

# Tara A Legates

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5269966/publications.pdf>

Version: 2024-02-01

19  
papers

2,740  
citations

623574

14  
h-index

839398

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

4191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light as a central modulator of circadian rhythms, sleep and affect. <i>Nature Reviews Neuroscience</i> , 2014, 15, 443-454.	4.9	695
2	Melanopsin-Expressing Retinal Ganglion-Cell Photoreceptors: Cellular Diversity and Role in Pattern Vision. <i>Neuron</i> , 2010, 67, 49-60.	3.8	544
3	Aberrant light directly impairs mood and learning through melanopsin-expressing neurons. <i>Nature</i> , 2012, 491, 594-598.	13.7	424
4	An excitatory synapse hypothesis of depression. <i>Trends in Neurosciences</i> , 2015, 38, 279-294.	4.2	221
5	Reward behaviour is regulated by the strength of hippocampusâ€“nucleus accumbens synapses. <i>Nature</i> , 2018, 564, 258-262.	13.7	189
6	Sex differences in antidepressant efficacy. <i>Neuropsychopharmacology</i> , 2019, 44, 140-154.	2.8	127
7	Long-Term Potentiation Requires a Rapid Burst of Dendritic Mitochondrial Fission during Induction. <i>Neuron</i> , 2018, 100, 860-875.e7.	3.8	97
8	Rapid Antidepressant Action and Restoration of Excitatory Synaptic Strength After Chronic Stress by Negative Modulators of Alpha5-Containing GABAA Receptors. <i>Neuropsychopharmacology</i> , 2015, 40, 2499-2509.	2.8	96
9	Lhx1 Controls Terminal Differentiation and Circadian Function of the Suprachiasmatic Nucleus. <i>Cell Reports</i> , 2014, 7, 609-622.	2.9	88
10	Motor neuron disease, TDP-43 pathology, and memory deficits in mice expressing ALSâ€“FTD-linked <i>UBQLN2</i> mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7580-E7589.	3.3	77
11	Wnt5a is essential for hippocampal dendritic maintenance and spatial learning and memory in adult mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E619-E628.	3.3	57
12	Subsynaptic positioning of AMPARs by LRRTM2 controls synaptic strength. <i>Science Advances</i> , 2021, 7, .	4.7	43
13	An LHX1-Regulated Transcriptional Network Controls Sleep/Wake Coupling and Thermal Resistance of the Central Circadian Clockworks. <i>Current Biology</i> , 2017, 27, 128-136.	1.8	36
14	Abnormal wake/sleep pattern in a novel gain-of-function model of DISC1. <i>Neuroscience Research</i> , 2016, 112, 63-69.	1.0	21
15	Accelerated re-entrainment to advanced light cycles in BALB/c mice. <i>Physiology and Behavior</i> , 2009, 98, 427-432.	1.0	13
16	Measuring Circadian and Acute Light Responses in Mice using Wheel Running Activity. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	8
17	Illuminating a path from light to depression. <i>Nature Neuroscience</i> , 2020, 23, 785-787.	7.1	2
18	The reward integrator. <i>Science</i> , 2020, 370, 46-46.	6.0	1

#	ARTICLE	IF	CITATIONS
19	Light-dependent effects on mood: Mechanistic insights from animal models. Progress in Brain Research, 2022, , .	0.9	0