Malte WÃ¶stmann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1731058/publications.pdf

Version: 2024-02-01

50	2,181	279798	289244
papers	citations	23 h-index	40 g-index

67	67	67	1781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adverse Listening Conditions and Memory Load Drive a Common Alpha Oscillatory Network. Journal of Neuroscience, 2012, 32, 12376-12383.	3.6	173
2	Spatiotemporal dynamics of auditory attention synchronize with speech. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3873-3878.	7.1	169
3	Cortical alpha oscillations as a tool for auditory selective inhibition. Frontiers in Human Neuroscience, 2014, 8, 350.	2.0	142
4	Neural Alpha Dynamics in Younger and Older Listeners Reflect Acoustic Challenges and Predictive Benefits. Journal of Neuroscience, 2015, 35, 1458-1467.	3.6	116
5	Single-channel in-ear-EEG detects the focus of auditory attention to concurrent tone streams and mixed speech. Journal of Neural Engineering, 2017, 14, 036020.	3.5	116
6	The Human Neural Alpha Response to Speech is a Proxy of Attentional Control. Cerebral Cortex, 2017, 27, 3307-3317.	2.9	109
7	Late cortical tracking of ignored speech facilitates neural selectivity in acoustically challenging conditions. NeuroImage, 2019, 186, 33-42.	4.2	105
8	States and traits of neural irregularity in the age-varying human brain. Scientific Reports, 2017, 7, 17381.	3.3	97
9	Neural tracking of attended versus ignored speech is differentially affected by hearing loss. Journal of Neurophysiology, 2017, 117, 18-27.	1.8	96
10	Alpha Oscillations in the Human Brain Implement Distractor Suppression Independent of Target Selection. Journal of Neuroscience, 2019, 39, 9797-9805.	3.6	84
11	Opposite effects of lateralised transcranial alpha versus gamma stimulation on auditory spatial attention. Brain Stimulation, 2018, 11, 752-758.	1.6	64
12	Hearing loss impacts neural alpha oscillations under adverse listening conditions. Frontiers in Psychology, 2015, 6, 177.	2.1	62
13	Prestimulus neural alpha power predicts confidence in discriminating identical auditory stimuli. European Journal of Neuroscience, 2019, 49, 94-105.	2.6	54
14	Selective Attention to Auditory Memory Neurally Enhances Perceptual Precision. Journal of Neuroscience, 2015, 35, 16094-16104.	3.6	53
15	Probing the limits of alpha power lateralisation as a neural marker of selective attention in middleâ€aged and older listeners. European Journal of Neuroscience, 2018, 48, 2537-2550.	2.6	53
16	Delineating the cortico-striatal-cerebellar network in implicit motor sequence learning. NeuroImage, 2014, 94, 222-230.	4.2	50
17	Frontal and motor cortex contributions to response inhibition: evidence from electrocorticography. Journal of Neurophysiology, 2016, 115, 2224-2236.	1.8	48
18	Tracking the signal, cracking the code: speech and speech comprehension in non-invasive human electrophysiology. Language, Cognition and Neuroscience, 2017, 32, 855-869.	1.2	45

