

Mark N Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

2,081
citations

21
h-index

45
g-index

50
ext. papers

2,732
ext. citations

10.2
avg, IF

4.89
L-index

#	Paper	IF	Citations
46	Self-reported sleep and Amyloid deposition in community-dwelling older adults. <i>JAMA Neurology</i> , 2013 , 70, 1537-43	17.2	304
45	Identification of SLEEPLESS, a sleep-promoting factor. <i>Science</i> , 2008 , 321, 372-6	33.3	231
44	Two dopaminergic neurons signal to the dorsal fan-shaped body to promote wakefulness in <i>Drosophila</i> . <i>Current Biology</i> , 2012 , 22, 2114-23	6.3	203
43	Sleep Drive Is Encoded by Neural Plastic Changes in a Dedicated Circuit. <i>Cell</i> , 2016 , 165, 1347-1360	56.2	180
42	Sleep interacts with α 1 to modulate intrinsic neuronal excitability. <i>Current Biology</i> , 2015 , 25, 702-712	6.3	102
41	Improved and expanded Q-system reagents for genetic manipulations. <i>Nature Methods</i> , 2015 , 12, 219-22, 5 p following 222	21.6	102
40	The effects of caffeine on sleep in <i>Drosophila</i> require PKA activity, but not the adenosine receptor. <i>Journal of Neuroscience</i> , 2009 , 29, 11029-37	6.6	95
39	WIDE AWAKE mediates the circadian timing of sleep onset. <i>Neuron</i> , 2014 , 82, 151-66	13.9	94
38	SLEEPLESS, a Ly-6/neurotoxin family member, regulates the levels, localization and activity of Shaker. <i>Nature Neuroscience</i> , 2010 , 13, 69-75	25.5	87
37	Sleep Disturbance, Cognitive Decline, and Dementia: A Review. <i>Seminars in Neurology</i> , 2017 , 37, 395-406	3.2	84
36	A genetic screen for sleep and circadian mutants reveals mechanisms underlying regulation of sleep in <i>Drosophila</i> . <i>Sleep</i> , 2008 , 31, 465-72	1.1	83
35	Sleep Duration and Subsequent Cortical Thinning in Cognitively Normal Older Adults. <i>Sleep</i> , 2016 , 39, 1121-8	1.1	61
34	Branch-specific plasticity of a bifunctional dopamine circuit encodes protein hunger. <i>Science</i> , 2017 , 356, 534-539	33.3	58
33	Morning and Evening Circadian Pacemakers Independently Drive Premotor Centers via a Specific Dopamine Relay. <i>Neuron</i> , 2019 , 102, 843-857.e4	13.9	48
32	Objectively Measured Sleep and Amyloid Burden in Older Adults: A Pilot Study. <i>SAGE Open Medicine</i> , 2014 , 2,	2.4	30
31	The laminar organization of the ellipsoid body is semaphorin-dependent and prevents the formation of ectopic synaptic connections. <i>eLife</i> , 2017 , 6,	8.9	30
30	A Genetic Toolkit for Dissecting Dopamine Circuit Function in <i>Drosophila</i> . <i>Cell Reports</i> , 2018 , 23, 652-665	10.6	29

