Melissa R Warden

List of Publications by Year
in descending order

21 papers	5,711 citations	430874 18 h-index	794594 19 g-index
29 all docs	29 docs citations	29 times ranked	8058 citing authors

#	Article	IF	Citations
1	Quantitative analysis of 1300-nm three-photon calcium imaging in the mouse brain. ELife, 2020, 9, .	6.0	76
2	Intense threat switches dorsal raphe serotonin neurons to a paradoxical operational mode. Science, 2019, 363, 538-542.	12.6	96
3	Melancholy, anhedonia, apathy: the search for separable behaviors and neural circuits in depression. Current Opinion in Neurobiology, 2018, 49, 192-200.	4.2	35
4	Gamma and beta bursts during working memory readout suggest roles in its volitional control. Nature Communications, 2018, 9, 394.	12.8	203
5	In vivo three-photon imaging of deep mouse cerebellum. , 2018, , .		1
6	Hebbian Learning in a Random Network Captures Selectivity Properties of the Prefrontal Cortex. Journal of Neuroscience, 2017, 37, 11021-11036.	3.6	38
7	Prefrontal cortical regulation of brainwide circuit dynamics and reward-related behavior. Science, 2016, 351, aac9698.	12.6	427
8	Daytime spikes in dopaminergic activity drive rapid mood-cycling in mice. Molecular Psychiatry, 2015, 20, 1406-1419.	7.9	117
9	Making Sense of Optogenetics. International Journal of Neuropsychopharmacology, 2015, 18, pyv079.	2.1	112
10	In vivo Optogenetic Stimulation of the Rodent Central Nervous System. Journal of Visualized Experiments, 2015, , 51483.	0.3	17
11	Hebbian-inspired rewiring of a random network replicates pattern of selectivity seen in PFC. BMC Neuroscience, 2014, 15, .	1.9	0
12	Optical Neural Interfaces. Annual Review of Biomedical Engineering, 2014, 16, 103-129.	12.3	170
13	Progress in understanding mood disorders: optogenetic dissection of neural circuits. Genes, Brain and Behavior, 2014, 13, 38-51.	2.2	86
14	Dopamine neurons modulate neural encoding and expression of depression-related behaviour. Nature, 2013, 493, 537-541.	27.8	874
15	Diverging neural pathways assemble a behavioural state from separable features in anxiety. Nature, 2013, 496, 219-223.	27.8	543
16	The importance of mixed selectivity in complex cognitive tasks. Nature, 2013, 497, 585-590.	27.8	1,262
17	A prefrontal cortexâ€“brainstem neuronal projection that controls response to behavioural challenge. Nature, 2012, 492, 428-432.	27.8	526
18	Optetrode: a multichannel readout for optogenetic control in freely moving mice. Nature Neuroscience, 2012, 15, 163-170.	14.8	337

#	Article	IF	Citations
19	Task-Dependent Changes in Short-Term Memory in the Prefrontal Cortex. Journal of Neuroscience, 2010, 30, 15801-15810.	3.6	158
20	Phase-dependent neuronal coding of objects in short-term memory. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21341-21346.	7.1	494
21	The Representation of Multiple Objects in Prefrontal Neuronal Delay Activity. Cerebral Cortex, 2007, 17, i41-i50.	2.9	96