Mitchell F Roitman

List of Publications by Year
in descending order

56	5,479	109321	149698
papers	citations	35 h-index	56 g-index

58	58	58	5210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phasic dopamine responses to a food-predictive cue are suppressed by the glucagon-like peptide-1 receptor agonist Exendin-4. Physiology and Behavior, 2020, 215, 112771.	2.1	36
2	Descending Dopaminergic Inputs to Reticulospinal Neurons Promote Locomotor Movements. Journal of Neuroscience, 2020, 40, 8478-8490.	3.6	17
3	Central oxytocin signaling inhibits food reward-motivated behaviors and VTA dopamine responses to food-predictive cues in male rats. Hormones and Behavior, 2020, 126, 104855.	2.1	14
4	Thirst recruits phasic dopamine signaling through subfornical organ neurons. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30744-30754.	7.1	22
5	Central leptin signaling transmits positive valence. Brain Research, 2019, 1724, 146441.	2.2	2
6	Mode of Sucrose Delivery Alters Reward-Related Phasic Dopamine Signals in Nucleus Accumbens. ACS Chemical Neuroscience, 2019, 10, 1900-1907.	3.5	4
7	Females are less sensitive than males to the motivational- and dopamine-suppressing effects of kappa opioid receptor activation. Neuropharmacology, 2019, 146, 231-241.	4.1	34
8	Parallels and Overlap: The Integration of Homeostatic Signals by Mesolimbic Dopamine Neurons. Frontiers in Psychiatry, 2018, 9, 410.	2.6	40
9	Challenges to Body Fluid Homeostasis Differentially Recruit Phasic Dopamine Signaling in a Taste-Selective Manner. Journal of Neuroscience, 2018, 38, 6841-6853.	3.6	22
10	Central GLP-1 receptor activation modulates cocaine-evoked phasic dopamine signaling in the nucleus accumbens core. Physiology and Behavior, 2017, 176, 17-25.	2.1	54
11	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
12	Physiological state tunes mesolimbic signaling: Lessons from sodium appetite and inspiration from Randall R. Sakai. Physiology and Behavior, 2017, 178, 21-27.	2.1	9
13	Regional influence of cocaine on evoked dopamine release in the nucleus accumbens core: A role for the caudal brainstem. Brain Research, 2017, 1655, 252-260.	2.2	3
14	A descending dopamine pathway conserved from basal vertebrates to mammals. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2440-9.	7.1	74
15	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
16	The Aversive Agent Lithium Chloride Suppresses Phasic Dopamine Release Through Central GLP-1 Receptors. Neuropsychopharmacology, 2016, 41, 906-915.	5.4	30
17	Relative Timing Between Kappa Opioid Receptor Activation and Cocaine Determines the Impact on Reward and Dopamine Release. Neuropsychopharmacology, 2016, 41, 989-1002.	5.4	44
18	Ghrelin regulates phasic dopamine and nucleus accumbens signaling evoked by foodâ€predictive stimuli. Journal of Neurochemistry, 2015, 133, 844-856.	3.9	68

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19	Amylin Modulates the Mesolimbic Dopamine System to Control Energy Balance. Neuropsychopharmacology, 2015, 40, 372-385.	5.4	82
20	Optical suppression of drug-evoked phasic dopamine release. Frontiers in Neural Circuits, 2014, 8, 114.	2.8	20
21	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
22	Ghrelin Acts as an Interface between Physiological State and Phasic Dopamine Signaling. Journal of Neuroscience, 2014, 34, 4905-4913.	3.6	154
23	Illicit dopamine transients: Reconciling actions of abused drugs. Trends in Neurosciences, 2014, 37, 200-210.	8.6	72
24	Nicotinic receptors regulate the dynamic range of dopamine release in vivo. Journal of Neurophysiology, 2014, 111, 103-111.	1.8	47
25	New Insights into the Specificity and Plasticity of Reward and Aversion Encoding in the Mesolimbic System. Journal of Neuroscience, 2013, 33, 17569-17576.	3.6	139
26	Forebrain dopamine neurons project down to a brainstem region controlling locomotion. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3235-42.	7.1	71
27	Prolonged High Fat Diet Reduces Dopamine Reuptake without Altering DAT Gene Expression. PLoS ONE, 2013, 8, e58251.	2.5	87
28	Endocannabinoids Shape Accumbal Encoding of Cue-Motivated Behavior via CB1 Receptor Activation in the Ventral Tegmentum. Neuron, 2012, 73, 360-373.	8.1	139
29	Electrode calibration with a microfluidic flow cell for fast-scan cyclic voltammetry. Lab on A Chip, 2012, 12, 2403.	6.0	43
30	Encoding of Aversion by Dopamine and the Nucleus Accumbens. Frontiers in Neuroscience, 2012, 6, 137.	2.8	123
31	Sucroseâ€predictive cues evoke greater phasic dopamine release than saccharinâ€predictive cues. Synapse, 2012, 66, 346-351.	1.2	73
32	Sources contributing to the average extracellular concentration of dopamine in the nucleus accumbens. Journal of Neurochemistry, 2012, 121, 252-262.	3.9	115
33	Taste uncoupled from nutrition fails to sustain the reinforcing properties of food. European Journal of Neuroscience, 2012, 36, 2533-2546.	2.6	58
34	Nucleus accumbens shell, but not core, tracks motivational value of salt. Journal of Neurophysiology, 2011, 106, 1537-1544.	1.8	39
35	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
36	Depressive-like effects of the kappa opioid receptor agonist salvinorin A are associated with decreased phasic dopamine release in the nucleus accumbens. Psychopharmacology, 2010, 210, 241-252.	3.1	127

