

# Mark N Wu

## List of Publications by Year in Descending Order

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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	Personality and insomnia symptoms in older adults: the Baltimore Longitudinal Study of Aging. <i>Sleep</i> , <b>2021</b> , 44,	1.1	2
45	CaMKII oxidation is a critical performance/disease trade-off acquired at the dawn of vertebrate evolution. <i>Nature Communications</i> , <b>2021</b> , 12, 3175	17.4	6
44	Characterization of mWake expression in the murine brain. <i>Journal of Comparative Neurology</i> , <b>2021</b> , 529, 1954-1987	3.4	2
43	Astroglial Calcium Signaling Encodes Sleep Need in Drosophila. <i>Current Biology</i> , <b>2021</b> , 31, 150-162.e7	6.3	21
42	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> , <b>2021</b> , 2, zpab015	2.8	0
41	Circadian Rest and Activity Rhythms and Cognitive Change in the Baltimore Longitudinal Study of Aging. <i>Innovation in Aging</i> , <b>2021</b> , 5, 444-444	0.1	
40	Links of Sleep Duration with Biomarkers of Accelerated Aging: the Baltimore Longitudinal Study of Aging. <i>Innovation in Aging</i> , <b>2021</b> , 5, 665-666	0.1	0
39	Circadian rhythm disturbance in agitation of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e038478	1.2	
38	TRPV4 disrupts mitochondrial transport and causes axonal degeneration via a CaMKII-dependent elevation of intracellular Ca. <i>Nature Communications</i> , <b>2020</b> , 11, 2679	17.4	22
37	Neural circuit mechanisms encoding motivational states in Drosophila. <i>Current Opinion in Neurobiology</i> , <b>2020</b> , 64, 135-142	7.6	7
36	Semaphorin 2b Regulates Sleep-Circuit Formation in the Drosophila Central Brain. <i>Neuron</i> , <b>2019</b> , 104, 322-337.e14	13.9	6
35	Joint and Individual Representation of Domains of Physical Activity, Sleep, and Circadian Rhythmicity. <i>Statistics in Biosciences</i> , <b>2019</b> , 11, 371-402	1.5	16
34	0284 Personality Traits, Insomnia Symptoms and Daytime Sleepiness in Older Adults. <i>Sleep</i> , <b>2019</b> , 42, A115-A116	1.1	
33	Morning and Evening Circadian Pacemakers Independently Drive Premotor Centers via a Specific Dopamine Relay. <i>Neuron</i> , <b>2019</b> , 102, 843-857.e4	13.9	48
32	Sleep Duration and Cognition in a Nationally Representative Sample of U.S. Older Adults. <i>American Journal of Geriatric Psychiatry</i> , <b>2019</b> , 27, 1386-1396	6.5	13
31	Sleep: Slow Waves Quiet the Fly's Mind. <i>Current Biology</i> , <b>2019</b> , 29, R1129-R1131	6.3	
30	A Genetic Toolkit for Dissecting Dopamine Circuit Function in Drosophila. <i>Cell Reports</i> , <b>2018</b> , 23, 652-665.e10.6	10.6	29

