

# Michele Bellesi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4273498/publications.pdf>

Version: 2024-02-01

29  
papers

2,149  
citations

361296

20  
h-index

477173

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructural evidence for synaptic scaling across the wake/sleep cycle. <i>Science</i> , 2017, 355, 507-510.	6.0	438
2	Sleep Loss Promotes Astrocytic Phagocytosis and Microglial Activation in Mouse Cerebral Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 5263-5273.	1.7	281
3	Effects of Sleep and Wake on Oligodendrocytes and Their Precursors. <i>Journal of Neuroscience</i> , 2013, 33, 14288-14300.	1.7	213
4	Enhancement of sleep slow waves: underlying mechanisms and practical consequences. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 208.	1.2	179
5	Effects of sleep and wake on astrocytes: clues from molecular and ultrastructural studies. <i>BMC Biology</i> , 2015, 13, 66.	1.7	144
6	Neural and Behavioral Correlates of Extended Training during Sleep Deprivation in Humans: Evidence for Local, Task-Specific Effects. <i>Journal of Neuroscience</i> , 2015, 35, 4487-4500.	1.7	108
7	Phase-locked loop for precisely timed acoustic stimulation during sleep. <i>Journal of Neuroscience Methods</i> , 2016, 259, 101-114.	1.3	83
8	Myelin modifications after chronic sleep loss in adolescent mice. <i>Sleep</i> , 2018, 41, .	0.6	75
9	Sleep Deprivation by Exposure to Novel Objects Increases Synapse Density and Axon-Spine Interface in the Hippocampal CA1 Region of Adolescent Mice. <i>Journal of Neuroscience</i> , 2019, 39, 6613-6625.	1.7	69
10	Contribution of sleep to the repair of neuronal DNA double-strand breaks: evidence from flies and mice. <i>Scientific Reports</i> , 2016, 6, 36804.	1.6	58
11	Region-Specific Dissociation between Cortical Noradrenaline Levels and the Sleep/Wake Cycle. <i>Sleep</i> , 2016, 39, 143-154.	0.6	56
12	Sleep reverts changes in human gray and white matter caused by wake-dependent training. <i>NeuroImage</i> , 2016, 129, 367-377.	2.1	50
13	The role of sleep and wakefulness in myelin plasticity. <i>Glia</i> , 2019, 67, 2142-2152.	2.5	44
14	Metabolomic analysis of mouse prefrontal cortex reveals upregulated analytes during wakefulness compared to sleep. <i>Scientific Reports</i> , 2018, 8, 11225.	1.6	40
15	Loss of Sleep Affects the Ultrastructure of Pyramidal Neurons in the Adolescent Mouse Frontal Cortex. <i>Sleep</i> , 2016, 39, 861-874.	0.6	37
16	Sleep Consolidates Motor Learning of Complex Movement Sequences in Mice. <i>Sleep</i> , 2017, 40, .	0.6	32
17	Sleep and Wake Affect Glycogen Content and Turnover at Perisynaptic Astrocytic Processes. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 308.	1.8	31
18	Integrity of Corpus Callosum Is Essential for the Cross-Hemispheric Propagation of Sleep Slow Waves: A High-Density EEG Study in Split-Brain Patients. <i>Journal of Neuroscience</i> , 2020, 40, 5589-5603.	1.7	29

#	ARTICLE	IF	CITATIONS
19	Sleep and Oligodendrocyte Functions. <i>Current Sleep Medicine Reports</i> , 2015, 1, 20-26.	0.7	27
20	A new avenue for treating neuronal diseases: Ceftriaxone, an old antibiotic demonstrating behavioral neuronal effects. <i>Behavioural Brain Research</i> , 2019, 364, 149-156.	1.2	26
21	Sleep quality relates to emotional reactivity via intracortical myelination. <i>Sleep</i> , 2021, 44, .	0.6	22
22	Effects of Chronic Sleep Restriction during Early Adolescence on the Adult Pattern of Connectivity of Mouse Secondary Motor Cortex. <i>ENeuro</i> , 2016, 3, ENEURO.0053-16.2016.	0.9	20
23	Evidence for sleep-dependent synaptic renormalization in mouse pups. <i>Sleep</i> , 2019, 42, .	0.6	20
24	Reduction of EEG Theta Power and Changes in Motor Activity in Rats Treated with Ceftriaxone. <i>PLoS ONE</i> , 2012, 7, e34139.	1.1	19
25	Characterization of Subcellular Organelles in Cortical Perisynaptic Astrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 573944.	1.8	18
26	Transcriptome profiling of sleeping, waking, and sleep deprived adult heterozygous <i>Aldh1l1</i> eGFP-L10a mice. <i>Genomics Data</i> , 2015, 6, 114-117.	1.3	11
27	Structural synaptic plasticity across sleep and wake. <i>Current Opinion in Physiology</i> , 2020, 15, 74-81.	0.9	11
28	Diagnostic difficulties with central nervous system actinomycosis. <i>Neurological Sciences</i> , 2011, 32, 945-947.	0.9	4
29	Editorial: Local Aspects of Sleep and Wakefulness. <i>Frontiers in Neuroscience</i> , 2020, 14, 58.	1.4	1