

# Niels Niethard

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	Mechanisms of systems memory consolidation during sleep. <i>Nature Neuroscience</i> , 2019, 22, 1598-1610.	7.1	589
2	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
3	The hippocampus is crucial for forming non-hippocampal long-term memory during sleep. <i>Nature</i> , 2018, 564, 109-113.	13.7	136
4	Sleep-Stage-Specific Regulation of Cortical Excitation and Inhibition. <i>Current Biology</i> , 2016, 26, 2739-2749.	1.8	102
5	How rhythms of the sleeping brain tune memory and synaptic plasticity. <i>Sleep</i> , 2019, 42, .	0.6	70
6	Plasticity during Sleep Is Linked to Specific Regulation of Cortical Circuit Activity. <i>Frontiers in Neural Circuits</i> , 2017, 11, 65.	1.4	57
7	Temporal associations between sleep slow oscillations, spindles and ripples. <i>European Journal of Neuroscience</i> , 2020, 52, 4762-4778.	1.2	42
8	Sleep stage dynamics in neocortex and hippocampus. <i>Sleep</i> , 2018, 41, .	0.6	34
9	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
10	Back to baseline: sleep recalibrates synapses. <i>Nature Neuroscience</i> , 2019, 22, 149-151.	7.1	17
11	Deepened sleep makes hippocampal spatial memory more persistent. <i>Neurobiology of Learning and Memory</i> , 2020, 173, 107245.	1.0	8
12	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