, 182-189. | 14.8 | 362 |
| 15 | Ceftriaxone Restores Glutamate Homeostasis and Prevents Relapse to Cocaine Seeking. Biological Psychiatry, 2010, 67, 81-84. | 1.3 | 351 |
| 16 | Glutamate transmission in addiction. Neuropharmacology, 2009, 56, 169-173. | 4.1 | 340 |
| 17 | Glutamate Release in the Nucleus Accumbens Core Is Necessary for Heroin Seeking. Journal of Neuroscience, 2008, 28, 3170-3177. | 3.6 | 318 |
| 18 | Glutamate systems in cocaine addiction. Current Opinion in Pharmacology, 2004, 4, 23-29. | 3.5 | 306 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Cocaine-induced adaptations in D1 and D2 accumbens projection neurons (a dichotomy not necessarily) Tj ETQq1 1 0.784314 rgBT /Ov | 4.2 | 234 |
| 20 | The Role of Cystine-Glutamate Exchange in Nicotine Dependence in Rats and Humans. Biological Psychiatry, 2009, 65, 841-845. | 1.3 | 233 |
| 21 | Reinstatement of nicotine seeking is mediated by glutamatergic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9124-9129. | 7.1 | 210 |
| 22 | Optogenetic inhibition of cocaine seeking in rats. Addiction Biology, 2013, 18, 50-53. | 2.6 | 208 |
| 23 | N-Acetylcysteine Reduces Extinction Responding and Induces Enduring Reductions in Cue- and Heroin-Induced Drug-Seeking. Biological Psychiatry, 2008, 63, 338-340. | 1.3 | 207 |
| 24 | Altered Dendritic Spine Plasticity in Cocaine-Withdrawn Rats. Journal of Neuroscience, 2009, 29, 2876-2884. | 3.6 | 192 |
| 25 | Is Cocaine Desire Reduced byN-Acetylcysteine?. American Journal of Psychiatry, 2007, 164, 1115-1117. | 7.2 | 187 |
| 26 | Extinction Training after Cocaine Self-Administration Induces Glutamatergic Plasticity to Inhibit Cocaine Seeking. Journal of Neuroscience, 2010, 30, 7984-7992. | 3.6 | 187 |
| 27 | Relapse Induced by Cues Predicting Cocaine Depends on Rapid, Transient Synaptic Potentiation. Neuron, 2013, 77, 867-872. | 8.1 | 186 |
| 28 | The group II metabotropic glutamate receptor agonist, LY379268, inhibits both cocaine- and food-seeking behavior in rats. Psychopharmacology, 2006, 186, 143-149. | 3.1 | 177 |
| 29 | Using glutamate homeostasis as a target for treating addictive disorders. Behavioural Pharmacology, 2010, 21, 514-522. | 1.7 | 177 |
| 30 | Potential Role of N-Acetylcysteine in the Management of Substance Use Disorders. CNS Drugs, 2014, 28, 95-106. | 5.9 | 159 |
| 31 | Astrocytic Dysfunction and Addiction. Neuroscientist, 2014, 20, 610-622. | 3.5 | 158 |
| 32 | Gq-DREADD Selectively Initiates Glial Glutamate Release and Inhibits Cue-induced Cocaine Seeking. Biological Psychiatry, 2015, 78, 441-451. | 1.3 | 156 |
| 33 | The infralimbic cortex regulates the consolidation of extinction after cocaine self-administration. Learning and Memory, 2010, 17, 168-175. | 1.3 | 155 |
| 34 | Heroin relapse requires long-term potentiation-like plasticity mediated by NMDA2b-containing receptors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19407-19412. | 7.1 | 154 |
| 35 | Reversing cocaine-induced synaptic potentiation provides enduring protection from relapse. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 385-390. | 7.1 | 154 |
| 36 | Extracellular Glutamate: Functional Compartments Operate in Different Concentration Ranges. Frontiers in Systems Neuroscience, 2011, 5, 94. | 2.5 | 150 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Glutamate transporter <scp>GLT</scp>â€1 mediates <scp>N</scp>â€acetylcysteine inhibition of cocaine reinstatement. Addiction Biology, 2015, 20, 316-323. | 2.6 | 149 |
| 38 | Synaptic Glutamate Spillover Due to Impaired Glutamate Uptake Mediates Heroin Relapse. Journal of Neuroscience, 2014, 34, 5649-5657. | 3.6 | 141 |
