Jessica J Walsh

List of Publications by Year
in descending order

25 papers	3,933 citations	331670 21 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	5103 citing authors

#	Article	IF	Citations
1	Neural circuits regulating prosocial behaviors. Neuropsychopharmacology, 2023, 48, 79-89.	5.4	23
2	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. Nature Communications, 2022, 13, 1532.	12.8	56
3	Dissecting neural mechanisms of prosocial behaviors. Current Opinion in Neurobiology, 2021, 68, 9-14.	4.2	15
4	Input-specific modulation of murine nucleus accumbens differentially regulates hedonic feeding. Nature Communications, 2021, 12, 2135.	12.8	35
5	Selective filtering of excitatory inputs to nucleus accumbens by dopamine and serotonin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
6	Systemic enhancement of serotonin signaling reverses social deficits in multiple mouse models for ASD. Neuropsychopharmacology, 2021, 46, 2000-2010.	5.4	21
7	Loss of the neural-specific BAF subunit ACTL6B relieves repression of early response genes and causes recessive autism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10055-10066.	7.1	34
8	Distinct neural mechanisms for the prosocial and rewarding properties of MDMA. Science Translational Medicine, 2019, 11, .	12.4	56
9	5-HT release in nucleus accumbens rescues social deficits in mouse autism model. Nature, 2018, 560, 589-594.	27.8	169
10	Gating of social reward by oxytocin in the ventral tegmental area. Science, 2017, 357, 1406-1411.	12.6	414
11	Midbrain circuit regulation of individual alcohol drinking behaviors in mice. Nature Communications, 2017, 8, 2220.	12.8	63
12	KCNQ channel openers reverse depressive symptoms via an active resilience mechanism. Nature Communications, 2016, 7, 11671.	12.8	109
13	Basal forebrain projections to the lateral habenula modulate aggression reward. Nature, 2016, 534, 688-692.	27.8	193
14	Essential Role of Mesolimbic Brain-Derived Neurotrophic Factor in Chronic Social Stressâ€“Induced Depressive Behaviors. Biological Psychiatry, 2016, 80, 469-478.	1.3	164
15	Excitatory transmission at thalamo-striatal synapses mediates susceptibility to social stress. Nature Neuroscience, 2015, 18, 962-964.	14.8	86
16	Enhancing Depression Mechanisms in Midbrain Dopamine Neurons Achieves Homeostatic Resilience. Science, 2014, 344, 313-319.	12.6	409
17	Stress and CRF gate neural activation of BDNF in the mesolimbic reward pathway. Nature Neuroscience, 2014, 17, 27-29.	14.8	178
18	Locus-specific epigenetic remodeling controls addiction- and depression-related behaviors. Nature Neuroscience, 2014, 17, 1720-1727.	14.8	193

#	Article	IF	Citations
19	Light and chemical control of neuronal circuits: possible applications in neurotherapy. Expert Review of Neurotherapeutics, 2014, 14, 1007-1017.	2.8	6
20	Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons. Nature, 2013, 493, 532-536.	27.8	961
21	Deletion of the amyloid precursor-like protein 2 (APLP2) does not affect hippocampal neuron morphology or function. Molecular and Cellular Neurosciences, 2012, 49, 448-455.	2.2	30
22	Amyloid precursor protein (APP) regulates synaptic structure and function. Molecular and Cellular Neurosciences, 2012, 51, 43-52.	2.2	140
23	Reinforcement-Related Regulation of AMPA Glutamate Receptor Subunits in the Ventral Tegmental Area Enhances Motivation for Cocaine. Journal of Neuroscience, 2011, 31, 7927-7937.	3.6	38
24	Mesolimbic Dopamine Neurons in the Brain Reward Circuit Mediate Susceptibility to Social Defeat and Antidepressant Action. Journal of Neuroscience, 2010, 30, 16453-16458.	3.6	334
25	Role of Vascular Risk Factors and Vascular Dysfunction in Alzheimer's Disease. Mount Sinai Journal of Medicine, 2010, 77, 82-102.	1.9	181