

Malte WäJstmann

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,181
citations

279798

23
h-index

289244

40
g-index

67
all docs

67
docs citations

67
times ranked

1781
citing authors

#	ARTICLE	IF	CITATIONS
1	Target enhancement or distractor suppression? Functionally distinct alpha oscillations form the basis of attention. <i>European Journal of Neuroscience</i> , 2022, 55, 3256-3265.	2.6	32
2	Mini-review: The Role of the Cerebellum in Visuomotor Adaptation. <i>Cerebellum</i> , 2022, 21, 306-313.	2.5	35
3	Classification of EEG Signals Reveals a Focal Aftereffect of 10ÂHz Motor Cortex Transcranial Alternating Current Stimulation. <i>Cerebral Cortex Communications</i> , 2022, 3, tgab067.	1.6	2
4	Coherent theta oscillations in the cerebellum and supplementary motor area mediate visuomotor adaptation. <i>NeuroImage</i> , 2022, 251, 118985.	4.2	8
5	Ten simple rules to study distractor suppression. <i>Progress in Neurobiology</i> , 2022, 213, 102269.	5.7	31
6	Effects of temporally regular versus irregular distractors on goal-directed cognition and behavior. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
7	Does attention follow a rhythm?. <i>Nature Human Behaviour</i> , 2022, 6, 1192-1193.	12.0	2
8	Unilateral Acoustic Degradation Delays Attentional Separation of Competing Speech. <i>Trends in Hearing</i> , 2021, 25, 233121652110132.	1.3	11
9	Cerebellar rTMS and PAS effectively induce cerebellar plasticity. <i>Scientific Reports</i> , 2021, 11, 3070.	3.3	13
10	Orienting auditory attention in time: Lateralized alpha power reflects spatio-temporal filtering. <i>NeuroImage</i> , 2021, 228, 117711.	4.2	11
11	Motor learning deficits in cervical dystonia point to defective basal ganglia circuitry. <i>Scientific Reports</i> , 2021, 11, 7332.	3.3	2
12	Effective connectivity underlying rewardâ€based executive control. <i>Human Brain Mapping</i> , 2021, 42, 4555-4567.	3.6	3
13	Motor Sequence Learning Deficits in Idiopathic Parkinsonâ€™s Disease Are Associated With Increased Substantia Nigra Activity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 685168.	3.4	4
14	Alpha oscillations modulate premotor-cerebellar connectivity in motor learning: Insights from transcranial alternating current stimulation. <i>NeuroImage</i> , 2021, 241, 118410.	4.2	15
15	Abnormal effective connectivity in the sensory network in writerâ€™s cramp. <i>NeuroImage: Clinical</i> , 2021, 31, 102761.	2.7	1
16	Personality captures dissociations of subjective versus objective hearing in noise. <i>Royal Society Open Science</i> , 2021, 8, 210881.	2.4	5
17	Does Closing the Eyes Enhance Auditory Attention? Eye Closure Increases Attentional Alpha-Power Modulation but Not Listening Performance. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 212-225.	2.3	22
18	Cerebellar â€ Premotor cortex interactions underlying visuomotor adaptation. <i>NeuroImage</i> , 2020, 220, 117142.	4.2	29

