

# Jeremiah Y Cohen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4678555/publications.pdf>

Version: 2024-02-01

15  
papers

2,080  
citations

1163117

8  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuron-type-specific signals for reward and punishment in the ventral tegmental area. <i>Nature</i> , 2012, 482, 85-88.	27.8	1,101
2	Serotonergic neurons signal reward and punishment on multiple timescales. <i>ELife</i> , 2015, 4, .	6.0	282
3	Organization of Monosynaptic Inputs to the Serotonin and Dopamine Neuromodulatory Systems. <i>Cell Reports</i> , 2014, 8, 1105-1118.	6.4	213
4	Distributed and Mixed Information in Monosynaptic Inputs to Dopamine Neurons. <i>Neuron</i> , 2016, 91, 1374-1389.	8.1	195
5	Stable Representations of Decision Variables for Flexible Behavior. <i>Neuron</i> , 2019, 103, 922-933.e7.	8.1	123
6	Serotonin neurons modulate learning rate through uncertainty. <i>Current Biology</i> , 2022, 32, 586-599.e7.	3.9	65
7	Locus coeruleus spiking differently correlates with S1 cortex activity and pupil diameter in a tactile detection task. <i>ELife</i> , 2021, 10, .	6.0	21
8	Norepinephrine potentiates and serotonin depresses visual cortical responses by transforming eligibility traces. <i>Nature Communications</i> , 2022, 13, .	12.8	14
9	Toward a multiscale modeling framework for understanding serotonergic function. <i>Journal of Psychopharmacology</i> , 2017, 31, 1121-1136.	4.0	13
10	Entropy-based metrics for predicting choice behavior based on local response to reward. <i>Nature Communications</i> , 2021, 12, 6567.	12.8	8
11	Dopamine and serotonin signals for reward across time scales. <i>Science</i> , 2015, 350, 47-48.	12.6	7
12	Neuromodulation and Neurophysiology on the Timescale of Learning and Decision-Making. <i>Annual Review of Neuroscience</i> , 2022, 45, .	10.7	7
13	Subthreshold basis for reward-predictive persistent activity in mouse prefrontal cortex. <i>Cell Reports</i> , 2021, 35, 109082.	6.4	4
14	Slow motion. <i>ELife</i> , 2017, 6, .	6.0	4
15	Aversive stimuli bias corticothalamic responses to motivationally significant cues. <i>ELife</i> , 2021, 10, .	6.0	4