

Christopher M Olsen

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,371
citations

394286

19
h-index

345118

36
g-index

39
all docs

39
docs citations

39
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural rewards, neuroplasticity, and non-drug addictions. <i>Neuropharmacology</i> , 2011, 61, 1109-1122.	2.0	274
2	Serotonergic Neurotoxic Metabolites of Ecstasy Identified in Rat Brain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 422-431.	1.3	108
3	Extracellular-Signal Regulated Kinase 1-Dependent Metabotropic Glutamate Receptor 5-Induced Long-Term Depression in the Bed Nucleus of the Stria Terminalis Is Disrupted by Cocaine Administration. <i>Journal of Neuroscience</i> , 2006, 26, 3210-3219.	1.7	103
4	Operant Sensation Seeking Engages Similar Neural Substrates to Operant Drug Seeking in C57 Mice. <i>Neuropsychopharmacology</i> , 2009, 34, 1685-1694.	2.8	99
5	Cholinergic interneurons of the nucleus accumbens and dorsal striatum are activated by the self-administration of cocaine. <i>Neuroscience</i> , 2003, 120, 1149-1156.	1.1	66
6	Cocaine Self-Administration Reduces Excitatory Responses in the Mouse Nucleus Accumbens Shell. <i>Neuropsychopharmacology</i> , 2006, 31, 1444-1451.	2.8	54
7	Head Rotational Acceleration Characteristics Influence Behavioral and Diffusion Tensor Imaging Outcomes Following Concussion. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1071-1088.	1.3	53
8	Operant Sensation Seeking Requires Metabotropic Glutamate Receptor 5 (mGluR5). <i>PLoS ONE</i> , 2010, 5, e15085.	1.1	43
9	Mitochondria-Targeted Honokiol Confers a Striking Inhibitory Effect on Lung Cancer via Inhibiting Complex I Activity. <i>IScience</i> , 2018, 3, 192-207.	1.9	40
10	Discovery of 2-(2-Benzoxazolyl amino)-4-Aryl-5-Cyanopyrimidine as Negative Allosteric Modulators (NAMs) of Metabotropic Glutamate Receptor 5 (mGlu ₅): From an Artificial Neural Network Virtual Screen to an In Vivo Tool Compound. <i>ChemMedChem</i> , 2012, 7, 406-414.	1.6	38
11	Voluntary Alcohol Intake following Blast Exposure in a Rat Model of Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2015, 10, e0125130.	1.1	33
12	Behavioral Outcomes Differ between Rotational Acceleration and Blast Mechanisms of Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2016, 7, 31.	1.1	29
13	CaMKII Activity in the Ventral Tegmental Area Gates Cocaine-Induced Synaptic Plasticity in the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2014, 39, 989-999.	2.8	28
14	Effects of Mild Blast Traumatic Brain Injury on Cognitive- and Addiction-Related Behaviors. <i>Scientific Reports</i> , 2018, 8, 9941.	1.6	28
15	Acute Clinical Predictors of Symptom Recovery in Emergency Department Patients with Uncomplicated Mild Traumatic Brain Injury or Non-Traumatic Brain Injuries. <i>Journal of Neurotrauma</i> , 2018, 35, 249-259.	1.7	26
16	Responses to drugs of abuse and non-drug rewards in leptin deficient ob/ob mice. <i>Psychopharmacology</i> , 2016, 233, 2799-2811.	1.5	25
17	(3-Cyano-5-fluorophenyl)biaryl Negative Allosteric Modulators of mGlu ₅ : Discovery of a New Tool Compound with Activity in the OSS Mouse Model of Addiction. <i>ACS Chemical Neuroscience</i> , 2011, 2, 471-482.	1.7	23
18	Increased Prefrontal Cortex Neurogranin Enhances Plasticity and Extinction Learning. <i>Journal of Neuroscience</i> , 2015, 35, 7503-7508.	1.7	22

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19	Repeated blast model of mild traumatic brain injury alters oxycodone self-administration and drug seeking. <i>European Journal of Neuroscience</i> , 2019, 50, 2101-2112.	1.2	22
20	Chronic D1 agonist and ethanol coadministration facilitate ethanol-mediated behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 335-342.	1.3	21
21	Phosphodiesterase 4 inhibitors and drugs of abuse: current knowledge and therapeutic opportunities. <i>Frontiers in Biology</i> , 2016, 11, 376-386.	0.7	21
22	Microarray analysis reveals distinctive signaling between the bed nucleus of the stria terminalis, nucleus accumbens, and dorsal striatum. <i>Physiological Genomics</i> , 2008, 32, 283-298.	1.0	20
23	Prefrontal cortex D1 modulation of the reinforcing properties of cocaine. <i>Brain Research</i> , 2006, 1075, 229-235.	1.1	19
24	S-SCAM, A Rare Copy Number Variation Gene, Induces Schizophrenia-Related Endophenotypes in Transgenic Mouse Model. <i>Journal of Neuroscience</i> , 2015, 35, 1892-1904.	1.7	19
25	Operant Sensation Seeking in the Mouse. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	18
26	Does Traumatic Brain Injury Cause Risky Substance Use or Substance Use Disorder?. <i>Biological Psychiatry</i> , 2022, 91, 421-437.	0.7	18
27	Stimulus dynamics increase the self-administration of compound visual and auditory stimuli. <i>Neuroscience Letters</i> , 2012, 511, 8-11.	1.0	17
28	Intravenous ethanol/cocaine self-administration initiates high intake of intravenous ethanol alone. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 787-794.	1.3	16
29	Experience-dependent effects of cocaine self-administration/conditioning on prefrontal and accumbens dopamine responses.. <i>Behavioral Neuroscience</i> , 2007, 121, 389-400.	0.6	16
30	Effects of 5-Ion Beam Irradiation and Hindlimb Unloading on Metabolic Pathways in Plasma and Brain of Behaviorally Tested WAG/Rij Rats. <i>Frontiers in Physiology</i> , 2021, 12, 746509.	1.3	14
31	Intra-prefrontal cortex injections of SCH 23390 influence nucleus accumbens dopamine levels 24 h post-infusion. <i>Brain Research</i> , 2001, 922, 80-86.	1.1	13
32	A method for single-session cocaine self-administration in the mouse. <i>Psychopharmacology</i> , 2006, 187, 13-21.	1.5	12
33	Prediction of Post-Concussive Behavioral Changes in a Rodent Model Based on Head Rotational Acceleration Characteristics. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3252-3265.	1.3	8
34	Repeated blast mild traumatic brain injury and oxycodone self-administration produce interactive effects on neuroimaging outcomes. <i>Addiction Biology</i> , 2022, 27, e13134.	1.4	7
35	Within-animal comparisons of novelty and cocaine neuronal ensemble overlap in the nucleus accumbens and prefrontal cortex. <i>Behavioural Brain Research</i> , 2020, 379, 112275.	1.2	5
36	Comparison of prefrontal cortex sucrose seeking ensembles engaged in multiple seeking sessions: Context is key. <i>Journal of Neuroscience Research</i> , 2022, 100, 1008-1029.	1.3	5

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37	A Preclinical Rodent Model for Repetitive Subconcussive Head Impact Exposure in Contact Sport Athletes. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 805124.	1.0	5
38	Cannabinoid Receptor 1 and Fatty Acid Amide Hydrolase Contribute to Operant Sensation Seeking in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1635.	1.8	3