James E Mccutcheon

List of Publications by Year
in descending order

35	2,060	304743	377865
papers	citations	22 h-index	34 g-index

45	45	45	2683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Restriction of dietary protein in rats increases progressive-ratio motivation for protein. Physiology and Behavior, 2022, 254, 113877.	2.1	3
2	Age-dependent effects of protein restriction on dopamine release. Neuropsychopharmacology, 2021, 46, 394-403.	5.4	11
3	Distracting stimuli evoke ventral tegmental area responses in rats during ongoing saccharin consumption. European Journal of Neuroscience, 2021, 53, 1809-1821.	2.6	3
4	Protein Appetite Drives Macronutrient-Related Differences in Ventral Tegmental Area Neural Activity. Journal of Neuroscience, 2021, 41, 5080-5092.	3.6	13
5	Introduction to the special issue: Homeostatic vs. Hedonic feeding. Physiology and Behavior, 2021, 236, 113415.	2.1	2
6	Predictive and motivational factors influencing anticipatory contrast: A comparison of contextual and gustatory predictors in food restricted and free-fed rats. Physiology and Behavior, 2021, 242, 113603.	2.1	0
7	Investigating the Effect of Physiological Need States on Palatability and Motivation Using Microstructural Analysis of Licking. Neuroscience, 2020, 447, 155-166.	2.3	26
8	No evidence that portion size influences food consumption in male Sprague Dawley rats. Physiology and Behavior, 2019, 206, 225-231.	2.1	1
9	Mode of Sucrose Delivery Alters Reward-Related Phasic Dopamine Signals in Nucleus Accumbens. ACS Chemical Neuroscience, 2019, 10, 1900-1907.	3.5	4
10	Restriction of dietary protein leads to conditioned protein preference and elevated palatability of protein-containing food in rats. Physiology and Behavior, 2018, 184, 235-241.	2.1	24
11	Parallels and Overlap: The Integration of Homeostatic Signals by Mesolimbic Dopamine Neurons. Frontiers in Psychiatry, 2018, 9, 410.	2.6	40
12	The area postrema (AP) and the parabrachial nucleus (PBN) are important sites for salmon calcitonin (sCT) to decrease evoked phasic dopamine release in the nucleus accumbens (NAc). Physiology and Behavior, 2017, 176, 9-16.	2.1	25
13	Physiological state gates acquisition and expression of mesolimbic reward prediction signals. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1943-1948.	7.1	70
14	Sampling Phasic Dopamine Signaling with Fastâ€Scan Cyclic Voltammetry in Awake, Behaving Rats. Current Protocols in Neuroscience, 2015, 70, 7.25.1-7.25.20.	2.6	33
15	Neurochemical measurements in the zebrafish brain. Frontiers in Behavioral Neuroscience, 2015, 9, 246.	2.0	26
16	The role of dopamine in the pursuit of nutritional value. Physiology and Behavior, 2015, 152, 408-415.	2.1	26
17	Optical suppression of drug-evoked phasic dopamine release. Frontiers in Neural Circuits, 2014, 8, 114.	2.8	20
18	Glucagon-Like Peptide-1 Receptor Activation in the Nucleus Accumbens Core Suppresses Feeding by Increasing Glutamatergic AMPA/Kainate Signaling. Journal of Neuroscience, 2014, 34, 6985-6992.	3.6	91

#	Article	IF	Citations
19	Ghrelin Acts as an Interface between Physiological State and Phasic Dopamine Signaling. Journal of Neuroscience, 2014, 34, 4905-4913.	3.6	154
20	Heterogeneity of dopamine neuron activity across traits and states. Neuroscience, 2014, 282, 176-197.	2.3	122
21	Adolescents Are More Vulnerable to Cocaine Addiction: Behavioral and Electrophysiological Evidence. Journal of Neuroscience, 2013, 33, 4913-4922.	3.6	72
22	Electrode calibration with a microfluidic flow cell for fast-scan cyclic voltammetry. Lab on A Chip, 2012, 12, 2403.	6.0	43
23	Dopamine neurons in the ventral tegmental area fire faster in adolescent rats than in adults. Journal of Neurophysiology, 2012, 108, 1620-1630.	1.8	93
24	Encoding of Aversion by Dopamine and the Nucleus Accumbens. Frontiers in Neuroscience, 2012, 6, 137.	2.8	123
25	Sucroseâ€predictive cues evoke greater phasic dopamine release than saccharinâ€predictive cues. Synapse, 2012, 66, 346-351.	1.2	73
26	Taste uncoupled from nutrition fails to sustain the reinforcing properties of food. European Journal of Neuroscience, 2012, 36, 2533-2546.	2.6	58
27	Primary food reward and rewardâ€predictive stimuli evoke different patterns of phasic dopamine signaling throughout the striatum. European Journal of Neuroscience, 2011, 34, 1997-2006.	2.6	147
28	Group I mGluR Activation Reverses Cocaine-Induced Accumulation of Calcium-Permeable AMPA Receptors in Nucleus Accumbens Synapses via a Protein Kinase C-Dependent Mechanism. Journal of Neuroscience, 2011, 31, 14536-14541.	3.6	112
29	Calcium-Permeable AMPA Receptors Are Present in Nucleus Accumbens Synapses after Prolonged Withdrawal from Cocaine Self-Administration But Not Experimenter-Administered Cocaine. Journal of Neuroscience, 2011, 31, 5737-5743.	3.6	155
30	Persistent Increases in Cocaine-Seeking Behavior After Acute Exposure to Cold Swim Stress. Biological Psychiatry, 2010, 68, 303-305.	1.3	38
31	Age matters. European Journal of Neuroscience, 2009, 29, 997-1014.	2.6	246
32	Individual Differences in Dopamine Cell Neuroadaptations Following Cocaine Self-Administration. Biological Psychiatry, 2009, 66, 801-803.	1.3	27
33	Genetic background influences the behavioural and molecular consequences of neurokininâ€1 receptor knockout. European Journal of Neuroscience, 2008, 27, 683-690.	2.6	26
34	Aberrant dendritic branching and sensory inputs in the superficial dorsal horn of mice lacking CaMKIIÎ± autophosphorylation. Molecular and Cellular Neurosciences, 2006, 33, 88-95.	2.2	13
35	Specific Enhancement of SK Channel Activity Selectively Potentiates the Afterhyperpolarizing Current IAHP and Modulates the Firing Properties of Hippocampal Pyramidal Neurons. Journal of Biological Chemistry, 2005, 280, 41404-41411.	3.4	137