| 39 | Cocaine-Induced Reinstatement Requires Endogenous Stimulation of Â-Opioid Receptors in the Ventral Pallidum. Journal of Neuroscience, 2005, 25, 4512-4520. | 3.6 | 137 |
| 40 | Addiction as a pathology in prefrontal cortical regulation of corticostriatal habit circuitry. Neurotoxicity Research, 2008, 14, 185-189. | 2.7 | 137 |
| 41 | Context-specific Enhancement of Glutamate Transmission by Cocaine. Neuropsychopharmacology, 2000, 23, 335-344. | 5.4 | 133 |
| 42 | Cocaine Increases Actin Cycling: Effects in the Reinstatement Model of Drug Seeking. Journal of Neuroscience, 2006, 26, 1579-1587. | 3.6 | 133 |
| 43 | Cocaine Self-Administration and Extinction Leads to Reduced Glial Fibrillary Acidic Protein Expression and Morphometric Features of Astrocytes in the Nucleus Accumbens Core. Biological Psychiatry, 2016, 80, 207-215. | 1.3 | 133 |
| 44 | Neural circuit competition in cocaineâ€seeking: roles of the infralimbic cortex and nucleus accumbens shell. European Journal of Neuroscience, 2012, 35, 614-622. | 2.6 | 128 |
| 45 | Group II metabotropic glutamate receptors (mGlu2/3) in drug addiction. European Journal of Pharmacology, 2010, 639, 115-122. | 3.5 | 125 |
| 46 | Rapid, transient synaptic plasticity in addiction. Neuropharmacology, 2014, 76, 276-286. | 4.1 | 124 |
| 47 | Synaptic plasticity mediating cocaine relapse requires matrix metalloproteinases. Nature Neuroscience, 2014, 17, 1655-1657. | 14.8 | 121 |
| 48 | The Effect of N-Acetylcysteine in the Nucleus Accumbens on Neurotransmission and Relapse to Cocaine. Biological Psychiatry, 2012, 71, 978-986. | 1.3 | 117 |
| 49 | Animal Models and Brain Circuits in Drug Addiction. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2006, 6, 339-344. | 3.4 | 117 |
| 50 | Loss of Plasticity in the D2-Accumbens Pallidal Pathway Promotes Cocaine Seeking. Journal of Neuroscience, 2017, 37, 757-767. | 3.6 | 109 |
| 51 | Glutamate Transporter GLT-1 as a Therapeutic Target for Substance Use Disorders. CNS and Neurological Disorders - Drug Targets, 2015, 14, 745-756. | 1.4 | 108 |
| 52 | Optogenetic dissection of basolateral amygdala projections during cue-induced reinstatement of cocaine seeking. Frontiers in Behavioral Neuroscience, 2013, 7, 213. | 2.0 | 107 |
| 53 | Optogenetic Evidence That Pallidal Projections, Not Nigral Projections, from the Nucleus Accumbens Core Are Necessary for Reinstating Cocaine Seeking. Journal of Neuroscience, 2013, 33, 13654-13662. | 3.6 | 106 |
| 54 | Chemogenetic Activation of an Extinction Neural Circuit Reduces Cue-Induced Reinstatement of Cocaine Seeking. Journal of Neuroscience, 2016, 36, 10174-10180. | 3.6 | 103 |

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|---|---|---|---|
| 55 | Optogenetic inhibition of cortical afferents in the nucleus accumbens simultaneously prevents cue-induced transient synaptic potentiation and cocaine-seeking behavior. Brain Structure and Function, 2016, 221, 1681-1689. | 2.3 | 103 |
| 56 | Involvement of the Pallidal-thalamocortical Circuit in Adaptive Behavior. Annals of the New York Academy of Sciences, 1999, 877, 64-70. | 3.8 | 102 |
| 57 | Cocaine Sensitization and Craving. Journal of Addictive Diseases, 2001, 20, 43-54. | 1.3 | 102 |
| 58 | Glutamate Transmission and Addiction to Cocaine. Annals of the New York Academy of Sciences, 2003, 1003, 169-175. | 3.8 | 102 |
| 59 | Cocaine and amphetamine-like psychostimulants: neurocircuitry and glutamate neuroplasticity. Dialogues in Clinical Neuroscience, 2007, 9, 389-397. | 3.7 | 99 |
