James E Mccutcheon

List of Publications by Year
in descending order

35 papers	2,060 citations	304743 22 h-index	377865 34 g-index
45 all docs	45 docs citations	45 times ranked	2683 citing authors

#	Article	IF	Citations
1	Age matters. European Journal of Neuroscience, 2009, 29, 997-1014.	2.6	246
2	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
3	Ghrelin Acts as an Interface between Physiological State and Phasic Dopamine Signaling. Journal of Neuroscience, 2014, 34, 4905-4913.	3.6	154
4	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
5	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
6	Encoding of Aversion by Dopamine and the Nucleus Accumbens. Frontiers in Neuroscience, 2012, 6, 137.	2.8	123
7	Heterogeneity of dopamine neuron activity across traits and states. Neuroscience, 2014, 282, 176-197.	2.3	122
8	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
9	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
10	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
11	Sucroseâ€predictive cues evoke greater phasic dopamine release than saccharinâ€predictive cues. Synapse, 2012, 66, 346-351.	1.2	73
12	Adolescents Are More Vulnerable to Cocaine Addiction: Behavioral and Electrophysiological Evidence. Journal of Neuroscience, 2013, 33, 4913-4922.	3.6	72
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	Taste uncoupled from nutrition fails to sustain the reinforcing properties of food. European Journal of Neuroscience, 2012, 36, 2533-2546.	2.6	58
15	Electrode calibration with a microfluidic flow cell for fast-scan cyclic voltammetry. Lab on A Chip, 2012, 12, 2403.	6.0	43
16	Parallels and Overlap: The Integration of Homeostatic Signals by Mesolimbic Dopamine Neurons. Frontiers in Psychiatry, 2018, 9, 410.	2.6	40
17	Persistent Increases in Cocaine-Seeking Behavior After Acute Exposure to Cold Swim Stress. Biological Psychiatry, 2010, 68, 303-305.	1.3	38
18	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

#	Article	IF	Citations
19	Individual Differences in Dopamine Cell Neuroadaptations Following Cocaine Self-Administration. Biological Psychiatry, 2009, 66, 801-803.	1.3	27
20	Genetic background influences the behavioural and molecular consequences of neurokininâ€1 receptor knockout. European Journal of Neuroscience, 2008, 27, 683-690.	2.6	26
21	Neurochemical measurements in the zebrafish brain. Frontiers in Behavioral Neuroscience, 2015, 9, 246.	2.0	26
22	The role of dopamine in the pursuit of nutritional value. Physiology and Behavior, 2015, 152, 408-415.	2.1	26
23	Investigating the Effect of Physiological Need States on Palatability and Motivation Using Microstructural Analysis of Licking. Neuroscience, 2020, 447, 155-166.	2.3	26
24	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
25	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
26	Optical suppression of drug-evoked phasic dopamine release. Frontiers in Neural Circuits, 2014, 8, 114.	2.8	20
27	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
28	Protein Appetite Drives Macronutrient-Related Differences in Ventral Tegmental Area Neural Activity. Journal of Neuroscience, 2021, 41, 5080-5092.	3.6	13
29	Age-dependent effects of protein restriction on dopamine release. Neuropsychopharmacology, 2021, 46, 394-403.	5.4	11
30	Mode of Sucrose Delivery Alters Reward-Related Phasic Dopamine Signals in Nucleus Accumbens. ACS Chemical Neuroscience, 2019, 10, 1900-1907.	3.5	4
31	Distracting stimuli evoke ventral tegmental area responses in rats during ongoing saccharin consumption. European Journal of Neuroscience, 2021, 53, 1809-1821.	2.6	3
32	Restriction of dietary protein in rats increases progressive-ratio motivation for protein. Physiology and Behavior, 2022, 254, 113877.	2.1	3
33	Introduction to the special issue: Homeostatic vs. Hedonic feeding. Physiology and Behavior, 2021, 236, 113415.	2.1	2
34	No evidence that portion size influences food consumption in male Sprague Dawley rats. Physiology and Behavior, 2019, 206, 225-231.	2.1	1
35	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