

# Melissa R Warden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8253801/publications.pdf>

Version: 2024-02-01

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	The importance of mixed selectivity in complex cognitive tasks. <i>Nature</i> , 2013, 497, 585-590.	27.8	1,262
2	Dopamine neurons modulate neural encoding and expression of depression-related behaviour. <i>Nature</i> , 2013, 493, 537-541.	27.8	874
3	Diverging neural pathways assemble a behavioural state from separable features in anxiety. <i>Nature</i> , 2013, 496, 219-223.	27.8	543
4	A prefrontal cortex-brainstem neuronal projection that controls response to behavioural challenge. <i>Nature</i> , 2012, 492, 428-432.	27.8	526
5	Phase-dependent neuronal coding of objects in short-term memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21341-21346.	7.1	494
6	Prefrontal cortical regulation of brainwide circuit dynamics and reward-related behavior. <i>Science</i> , 2016, 351, aac9698.	12.6	427
7	Optetrode: a multichannel readout for optogenetic control in freely moving mice. <i>Nature Neuroscience</i> , 2012, 15, 163-170.	14.8	337
8	Gamma and beta bursts during working memory readout suggest roles in its volitional control. <i>Nature Communications</i> , 2018, 9, 394.	12.8	203
9	Optical Neural Interfaces. <i>Annual Review of Biomedical Engineering</i> , 2014, 16, 103-129.	12.3	170
10	Task-Dependent Changes in Short-Term Memory in the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 15801-15810.	3.6	158
11	Daytime spikes in dopaminergic activity drive rapid mood-cycling in mice. <i>Molecular Psychiatry</i> , 2015, 20, 1406-1419.	7.9	117
12	Making Sense of Optogenetics. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv079.	2.1	112
13	The Representation of Multiple Objects in Prefrontal Neuronal Delay Activity. <i>Cerebral Cortex</i> , 2007, 17, i41-i50.	2.9	96
14	Intense threat switches dorsal raphe serotonin neurons to a paradoxical operational mode. <i>Science</i> , 2019, 363, 538-542.	12.6	96
15	Progress in understanding mood disorders: optogenetic dissection of neural circuits. <i>Genes, Brain and Behavior</i> , 2014, 13, 38-51.	2.2	86
16	Quantitative analysis of 1300-nm three-photon calcium imaging in the mouse brain. <i>ELife</i> , 2020, 9, .	6.0	76
17	Hebbian Learning in a Random Network Captures Selectivity Properties of the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 11021-11036.	3.6	38
18	Melancholy, anhedonia, apathy: the search for separable behaviors and neural circuits in depression. <i>Current Opinion in Neurobiology</i> , 2018, 49, 192-200.	4.2	35

#	ARTICLE	IF	CITATIONS
19	<em>In vivo</em> Optogenetic Stimulation of the Rodent Central Nervous System. Journal of Visualized Experiments, 2015, , 51483.	0.3	17
20	In vivo three-photon imaging of deep mouse cerebellum. , 2018, , .		1
21	Hebbian-inspired rewiring of a random network replicates pattern of selectivity seen in PFC. BMC Neuroscience, 2014, 15, .	1.9	0