| 60 | Understanding Addiction Using Animal Models. Frontiers in Behavioral Neuroscience, 2019, 13, 262. | 2.0 | 98 |
| 61 | HDAC5 and Its Target Gene, Npas4, Function in the Nucleus Accumbens to Regulate Cocaine-Conditioned Behaviors. Neuron, 2017, 96, 130-144.e6. | 8.1 | 88 |
| 62 | Ventral Pallidum Is the Primary Target for Accumbens D1 Projections Driving Cocaine Seeking. Journal of Neuroscience, 2019, 39, 2041-2051. | 3.6 | 81 |
| 63 | Accumbens nNOS Interneurons Regulate Cocaine Relapse. Journal of Neuroscience, 2017, 37, 742-756. | 3.6 | 80 |
| 64 | Metabotropic glutamatergic receptors and their ligands in drug addiction. , 2014, 142, 281-305. | | 74 |
| 65 | Exciting inhibition in psychostimulant addiction. Trends in Neurosciences, 2006, 29, 610-616. | 8.6 | 70 |
| 66 | Automated quantification of dendritic spine density and spine head diameter in medium spiny neurons of the nucleus accumbens. Brain Structure and Function, 2008, 213, 149-157. | 2.3 | 70 |
| 67 | A Model of Î”9-Tetrahydrocannabinol Self-administration and Reinstatement That Alters Synaptic Plasticity in Nucleus Accumbens. Biological Psychiatry, 2018, 84, 601-610. | 1.3 | 68 |
| 68 | A Double-Blind, Randomized, Controlled Pilot Trial of <em>N</em>-Acetylcysteine in Veterans With Posttraumatic Stress Disorder and Substance Use Disorders. Journal of Clinical Psychiatry, 2016, 77, e1439-e1446. | 2.2 | 66 |
| 69 | The tetrapartite synapse: Extracellular matrix remodeling contributes to corticoaccumbens plasticity underlying drug addiction. Brain Research, 2015, 1628, 29-39. | 2.2 | 64 |
| 70 | Prelimbic Cortex and Ventral Tegmental Area Modulate Synaptic Plasticity Differentially in Nucleus Accumbens During Cocaine-Reinstated Drug Seeking. Neuropsychopharmacology, 2014, 39, 1169-1177. | 5.4 | 61 |
| 71 | Signals from the Fourth Dimension Regulate Drug Relapse. Trends in Neurosciences, 2016, 39, 472-485. | 8.6 | 60 |
| 72 | Corticostriatal plasticity, neuronal ensembles, and regulation of drug-seeking behavior. Progress in Brain Research, 2017, 235, 93-112. | 1.4 | 59 |

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| 73 | How do we determine which drug-induced neuroplastic changes are important?. Nature Neuroscience, 2005, 8, 1440-1441. | 14.8 | 58 |
| 74 | Opposing Regulation of Cocaine Seeking by Glutamate and GABA Neurons in the Ventral Pallidum. Cell Reports, 2020, 30, 2018-2027.e3. | 6.4 | 58 |
| 75 | Recent understanding in the mechanisms of addiction. Current Psychiatry Reports, 2004, 6, 347-351. | 4.5 | 56 |
| 76 | Heroin Cueâ€“Evoked Astrocytic Structural Plasticity at Nucleus Accumbens Synapses Inhibits Heroin Seeking. Biological Psychiatry, 2019, 86, 811-819. | 1.3 | 56 |
| 77 | Chronic Administration of the Methylxanthine Propentofylline Impairs Reinstatement to Cocaine by a GLT-1-Dependent Mechanism. Neuropsychopharmacology, 2014, 39, 499-506. | 5.4 | 54 |
| 78 | Glutamate Transport: A New Bench to Bedside Mechanism for Treating Drug Abuse. International Journal of Neuropsychopharmacology, 2017, 20, 797-812. | 2.1 | 52 |
| 79 | GABAergic projection from the ventral pallidum and globus pallidus to the subthalamic nucleus. Synapse, 1995, 20, 10-18. | 1.2 | 49 |
| 80 | The good and bad news about glutamate in drug addiction. Journal of Psychopharmacology, 2016, 30, 1095-1098. | 4.0 | 47 |
| 81 | Use of vivo-morpholinos for control of protein expression in the adult rat brain. Journal of Neuroscience Methods, 2012, 203, 354-360. | 2.5 | 46 |
| 82 | Cocaine Dysregulates Opioid Gating of GABA Neurotransmission in the Ventral Pallidum. Journal of Neuroscience, 2014, 34, 1057-1066. | 3.6 | 45 |
