

Meaghan C Creed

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,763
citations

361045

20
h-index

344852

36
g-index

40
all docs

40
docs citations

40
times ranked

2573
citing authors

#	ARTICLE	IF	CITATIONS
1	Refining deep brain stimulation to emulate optogenetic treatment of synaptic pathology. <i>Science</i> , 2015, 347, 659-664.	6.0	240
2	Reward behaviour is regulated by the strength of hippocampusâ€“nucleus accumbens synapses. <i>Nature</i> , 2018, 564, 258-262.	13.7	189
3	Convergence of Reinforcing and Anhedonic Cocaine Effects in the Ventral Pallidum. <i>Neuron</i> , 2016, 92, 214-226.	3.8	151
4	Temporally precise labeling and control of neuromodulatory circuits in the mammalian brain. <i>Nature Methods</i> , 2017, 14, 495-503.	9.0	123
5	VTA GABA neurons modulate specific learning behaviors through the control of dopamine and cholinergic systems. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 8.	1.0	113
6	Glutamatergic Ventral Pallidal Neurons Modulate Activity of the Habenulaâ€“Tegmental Circuitry and Constrain Reward Seeking. <i>Biological Psychiatry</i> , 2018, 83, 1012-1023.	0.7	113
7	Drp1 Mitochondrial Fission in D1 Neurons Mediates Behavioral and Cellular Plasticity during Early Cocaine Abstinence. <i>Neuron</i> , 2017, 96, 1327-1341.e6.	3.8	78
8	Pain induces adaptations in ventral tegmental area dopamine neurons to drive anhedonia-like behavior. <i>Nature Neuroscience</i> , 2021, 24, 1601-1613.	7.1	57
9	Contribution of Decreased Serotonin Release to the Antidyskinetic Effects of Deep Brain Stimulation in a Rodent Model of Tardive Dyskinesia: Comparison of the Subthalamic and Entopeduncular Nuclei. <i>Journal of Neuroscience</i> , 2012, 32, 9574-9581.	1.7	56
10	An open-source device for measuring food intake and operant behavior in rodent home-cages. <i>ELife</i> , 2021, 10, .	2.8	56
11	Drug-evoked synaptic plasticity: beyond metaplasticity. <i>Current Opinion in Neurobiology</i> , 2013, 23, 553-558.	2.0	48
12	Continuous Representations of Speed by Striatal Medium Spiny Neurons. <i>Journal of Neuroscience</i> , 2020, 40, 1679-1688.	1.7	44
13	Cocaine Exposure Enhances the Activity of Ventral Tegmental Area Dopamine Neurons via Calcium-Impermeable NMDARs. <i>Journal of Neuroscience</i> , 2016, 36, 10759-10768.	1.7	41
14	Optogenetic dissection of neural circuitry: from synaptic causalities to blue prints for novel treatments of behavioral diseases. <i>Current Opinion in Neurobiology</i> , 2015, 35, 95-100.	2.0	40
15	An Open-Source, Automated Home-Cage Sipper Device for Monitoring Liquid Ingestive Behavior in Rodents. <i>ENeuro</i> , 2019, 6, ENEURO.0292-19.2019.	0.9	37
16	Ventral arkyvallidal neurons inhibit accumbal firing to promote reward consumption. <i>Nature Neuroscience</i> , 2021, 24, 379-390.	7.1	35
17	Periaqueductal efferents to dopamine and GABA neurons of the VTA. <i>PLoS ONE</i> , 2018, 13, e0190297.	1.1	33
18	Targeting VGLUT2 in Mature Dopamine Neurons Decreases Mesoaccumbal Glutamatergic Transmission and Identifies a Role for Glutamate Co-release in Synaptic Plasticity by Increasing Baseline AMPA/NMDA Ratio. <i>Frontiers in Neural Circuits</i> , 2018, 12, 64.	1.4	32

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19	Projection-specific deficits in synaptic transmission in adult Sapap3-knockout mice. <i>Neuropsychopharmacology</i> , 2020, 45, 2020-2029.	2.8	27
20	Deep brain stimulation of the subthalamic nucleus increases premature responding in a rat gambling task. <i>Behavioural Brain Research</i> , 2013, 245, 76-82.	1.2	25
21	Effects of Repeated Deep Brain Stimulation on Depressive- and Anxiety-Like Behavior in Rats: Comparing Entopeduncular and Subthalamic Nuclei. <i>Brain Stimulation</i> , 2013, 6, 506-514.	0.7	24
22	Current and emerging neuromodulation therapies for addiction: insight from pre-clinical studies. <i>Current Opinion in Neurobiology</i> , 2018, 49, 168-174.	2.0	19
23	Deep brain stimulation of the subthalamic or entopeduncular nucleus attenuates vacuous chewing movements in a rodent model of tardive dyskinesia. <i>European Neuropsychopharmacology</i> , 2011, 21, 393-400.	0.3	18
24	Early gene mapping after deep brain stimulation in a rat model of tardive dyskinesia: Comparison with transient local inactivation. <i>European Neuropsychopharmacology</i> , 2012, 22, 506-517.	0.3	16
25	Deep brain stimulation of the subthalamic nucleus preferentially alters the translational profile of striatopallidal neurons in an animal model of Parkinson's disease. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 221.	1.8	16
26	Changes in brain functional connectivity after chronic haloperidol in rats: a network analysis. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1129-1138.	1.0	14
27	Deep Brain Stimulation of the Subthalamic Nucleus Modulates Reward-Related Behavior: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 578564.	1.0	14
28	Orbitofrontal-striatal potentiation underlies cocaine-induced hyperactivity. <i>Nature Communications</i> , 2020, 11, 3996.	5.8	13
29	Amyloid-modifying therapies for Alzheimer's disease: therapeutic progress and its implications. <i>Age</i> , 2010, 32, 365-384.	3.0	11
30	Effects of high-frequency stimulation of the nucleus accumbens on the development and expression of ethanol sensitization in mice. <i>Behavioural Pharmacology</i> , 2015, 26, 184-192.	0.8	10
31	Neurobiological Basis of Dyskinetic Effects Induced by Antipsychotics: the Contribution of Animal Models. <i>Current Medicinal Chemistry</i> , 2013, 20, 389-396.	1.2	8
32	Neurobiological Basis of Dyskinetic Effects Induced by Antipsychotics: the Contribution of Animal Models. <i>Current Medicinal Chemistry</i> , 2013, 20, 389-396.	1.2	8
33	Toward a targeted treatment for addiction. <i>Science</i> , 2017, 357, 464-465.	6.0	7
34	The role of serotonin in the antidyskinetic effects of deep brain stimulation: focus on antipsychotic-induced motor symptoms. <i>Reviews in the Neurosciences</i> , 2013, 24, 153-66.	1.4	3
35	Modulating Morphine Context-Induced Drug Memory With Deep Brain Stimulation: More Research Questions by Lowering Stimulation Frequencies?. <i>Biological Psychiatry</i> , 2016, 80, 647-649.	0.7	2
36	Pain, negative affective states and opioid-based analgesics: Safer pain therapies to dampen addiction. <i>International Review of Neurobiology</i> , 2021, 157, 31-68.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Optogenetically-inspired neuromodulation: Translating basic discoveries into therapeutic strategies. International Review of Neurobiology, 2021, 159, 187-219.	0.9	1