#	Article	IF	Citations
19	Striatalâ€“cerebellar networks mediate consolidation in a motor sequence learning task: An fMRI study using dynamic causal modelling. NeuroImage, 2015, 122, 52-64.	4.2	42
20	Reduced alpha-gamma phase amplitude coupling over right parietal cortex is associated with implicit visuomotor sequence learning. NeuroImage, 2016, 141, 60-70.	4.2	36
21	Mini-review: The Role of the Cerebellum in Visuomotor Adaptation. Cerebellum, 2022, 21, 306-313.	2.5	35
22	Beneficial effects of cerebellar tDCS on motor learning are associated with altered putamen-cerebellar connectivity: A simultaneous tDCS-fMRI study. NeuroImage, 2020, 223, 117363.	4.2	32
23	Target enhancement or distractor suppression? Functionally distinct alpha oscillations form the basis of attention. European Journal of Neuroscience, 2022, 55, 3256-3265.	2.6	32
24	Acoustic Detail Guides Attention Allocation in a Selective Listening Task. Journal of Cognitive Neuroscience, 2015, 27, 988-1000.	2.3	31
25	Ten simple rules to study distractor suppression. Progress in Neurobiology, 2022, 213, 102269.	5.7	31
26	Ready for change: Oscillatory mechanisms of proactive motor control. PLoS ONE, 2018, 13, e0196855.	2.5	29
27	Cerebellar â€“ Premotor cortex interactions underlying visuomotor adaptation. NeuroImage, 2020, 220, 117142.	4.2	29
28	Cerebellar degeneration affects cortico-cortical connectivity in motor learning networks. NeuroImage: Clinical, 2017, 16, 66-78.	2.7	27
29	Acoustic Detail But Not Predictability of Task-Irrelevant Speech Disrupts Working Memory. Frontiers in Human Neuroscience, 2016, 10, 538.	2.0	22
30	Does Closing the Eyes Enhance Auditory Attention? Eye Closure Increases Attentional Alpha-Power Modulation but Not Listening Performance. Journal of Cognitive Neuroscience, 2020, 32, 212-225.	2.3	22
31	Large-scale network dynamics of beta-band oscillations underlie auditory perceptual decision-making. Network Neuroscience, 2017, 1, 166-191.	2.6	19
32	Alpha-gamma phase amplitude coupling subserves information transfer during perceptual sequence learning. Neurobiology of Learning and Memory, 2018, 149, 107-117.	1.9	17
33	Alpha oscillations modulate premotor-cerebellar connectivity in motor learning: Insights from transcranial alternating current stimulation. NeuroImage, 2021, 241, 118410.	4.2	15
34	Cerebellar rTMS and PAS effectively induce cerebellar plasticity. Scientific Reports, 2021, 11, 3070.	3.3	13
35	Cerebello-striatal interaction mediates effects of subthalamic nucleus deep brain stimulation in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 67, 99-104.	2.2	11
36	Unilateral Acoustic Degradation Delays Attentional Separation of Competing Speech. Trends in Hearing, 2021, 25, 233121652110132.	1.3	11

#	Article	IF	Citations
37	Orienting auditory attention in time: Lateralized alpha power reflects spatio-temporal filtering. NeuroImage, 2021, 228, 117711.	4.2	11
38	The vulnerability of working memory to distraction is rhythmic. Neuropsychologia, 2020, 146, 107505.	1.6	9
39	Age-Related Neural Oscillation Patterns During the Processing of Temporally Manipulated Speech. Brain Topography, 2016, 29, 440-458.	1.8	8
40	Working-memory disruption by task-irrelevant talkers depends on degree of talker familiarity. Attention, Perception, and Psychophysics, 2019, 81, 1108-1118.	1.3	8
41	Coherent theta oscillations in the cerebellum and supplementary motor area mediate visuomotor adaptation. NeuroImage, 2022, 251, 118985.	4.2	8
42	The Benefit of Attention-to-Memory Depends on the Interplay of Memory Capacity and Memory Load. Frontiers in Psychology, 2018, 9, 184.	2.1	6
43	Personality captures dissociations of subjective versus objective hearing in noise. Royal Society Open Science, 2021, 8, 210881.	2.4	5
44	Motor Sequence Learning Deficits in Idiopathic Parkinsonâ€™s Disease Are Associated With Increased Substantia Nigra Activity. Frontiers in Aging Neuroscience, 2021, 13, 685168.	3.4	4
45	Effective connectivity underlying rewardâ€based executive control. Human Brain Mapping, 2021, 42, 4555-4567.	3.6	3
46	Motor learning deficits in cervical dystonia point to defective basal ganglia circuitry. Scientific Reports, 2021, 11, 7332.	3.3	2
47	Classification of EEG Signals Reveals a Focal Aftereffect of 10ÂHz Motor Cortex Transcranial Alternating Current Stimulation. Cerebral Cortex Communications, 2022, 3, tgab067.	1.6	2
48	Effects of temporally regular versus irregular distractors on goal-directed cognition and behavior. Scientific Reports, 2022, 12, .	3.3	2
49	Does attention follow a rhythm?. Nature Human Behaviour, 2022, 6, 1192-1193.	12.0	2
50	Abnormal effective connectivity in the sensory network in writerâ€™s cramp. NeuroImage: Clinical, 2021, 31, 102761.	2.7	1