| 83 | Cocaine and sucrose rewards recruit different seeking ensembles in the nucleus accumbens core. Molecular Psychiatry, 2020, 25, 3150-3163. | 7.9 | 44 |
| 84 | Regional distribution and cellular localization of ?-aminobutyric acid subtype 1 receptor mRNA in the rat brain. , 1999, 407, 166-182. | | 43 |
| 85 | The Opioid-Addicted Tetrapartite Synapse. Biological Psychiatry, 2020, 87, 34-43. | 1.3 | 39 |
| 86 | Metaplasticity at the addicted tetrapartite synapse: A common denominator of drug induced adaptations and potential treatment target for addiction. Neurobiology of Learning and Memory, 2018, 154, 97-111. | 1.9 | 38 |
| 87 | The rostral subcommissural ventral pallidum is a mix of ventral pallidal neurons and neurons from adjacent areas: an electrophysiological study. Brain Structure and Function, 2013, 218, 1487-1500. | 2.3 | 36 |
| 88 | Drug Refraining and Seeking Potentiate Synapses on Distinct Populations of Accumbens Medium Spiny Neurons. Journal of Neuroscience, 2018, 38, 7100-7107. | 3.6 | 35 |
| 89 | An open-label pilot trial ofN-acetylcysteine and varenicline in adult cigarette smokers. American Journal of Drug and Alcohol Abuse, 2015, 41, 52-56. | 2.1 | 34 |
| 90 | New vistas on cannabis use disorder. Neuropharmacology, 2017, 124, 62-72. | 4.1 | 33 |

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| 91 | Corticostriatal circuitry in regulating diseases characterized by intrusive thinking. Dialogues in Clinical Neuroscience, 2016, 18, 65-76. | 3.7 | 33 |
| 92 | Extracellular Matrix Signaling Through Î²3 Integrin Mediates Cocaine Cueâ€“Induced Transient Synaptic Plasticity and Relapse. Biological Psychiatry, 2019, 86, 377-387. | 1.3 | 31 |
| 93 | Interrupted expression ofNAC-1 augments the behavioral responses to cocaine. , 1999, 33, 153-159. | | 28 |
| 94 | Â2Â-1 Signaling in Nucleus Accumbens Is Necessary for Cocaine-Induced Relapse. Journal of Neuroscience, 2014, 34, 8605-8611. | 3.6 | 27 |
| 95 | Cocaine Use Reverses Striatal Plasticity Produced During Cocaine Seeking. Biological Psychiatry, 2017, 81, 616-624. | 1.3 | 27 |
| 96 | Nâ€Acetylcysteine treatment during acute stress prevents stressâ€induced augmentation of addictive drug use and relapse. Addiction Biology, 2020, 25, e12798. | 2.6 | 27 |
| 97 | Astrocyte regulation of synaptic signaling in psychiatric disorders. Neuropsychopharmacology, 2023, 48, 21-36. | 5.4 | 27 |
| 98 | Heroin Seeking and Extinction From Seeking Activate Matrix Metalloproteinases at Synapses on Distinct Subpopulations of Accumbens Cells. Biological Psychiatry, 2021, 89, 947-958. | 1.3 | 26 |
| 99 | Stressâ€induced sensitization to cocaine: actin cytoskeleton remodeling within mesocorticolimbic nuclei. European Journal of Neuroscience, 2012, 36, 3103-3117. | 2.6 | 25 |
| 100 | Astrocytes as cellular mediators of cue reactivity in addiction. Current Opinion in Pharmacology, 2021, 56, 1-6. | 3.5 | 25 |
| 101 | Circuit selectivity in drug versus natural reward seeking behaviors. Journal of Neurochemistry, 2021, 157, 1450-1472. | 3.9 | 25 |
| 102 | Rapid, transient potentiation of dendritic spines in context-induced relapse to cocaine seeking. Addiction Biology, 2014, 19, 972-974. | 2.6 | 24 |
| 103 | The Potential of N-Acetyl-L-Cysteine (NAC) in the Treatment of Psychiatric Disorders. CNS Drugs, 2022, 36, 451-482. | 5.9 | 24 |
| 104 | Restoration of Kv7 Channel-Mediated Inhibition Reduces Cued-Reinstatement of Cocaine Seeking. Journal of Neuroscience, 2018, 38, 4212-4229. | 3.6 | 20 |
