

# Laura M J Fernandez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6196208/publications.pdf>

Version: 2024-02-01

12  
papers

1,114  
citations

933447

10  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep Spindles: Mechanisms and Functions. <i>Physiological Reviews</i> , 2020, 100, 805-868.	28.8	347
2	Thalamic control of cortical states. <i>Nature Neuroscience</i> , 2012, 15, 370-372.	14.8	278
3	Coordinated infraslow neural and cardiac oscillations mark fragility and offline periods in mammalian sleep. <i>Science Advances</i> , 2017, 3, e1602026.	10.3	140
4	Thalamic reticular control of local sleep in mouse sensory cortex. <i>ELife</i> , 2018, 7, .	6.0	79
5	Noradrenergic circuit control of non-REM sleep substates. <i>Current Biology</i> , 2021, 31, 5009-5023.e7.	3.9	76
6	Regulation of Local Sleep by the Thalamic Reticular Nucleus. <i>Frontiers in Neuroscience</i> , 2019, 13, 576.	2.8	56
7	When the Locus Coeruleus Speaks Up in Sleep: Recent Insights, Emerging Perspectives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5028.	4.1	35
8	Highly Dynamic Spatiotemporal Organization of Low-Frequency Activities During Behavioral States in the Mouse Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 5444-5462.	2.9	34
9	A Thalamic Reticular Circuit for Head Direction Cell Tuning and Spatial Navigation. <i>Cell Reports</i> , 2020, 31, 107747.	6.4	30
10	Cortical afferents onto the nucleus Reticularis thalami promote plasticity of low-threshold excitability through GluN2C-NMDARs. <i>Scientific Reports</i> , 2017, 7, 12271.	3.3	18
11	Cortico-autonomic local arousals and heightened somatosensory arousability during NREMS of mice in neuropathic pain. <i>ELife</i> , 2021, 10, .	6.0	13
12	Quantifying Infra-slow Dynamics of Spectral Power and Heart Rate in Sleeping Mice. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	5