29	Time for Bed: Genetic Mechanisms Mediating the Circadian Regulation of Sleep. <i>Trends in Genetics</i> , <b>2018</b> , 34, 379-388	8.5	20
28	Sleep: Setting the Circadian Alarm Clock. <i>Current Biology</i> , <b>2018</b> , 28, R26-R28	6.3	1
27	Clock-Generated Temporal Codes Determine Synaptic Plasticity to Control Sleep. <i>Cell</i> , <b>2018</b> , 175, 1213-1227.e18	32.1	13
26	F4-05-02: CIRCADIAN REST/ACTIVITY RHYTHMS IN COGNITIVELY NORMAL OLDER ADULTS: ASSOCIATIONS WITH MRI-DERIVED BRAIN VOLUMES <b>2018</b> , 14, P1389-P1390		1
25	Excessive daytime sleepiness and napping in cognitively normal adults: associations with subsequent amyloid deposition measured by PiB PET. <i>Sleep</i> , <b>2018</b> , 41,	1.1	27
24	APOE Genotype and Nonrespiratory Sleep Parameters in Cognitively Intact Older Adults. <i>Sleep</i> , <b>2017</b> , 40,	1.1	9
23	Branch-specific plasticity of a bifunctional dopamine circuit encodes protein hunger. <i>Science</i> , <b>2017</b> , 356, 534-539	33.3	58
22	An LHX1-Regulated Transcriptional Network Controls Sleep/Wake Coupling and Thermal Resistance of the Central Circadian Clockworks. <i>Current Biology</i> , <b>2017</b> , 27, 128-136	6.3	22
21	Sleep Disturbance, Cognitive Decline, and Dementia: A Review. <i>Seminars in Neurology</i> , <b>2017</b> , 37, 395-406	3.2	84
20	The laminar organization of the ellipsoid body is semaphorin-dependent and prevents the formation of ectopic synaptic connections. <i>ELife</i> , <b>2017</b> , 6,	8.9	30
19	Genetics and Genomic Basis of Sleep in Simple Model Organisms <b>2017</b> , 281-295.e6		1
18	Sleep Duration and Subsequent Cortical Thinning in Cognitively Normal Older Adults. <i>Sleep</i> , <b>2016</b> , 39, 1121-8	1.1	61
17	Sleep Drive Is Encoded by Neural Plastic Changes in a Dedicated Circuit. <i>Cell</i> , <b>2016</b> , 165, 1347-1360	56.2	180
16	Sleep interacts with $\alpha$ o to modulate intrinsic neuronal excitability. <i>Current Biology</i> , <b>2015</b> , 25, 702-712	6.3	102
15	Improved and expanded Q-system reagents for genetic manipulations. <i>Nature Methods</i> , <b>2015</b> , 12, 219-22, 5 p following 222	21.6	102
14	WIDE AWAKE mediates the circadian timing of sleep onset. <i>Neuron</i> , <b>2014</b> , 82, 151-66	13.9	94
13	Objectively Measured Sleep and Amyloid Burden in Older Adults: A Pilot Study. <i>SAGE Open Medicine</i> , <b>2014</b> , 2,	2.4	30
12	Regulation of synaptic development and function by the Drosophila PDZ protein Dyschronic. <i>Development (Cambridge)</i> , <b>2014</b> , 141, 4548-57	6.6	17

11	Self-reported sleep and β-amyloid deposition in community-dwelling older adults. <i>JAMA Neurology</i> , <b>2013</b> , 70, 1537-43	17.2	304
10	Two dopaminergic neurons signal to the dorsal fan-shaped body to promote wakefulness in <i>Drosophila</i> . <i>Current Biology</i> , <b>2012</b> , 22, 2114-23	6.3	203
9	Genome-wide association studies of sleep disorders. <i>Chest</i> , <b>2011</b> , 139, 446-452	5.3	21
8	Notch signaling: a role in sleep and stress. <i>Current Biology</i> , <b>2011</b> , 21, R397-8	6.3	10
7	SLEEPLESS, a Ly-6/neurotoxin family member, regulates the levels, localization and activity of Shaker. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 69-75	25.5	87
6	The effects of caffeine on sleep in <i>Drosophila</i> require PKA activity, but not the adenosine receptor. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 11029-37	6.6	95
5	Identification of SLEEPLESS, a sleep-promoting factor. <i>Science</i> , <b>2008</b> , 321, 372-6	33.3	231
4	A genetic screen for sleep and circadian mutants reveals mechanisms underlying regulation of sleep in <i>Drosophila</i> . <i>Sleep</i> , <b>2008</b> , 31, 465-72	1.1	83
3	A Clock-Driven Neural Network Critical for Arousal		3
2	Characterization of mWake expression in the murine brain		2
1	Astroglial Calcium Signaling Encodes Sleep Need in <i>Drosophila</i>		2