| 105 | N-acetylcysteine mitigates acute opioid withdrawal behaviors and CNS oxidative stress in neonatal rats. Pediatric Research, 2020, 88, 77-84. | 2.3 | 20 |
| 106 | Homer2 gene deletion in mice produces a phenotype similar to chronic cocaine treated rats. Neurotoxicity Research, 2004, 6, 385-387. | 2.7 | 19 |
| 107 | Accumbens Mechanisms for Cued Sucrose Seeking. Neuropsychopharmacology, 2017, 42, 2377-2386. | 5.4 | 19 |
| 108 | Accumbens D2-MSN hyperactivity drives antipsychotic-induced behavioral supersensitivity. Molecular Psychiatry, 2021, 26, 6159-6169. | 7.9 | 19 |

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| 109 | Behavioral and accumbens synaptic plasticity induced by cues associated with restraint stress. Neuropsychopharmacology, 2021, 46, 1848-1856. | 5.4 | 18 |
| 110 | Abstinence From Drug Dependence After Bilateral Globus Pallidus Hypoxic-Ischemic Injury. Biological Psychiatry, 2016, 80, e79-e80. | 1.3 | 17 |
| 111 | Targeting redox regulation to treat substance use disorder using Nâ€acetylcysteine. European Journal of Neuroscience, 2019, 50, 2538-2551. | 2.6 | 17 |
| 112 | A role for glutamate transmission in addiction to psychostimulants. Addiction Biology, 2000, 5, 325-329. | 2.6 | 16 |
| 113 | The Monoamine Neurons of the Rat Brain Preferentially Express a Splice Variant of Î±1B Subunit of the N-Type Calcium Channel. Journal of Neurochemistry, 2002, 73, 1718-1723. | 3.9 | 16 |
| 114 | Relapse-Associated Transient Synaptic Potentiation Requires Integrin-Mediated Activation of Focal Adhesion Kinase and Cofilin in D1-Expressing Neurons. Journal of Neuroscience, 2020, 40, 8463-8477. | 3.6 | 16 |
| 115 | Accumbens brainâ€derived neurotrophic factor (BDNF) transmission inhibits cocaine seeking. Addiction Biology, 2019, 24, 860-873. | 2.6 | 15 |
| 116 | Post-translational S-glutathionylation of cofilin increases actin cycling during cocaine seeking. PLoS ONE, 2019, 14, e0223037. | 2.5 | 14 |
| 117 | The loss of NMDARâ€dependent LTD following cannabinoid selfâ€administration is restored by positive allosteric modulation of CB1 receptors. Addiction Biology, 2020, 25, e12843. | 2.6 | 14 |
| 118 | Astrocytes in the ventral pallidum extinguish heroin seeking through GAT-3 upregulation and morphological plasticity at D1-MSN terminals. Molecular Psychiatry, 2022, 27, 855-864. | 7.9 | 14 |
| 119 | Role of perisynaptic parameters in neurotransmitter homeostasisâ€”Computational study of a general synapse. Synapse, 2012, 66, 608-621. | 1.2 | 13 |
| 120 | N-acetylcysteine for the treatment of comorbid alcohol use disorder and posttraumatic stress disorder: Design and methodology of a randomized clinical trial. Contemporary Clinical Trials, 2020, 91, 105961. | 1.8 | 13 |
| 121 | Long-term impact of acute restraint stress on heroin self-administration, reinstatement, and stress reactivity. Psychopharmacology, 2020, 237, 1709-1721. | 3.1 | 13 |
| 122 | Molecular Diffusion Model of Neurotransmitter Homeostasis Around Synapses Supporting Gradients. Neural Computation, 2011, 23, 984-1014. | 2.2 | 12 |
| 123 | Getting to the core of addiction: Hatching the addiction egg. Nature Medicine, 2012, 18, 502-503. | 30.7 | 12 |
| 124 | A Novel Assay Allowing Drug Self-Administration, Extinction, and Reinstatement Testing in Head-Restrained Mice. Frontiers in Behavioral Neuroscience, 2021, 15, 744715. | 2.0 | 12 |
| 125 | Phenotype-dependent inhibition of glutamatergic transmission on nucleus accumbens medium spiny neurons by the abused inhalant toluene. Addiction Biology, 2016, 21, 530-546. | 2.6 | 11 |
