

Jessica J Walsh

List of Publications by Year in descending order

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Version: 2024-02-01

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	Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons. <i>Nature</i> , 2013, 493, 532-536.	27.8	961
2	Gating of social reward by oxytocin in the ventral tegmental area. <i>Science</i> , 2017, 357, 1406-1411.	12.6	414
3	Enhancing Depression Mechanisms in Midbrain Dopamine Neurons Achieves Homeostatic Resilience. <i>Science</i> , 2014, 344, 313-319.	12.6	409
4	Mesolimbic Dopamine Neurons in the Brain Reward Circuit Mediate Susceptibility to Social Defeat and Antidepressant Action. <i>Journal of Neuroscience</i> , 2010, 30, 16453-16458.	3.6	334
5	Locus-specific epigenetic remodeling controls addiction- and depression-related behaviors. <i>Nature Neuroscience</i> , 2014, 17, 1720-1727.	14.8	193
6	Basal forebrain projections to the lateral habenula modulate aggression reward. <i>Nature</i> , 2016, 534, 688-692.	27.8	193
7	Role of Vascular Risk Factors and Vascular Dysfunction in Alzheimer's Disease. <i>Mount Sinai Journal of Medicine</i> , 2010, 77, 82-102.	1.9	181
8	Stress and CRF gate neural activation of BDNF in the mesolimbic reward pathway. <i>Nature Neuroscience</i> , 2014, 17, 27-29.	14.8	178
9	5-HT release in nucleus accumbens rescues social deficits in mouse autism model. <i>Nature</i> , 2018, 560, 589-594.	27.8	169
10	Essential Role of Mesolimbic Brain-Derived Neurotrophic Factor in Chronic Social Stress-Induced Depressive Behaviors. <i>Biological Psychiatry</i> , 2016, 80, 469-478.	1.3	164
11	Amyloid precursor protein (APP) regulates synaptic structure and function. <i>Molecular and Cellular Neurosciences</i> , 2012, 51, 43-52.	2.2	140
12	KCNQ channel openers reverse depressive symptoms via an active resilience mechanism. <i>Nature Communications</i> , 2016, 7, 11671.	12.8	109
13	Excitatory transmission at thalamo-striatal synapses mediates susceptibility to social stress. <i>Nature Neuroscience</i> , 2015, 18, 962-964.	14.8	86
14	Midbrain circuit regulation of individual alcohol drinking behaviors in mice. <i>Nature Communications</i> , 2017, 8, 2220.	12.8	63
15	Distinct neural mechanisms for the prosocial and rewarding properties of MDMA. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	56
16	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. <i>Nature Communications</i> , 2022, 13, 1532.	12.8	56
17	Reinforcement-Related Regulation of AMPA Glutamate Receptor Subunits in the Ventral Tegmental Area Enhances Motivation for Cocaine. <i>Journal of Neuroscience</i> , 2011, 31, 7927-7937.	3.6	38
18	Input-specific modulation of murine nucleus accumbens differentially regulates hedonic feeding. <i>Nature Communications</i> , 2021, 12, 2135.	12.8	35

#	ARTICLE	IF	CITATIONS
19	Loss of the neural-specific BAF subunit ACTL6B relieves repression of early response genes and causes recessive autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10055-10066.	7.1	34
20	Deletion of the amyloid precursor-like protein 2 (APLP2) does not affect hippocampal neuron morphology or function. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 448-455.	2.2	30
21	Selective filtering of excitatory inputs to nucleus accumbens by dopamine and serotonin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
22	Neural circuits regulating prosocial behaviors. <i>Neuropsychopharmacology</i> , 2023, 48, 79-89.	5.4	23
23	Systemic enhancement of serotonin signaling reverses social deficits in multiple mouse models for ASD. <i>Neuropsychopharmacology</i> , 2021, 46, 2000-2010.	5.4	21
24	Dissecting neural mechanisms of prosocial behaviors. <i>Current Opinion in Neurobiology</i> , 2021, 68, 9-14.	4.2	15
25	Light and chemical control of neuronal circuits: possible applications in neurotherapy. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 1007-1017.	2.8	6