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37	MSI-1436 reduces acute food intake without affecting dopamine transporter activity. Pharmacology Biochemistry and Behavior, 2010, 97, 138-143.	2.9	13
38	Inhibition of PTP1B by Trodusquemine (MSIâ€1436) Causes Fatâ€specific Weight Loss in Dietâ€induced Obese Mice. Obesity, 2010, 18, 1516-1523.	3.0	176
39	Riskâ€preference differentiates orbitofrontal cortex responses to freely chosen reward outcomes. European Journal of Neuroscience, 2010, 31, 1492-1500.	2.6	51
40	Hedonic and nucleus accumbens neural responses to a natural reward are regulated by aversive conditioning. Learning and Memory, 2010, 17, 539-546.	1.3	67
41	Regional specificity in the realâ€time development of phasic dopamine transmission patterns during acquisition of a cueâ€“cocaine association in rats. European Journal of Neuroscience, 2009, 30, 1889-1899.	2.6	108
42	Real-time chemical responses in the nucleus accumbens differentiate rewarding and aversive stimuli. Nature Neuroscience, 2008, 11, 1376-1377.	14.8	538
43	Associative learning mediates dynamic shifts in dopamine signaling in the nucleus accumbens. Nature Neuroscience, 2007, 10, 1020-1028.	14.8	570
44	Persistent hunger for sodium makes brain stimulation not so sweet: Theoretical comment on Morris et al. (2006).. Behavioral Neuroscience, 2006, 120, 744-747.	1.2	2
45	Nucleus accumbens neurons encode Pavlovian approach behaviors: evidence from an autoshaping paradigm. European Journal of Neuroscience, 2006, 23, 1341-1351.	2.6	118
46	Rapid Dopamine Signaling in the Nucleus Accumbens during Contingent and Noncontingent Cocaine Administration. Neuropsychopharmacology, 2005, 30, 853-863.	5.4	203
47	Nucleus Accumbens Neurons Are Innately Tuned for Rewarding and Aversive Taste Stimuli, Encode Their Predictors, and Are Linked to Motor Output. Neuron, 2005, 45, 587-597.	8.1	394
48	Dopamine Operates as a Subsecond Modulator of Food Seeking. Journal of Neuroscience, 2004, 24, 1265-1271.	3.6	635
49	Induction of a Salt Appetite Alters Dendritic Morphology in Nucleus Accumbens and Sensitizes Rats to Amphetamine. Journal of Neuroscience, 2002, 22, RC225-RC225.	3.6	96
50	Dopamine mediation of the feeding response to violations of spatial and temporal expectancies. Behavioural Brain Research, 2001, 122, 193-199.	2.2	22
51	Food deprivation does not potentiate glucose taste reactivity responses of chronic decerebrate rats. Brain Research, 2000, 870, 102-108.	2.2	62
52	Sodium depletion and aldosterone decrease dopamine transporter activity in nucleus accumbens but not striatum. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1339-R1345.	1.8	28
53	Amiloride-sensitive sodium signals and salt appetite: multiple gustatory pathways. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1732-R1738.	1.8	32
54	Dopamine and sodium appetite: Antagonists suppress sham drinking of NaC1 solutions in the rat.. Behavioral Neuroscience, 1997, 111, 606-611.	1.2	45

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55	c-Fos Induction in Rat Brainstem in Response to Ethanol- and Lithium Chloride-Induced Conditioned Taste Aversions. Alcoholism: Clinical and Experimental Research, 1996, 20, 1023-1028.	2.4	95
56	Ingestive taste reactivity as licking behavior. Neuroscience and Biobehavioral Reviews, 1995, 19, 89-98.	6.1	28