| 126 | Dynamic CRMP2 Regulation of CaV2.2 in the Prefrontal Cortex Contributes to the Reinstatement of Cocaine Seeking. Molecular Neurobiology, 2020, 57, 346-357. | 4.0 | 11 |

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|---|---|---|---|
| 127 | Accumbens nNOS Interneurons Regulate Cocaine Relapse. Journal of Neuroscience, 2017, 37, 742-756. | 3.6 | 11 |
| 128 | The Temporal Sequence of Changes in Gene Expression by Drugs of Abuse. , 2003, 79, 03-12. | | 10 |
| 129 | A multi-centre, double-blind, 12-week, randomized, placebo-controlled trial to assess the efficacy of adjunctive N-Acetylcysteine for treatment-resistant PTSD: a study protocol. BMC Psychiatry, 2020, 20, 397. | 2.6 | 7 |
| 130 | More Cocaineâ€"More Glutamateâ€"More Addiction. Biological Psychiatry, 2014, 76, 765-766. | 1.3 | 6 |
| 131 | Transient synaptic potentiation in nucleus accumbens shell during refraining from cocaine seeking. Addiction Biology, 2020, 25, e12759. | 2.6 | 6 |
| 132 | Perspective: The Manifest Destiny of Cocaine Research. Neuropsychopharmacology, 2009, 34, 1089-1090. | 5.4 | 5 |
| 133 | Extrasynaptic therapeutic targets in substance use and stress disorders. Trends in Pharmacological Sciences, 2022, 43, 56-68. | 8.7 | 5 |
| 134 | Deconstructing and Reconstructing the Dichotomy That Is Dopamine Receptor-1â€“ and Dopamine Receptor-2â€“Expressing Neurons. Biological Psychiatry, 2018, 84, 862-864. | 1.3 | 4 |
| 135 | Non-Opioid Treatments for Opioid Use Disorder: Rationales and Data to Date. Drugs, 2020, 80, 1509-1524. | 10.9 | 4 |
| 136 | The Role of N-Acetylcysteine in Inhibiting Responding During Extinction in Rats Trained to Self-Administer Cocaine. The Open Addiction Journal, 2013, 3, 88-91. | 0.5 | 4 |
| 137 | Network-Based Discovery of Opioid Use Vulnerability in Rats Using the Bayesian Stochastic Block Model. Frontiers in Psychiatry, 2021, 12, 745468. | 2.6 | 4 |
| 138 | â€œMourningâ€•a lost opportunity. Psychopharmacology, 2014, 231, 3921-3922. | 3.1 | 2 |
| 139 | Assessing combined effects of varenicline and Nâ€acetylcysteine on reducing nicotine seeking in rats. Addiction Biology, 2022, 27, e13151. | 2.6 | 2 |
| 140 | S36. DIFFERENTIAL ENCODING OF SENSITIZATION AND CROSS SENSITIZATION TO PSYCHOSTIMULANTS AND ANTIPSYCHOTICS IN NUCLEUS ACCUMBENS D1- AND D2- RECEPTOR EXPRESSING MEDIUM SPINY NEURONS. Schizophrenia Bulletin, 2018, 44, S337-S338. | 4.3 | 1 |
| 141 | Cannabinoid use is enhanced by stress and changes conditioned stress responses. Neuropsychopharmacology, 2022, 47, 1037-1045. | 5.4 | 1 |
| 142 | Morphological plasticity of ventral pallidal astrocytes is associated with D1 receptor-expressing terminals during heroin seeking. Molecular Psychiatry, 2022, 27, 771-772. | 7.9 | 1 |
| 143 | Activity-dependent subcellular localization of NAC1, dendrites and glia. European Journal of Neuroscience, 2005, 22, 1552-1552. | 2.6 | 0 |
| 144 | Reply: Clinical Implications of Cocaine-Induced Cortical Depression. Neuropsychopharmacology, 2005, 30, 1034-1035. | 5.4 | 0 |

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| 145 | Stochastic Model of Glutamatergic PFC-NAc Synapse Predicts Cocaine-Induced Changes in Receptor Occupancy. , 2009, , . | | 0 |
| 146 | Reply to: N-Acetylcysteine in Treatment of Substance Use Disorders. Biological Psychiatry, 2019, 85, e61. | 1.3 | 0 |
| 147 | Understanding the Munchies. Neuron, 2020, 107, 11-13. | 8.1 | 0 |
| 148 | Drug versus nonâ€drug behaviors: A dualâ€reward model of sex differences and neurobiological mechanisms in rats. Journal of the Experimental Analysis of Behavior, 2022, 117, 457-471. | 1.1 | 0 |