29	Excessive daytime sleepiness and napping in cognitively normal adults: associations with subsequent amyloid deposition measured by PiB PET. <i>Sleep</i> , 2018 , 41,	1.1	27
28	Clock-Generated Temporal Codes Determine Synaptic Plasticity to Control Sleep. <i>Cell</i> , 2018 , 175, 1213-1227.e13,	3.2	18
27	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	6.3	22
26	TRPV4 disrupts mitochondrial transport and causes axonal degeneration via a CaMKII-dependent elevation of intracellular Ca. <i>Nature Communications</i> , 2020 , 11, 2679	17.4	22
25	Genome-wide association studies of sleep disorders. <i>Chest</i> , 2011 , 139, 446-452	5.3	21
24	Astroglial Calcium Signaling Encodes Sleep Need in Drosophila. <i>Current Biology</i> , 2021 , 31, 150-162.e7	6.3	21
23	Time for Bed: Genetic Mechanisms Mediating the Circadian Regulation of Sleep. <i>Trends in Genetics</i> , 2018 , 34, 379-388	8.5	20
22	Regulation of synaptic development and function by the Drosophila PDZ protein Dyschronic. <i>Development (Cambridge)</i> , 2014 , 141, 4548-57	6.6	17
21	Joint and Individual Representation of Domains of Physical Activity, Sleep, and Circadian Rhythmicity. <i>Statistics in Biosciences</i> , 2019 , 11, 371-402	1.5	16
20	Sleep Duration and Cognition in a Nationally Representative Sample of U.S. Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2019 , 27, 1386-1396	6.5	13
19	Notch signaling: a role in sleep and stress. <i>Current Biology</i> , 2011 , 21, R397-8	6.3	10
18	APOE Genotype and Nonrespiratory Sleep Parameters in Cognitively Intact Older Adults. <i>Sleep</i> , 2017 , 40,	1.1	9
17	Neural circuit mechanisms encoding motivational states in Drosophila. <i>Current Opinion in Neurobiology</i> , 2020 , 64, 135-142	7.6	7
16	Semaphorin 2b Regulates Sleep-Circuit Formation in the Drosophila Central Brain. <i>Neuron</i> , 2019 , 104, 322-337.e14	13.9	6
15	CaMKII oxidation is a critical performance/disease trade-off acquired at the dawn of vertebrate evolution. <i>Nature Communications</i> , 2021 , 12, 3175	17.4	6
14	A Clock-Driven Neural Network Critical for Arousal		3
13	Characterization of mWake expression in the murine brain		2
12	Astroglial Calcium Signaling Encodes Sleep Need in Drosophila		2

11	Personality and insomnia symptoms in older adults: the Baltimore Longitudinal Study of Aging. <i>Sleep</i> , 2021 , 44,	1.1	2
10	Characterization of mWake expression in the murine brain. <i>Journal of Comparative Neurology</i> , 2021 , 529, 1954-1987	3.4	2
9	Sleep: Setting the Circadian Alarm Clock. <i>Current Biology</i> , 2018 , 28, R26-R28	6.3	1
8	Genetics and Genomic Basis of Sleep in Simple Model Organisms 2017 , 281-295.e6		1
7	F4-05-02: CIRCADIAN REST/ACTIVITY RHYTHMS IN COGNITIVELY NORMAL OLDER ADULTS: ASSOCIATIONS WITH MRI-DERIVED BRAIN VOLUMES 2018 , 14, P1389-P1390		1
6	Brain amyloid burden, sleep, and 24-hour rest/activity rhythms: screening findings from the Anti-Amyloid Treatment in Asymptomatic Alzheimer's and Longitudinal Evaluation of Amyloid Risk and Neurodegeneration Studies. <i>SLEEP Advances</i> , 2021 , 2, zpab015	2.8	0
5	Links of Sleep Duration with Biomarkers of Accelerated Aging: the Baltimore Longitudinal Study of Aging. <i>Innovation in Aging</i> , 2021 , 5, 665-666	0.1	0
4	0284 Personality Traits, Insomnia Symptoms and Daytime Sleepiness in Older Adults. <i>Sleep</i> , 2019 , 42, A115-A116	1.1	
3	Circadian rhythm disturbance in agitation of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e038478	1.2	
2	Sleep: Slow Waves Quiet the Fly's Mind. <i>Current Biology</i> , 2019 , 29, R1129-R1131	6.3	
1	Circadian Rest and Activity Rhythms and Cognitive Change in the Baltimore Longitudinal Study of Aging. <i>Innovation in Aging</i> , 2021 , 5, 444-444	0.1	