

Niels Niethard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1408057/publications.pdf>

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12
papers

1,290
citations

932766

10
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Type-Specific Dynamics of Calcium Activity in Cortical Circuits over the Course of Slow-Wave Sleep and Rapid Eye Movement Sleep. <i>Journal of Neuroscience</i> , 2021, 41, 4212-4222.	1.7	29
2	Temporal associations between sleep slow oscillations, spindles and ripples. <i>European Journal of Neuroscience</i> , 2020, 52, 4762-4778.	1.2	42
3	A Backup of Hippocampal Spatial Code outside the Hippocampus? New Light on Systems Memory Consolidation. <i>Neuron</i> , 2020, 106, 204-206.	3.8	4
4	Deepened sleep makes hippocampal spatial memory more persistent. <i>Neurobiology of Learning and Memory</i> , 2020, 173, 107245.	1.0	8
5	Mechanisms of systems memory consolidation during sleep. <i>Nature Neuroscience</i> , 2019, 22, 1598-1610.	7.1	589
6	How rhythms of the sleeping brain tune memory and synaptic plasticity. <i>Sleep</i> , 2019, 42, .	0.6	70
7	Back to baseline: sleep recalibrates synapses. <i>Nature Neuroscience</i> , 2019, 22, 149-151.	7.1	17
8	Sleep stage dynamics in neocortex and hippocampus. <i>Sleep</i> , 2018, 41, .	0.6	34
9	The hippocampus is crucial for forming non-hippocampal long-term memory during sleep. <i>Nature</i> , 2018, 564, 109-113.	13.7	136
10	Cortical circuit activity underlying sleep slow oscillations and spindles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9220-E9229.	3.3	196
11	Plasticity during Sleep Is Linked to Specific Regulation of Cortical Circuit Activity. <i>Frontiers in Neural Circuits</i> , 2017, 11, 65.	1.4	57
12	Sleep-Stage-Specific Regulation of Cortical Excitation and Inhibition. <i>Current Biology</i> , 2016, 26, 2739-2749.	1.8	102