#	ARTICLE	IF	CITATIONS
19	Beneficial effects of cerebellar tDCS on motor learning are associated with altered putamen-cerebellar connectivity: A simultaneous tDCS-fMRI study. <i>NeuroImage</i> , 2020, 223, 117363.	4.2	32
20	The vulnerability of working memory to distraction is rhythmic. <i>Neuropsychologia</i> , 2020, 146, 107505.	1.6	9
21	Alpha Oscillations in the Human Brain Implement Distractor Suppression Independent of Target Selection. <i>Journal of Neuroscience</i> , 2019, 39, 9797-9805.	3.6	84
22	Cerebello-striatal interaction mediates effects of subthalamic nucleus deep brain stimulation in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 67, 99-104.	2.2	11
23	Working-memory disruption by task-irrelevant talkers depends on degree of talker familiarity. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1108-1118.	1.3	8
24	Late cortical tracking of ignored speech facilitates neural selectivity in acoustically challenging conditions. <i>NeuroImage</i> , 2019, 186, 33-42.	4.2	105
25	Prestimulus neural alpha power predicts confidence in discriminating identical auditory stimuli. <i>European Journal of Neuroscience</i> , 2019, 49, 94-105.	2.6	54
26	Alpha-gamma phase amplitude coupling subserves information transfer during perceptual sequence learning. <i>Neurobiology of Learning and Memory</i> , 2018, 149, 107-117.	1.9	17
27	Opposite effects of lateralised transcranial alpha versus gamma stimulation on auditory spatial attention. <i>Brain Stimulation</i> , 2018, 11, 752-758.	1.6	64
28	Probing the limits of alpha power lateralisation as a neural marker of selective attention in middle-aged and older listeners. <i>European Journal of Neuroscience</i> , 2018, 48, 2537-2550.	2.6	53
29	Ready for change: Oscillatory mechanisms of proactive motor control. <i>PLoS ONE</i> , 2018, 13, e0196855.	2.5	29
30	The Benefit of Attention-to-Memory Depends on the Interplay of Memory Capacity and Memory Load. <i>Frontiers in Psychology</i> , 2018, 9, 184.	2.1	6
31	Tracking the signal, cracking the code: speech and speech comprehension in non-invasive human electrophysiology. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 855-869.	1.2	45
32	Single-channel in-ear-EEG detects the focus of auditory attention to concurrent tone streams and mixed speech. <i>Journal of Neural Engineering</i> , 2017, 14, 036020.	3.5	116
33	The Human Neural Alpha Response to Speech is a Proxy of Attentional Control. <i>Cerebral Cortex</i> , 2017, 27, 3307-3317.	2.9	109
34	Large-scale network dynamics of beta-band oscillations underlie auditory perceptual decision-making. <i>Network Neuroscience</i> , 2017, 1, 166-191.	2.6	19
35	Cerebellar degeneration affects cortico-cortical connectivity in motor learning networks. <i>NeuroImage: Clinical</i> , 2017, 16, 66-78.	2.7	27
36	Neural tracking of attended versus ignored speech is differentially affected by hearing loss. <i>Journal of Neurophysiology</i> , 2017, 117, 18-27.	1.8	96

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37	States and traits of neural irregularity in the age-varying human brain. <i>Scientific Reports</i> , 2017, 7, 17381.	3.3	97
38	Acoustic Detail But Not Predictability of Task-Irrelevant Speech Disrupts Working Memory. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 538.	2.0	22
39	Frontal and motor cortex contributions to response inhibition: evidence from electrocorticography. <i>Journal of Neurophysiology</i> , 2016, 115, 2224-2236.	1.8	48
40	Age-Related Neural Oscillation Patterns During the Processing of Temporally Manipulated Speech. <i>Brain Topography</i> , 2016, 29, 440-458.	1.8	8
41	Reduced alpha-gamma phase amplitude coupling over right parietal cortex is associated with implicit visuomotor sequence learning. <i>NeuroImage</i> , 2016, 141, 60-70.	4.2	36
42	Spatiotemporal dynamics of auditory attention synchronize with speech. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3873-3878.	7.1	169
43	Hearing loss impacts neural alpha oscillations under adverse listening conditions. <i>Frontiers in Psychology</i> , 2015, 6, 177.	2.1	62
44	Selective Attention to Auditory Memory Neurally Enhances Perceptual Precision. <i>Journal of Neuroscience</i> , 2015, 35, 16094-16104.	3.6	53
45	Neural Alpha Dynamics in Younger and Older Listeners Reflect Acoustic Challenges and Predictive Benefits. <i>Journal of Neuroscience</i> , 2015, 35, 1458-1467.	3.6	116
46	Acoustic Detail Guides Attention Allocation in a Selective Listening Task. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 988-1000.	2.3	31
47	Striatum-cerebellar networks mediate consolidation in a motor sequence learning task: An fMRI study using dynamic causal modelling. <i>NeuroImage</i> , 2015, 122, 52-64.	4.2	42
48	Cortical alpha oscillations as a tool for auditory selective inhibition. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 350.	2.0	142
49	Delineating the cortico-striatal-cerebellar network in implicit motor sequence learning. <i>NeuroImage</i> , 2014, 94, 222-230.	4.2	50
50	Adverse Listening Conditions and Memory Load Drive a Common Alpha Oscillatory Network. <i>Journal of Neuroscience</i> , 2012, 32, 12376-12383.	3.6	173