Tobias Staudigl

List of Publications by Year in descending order

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27	2,373	471509 17	526287 27
papers	citations	h-index	g-index

37	37	37	2480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prestimulus oscillations predict visual perception performance between and within subjects. NeuroImage, 2007, 37, 1465-1473.	4.2	613
2	Oscillatory power decreases and long-term memory: the information via desynchronization hypothesis. Frontiers in Human Neuroscience, 2012, 6, 74.	2.0	369
3	Theta Oscillations at Encoding Mediate the Context-Dependent Nature of Human Episodic Memory. Current Biology, 2013, 23, 1101-1106.	3.9	222
4	How brain oscillations form memories â€" A processing based perspective on oscillatory subsequent memory effects. NeuroImage, 2014, 85, 648-655.	4.2	202
5	Theta Oscillations Reflect the Dynamics of Interference in Episodic Memory Retrieval. Journal of Neuroscience, 2010, 30, 11356-11362.	3.6	122
6	Theta oscillations predict the detrimental effects of memory retrieval. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 329-338.	2.0	86
7	Theta Phase-Coordinated Memory Reactivation Reoccurs in a Slow-Oscillatory Rhythm during NREM Sleep. Cell Reports, 2018, 25, 296-301.	6.4	83
8	Endogenous memory reactivation during sleep in humans is clocked by slow oscillation-spindle complexes. Nature Communications, 2021, 12, 3112.	12.8	71
9	Prefrontally Driven Downregulation of Neural Synchrony Mediates Goal-Directed Forgetting. Journal of Neuroscience, 2012, 32, 14742-14751.	3.6	69
10	Rapid Memory Reactivation Revealed by Oscillatory Entrainment. Current Biology, 2012, 22, 1482-1486.	3.9	63
11	Temporal-Pattern Similarity Analysis Reveals the Beneficial and Detrimental Effects of Context Reinstatement on Human Memory. Journal of Neuroscience, 2015, 35, 5373-5384.	3.6	57
12	Memory-guided attention in the anterior thalamus. Neuroscience and Biobehavioral Reviews, 2016, 66, 163-165.	6.1	51
13	Memory signals from the thalamus: Early thalamocortical phase synchronization entrains gamma oscillations during long-term memory retrieval. Neuropsychologia, 2012, 50, 3519-3527.	1.6	50
14	Saccades are phase-locked to alpha oscillations in the occipital and medial temporal lobe during successful memory encoding. PLoS Biology, 2017, 15, e2003404.	5.6	50
15	Electrophysiological signatures of memory reactivation in humans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190293.	4.0	43
16	Hexadirectional Modulation of High-Frequency Electrophysiological Activity in the Human Anterior Medial Temporal Lobe Maps Visual Space. Current Biology, 2018, 28, 3325-3329.e4.	3.9	42
17	Medial Prefrontal Theta Oscillations Track the Time Course of Interference during Selective Memory Retrieval. Journal of Cognitive Neuroscience, 2014, 26, 777-791.	2.3	24
18	Alpha/beta power decreases during episodic memory formation predict the magnitude of alpha/beta power decreases during subsequent retrieval. Neuropsychologia, 2021, 153, 107755.	1.6	21

#	Article	IF	Citations
19	Across-subjects classification of stimulus modality from human MEG high frequency activity. PLoS Computational Biology, 2018, 14, e1005938.	3.2	20
20	No Evidence for Memory Decontextualization across One Night of Sleep. Frontiers in Human Neuroscience, 2016, 10, 7.	2.0	15
21	Neural activity in the human anterior thalamus during natural vision. Scientific Reports, 2021, 11, 17480.	3.3	14
22	Saccade-related neural communication in the human medial temporal lobe is modulated by the social relevance of stimuli. Science Advances, 2022, 8, eabl6037.	10.3	14
23	Directed forgetting in young children: Evidence for a production deficiency. Psychonomic Bulletin and Review, 2010, 17, 784-789.	2.8	13
24	Hemispheric Asymmetry of Globus Pallidus Relates to Alpha Modulation in Reward-Related Attentional Tasks. Journal of Neuroscience, 2019, 39, 9221-9236.	3.6	12
25	Reactivation of neural patterns during memory reinstatement supports encoding specificity. Cognitive Neuroscience, 2019, 10, 175-185.	1.4	11
26	Rhythmic interactions between the mediodorsal thalamus and prefrontal cortex precede human visual perception. Nature Communications, 2022, 13, .	12.8	11
27	Memorial Consequences of Environmental Context Change in Children and Adults. Experimental Psychology, 2010, 57, 455-461.	0.7	7