

Markus Bauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/912237/publications.pdf>

Version: 2024-02-01

32
papers

2,352
citations

279487

23
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Tactile Spatial Attention Enhances Gamma-Band Activity in Somatosensory Cortex and Reduces Low-Frequency Activity in Parieto-Occipital Areas. <i>Journal of Neuroscience</i> , 2006, 26, 490-501.	1.7	417
2	Attentional Modulation of Alpha/Beta and Gamma Oscillations Reflect Functionally Distinct Processes. <i>Journal of Neuroscience</i> , 2014, 34, 16117-16125.	1.7	196
3	Frontal alpha oscillations distinguish leaders from followers: Multivariate decoding of mutually interacting brains. <i>NeuroImage</i> , 2014, 94, 79-88.	2.1	177
4	Spatial Attention, Precision, and Bayesian Inference: A Study of Saccadic Response Speed. <i>Cerebral Cortex</i> , 2014, 24, 1436-1450.	1.6	151
5	Population Activity in the Human Dorsal Pathway Predicts the Accuracy of Visual Motion Detection. <i>Journal of Neurophysiology</i> , 2007, 98, 345-359.	0.9	141
6	Interactions between posterior gamma and frontal alpha/beta oscillations during imagined actions. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 7.	1.0	124
7	Cholinergic Enhancement of Visual Attention and Neural Oscillations in the Human Brain. <i>Current Biology</i> , 2012, 22, 397-402.	1.8	124
8	Attentional selection of location and modality in vision and touch modulates low-frequency activity in associated sensory cortices. <i>Journal of Neurophysiology</i> , 2012, 107, 2342-2351.	0.9	96
9	Dynamic recruitment of resting state sub-networks. <i>NeuroImage</i> , 2015, 115, 85-95.	2.1	93
10	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 2668-2681.	1.6	85
11	Synchronization of Medial Temporal Lobe and Prefrontal Rhythms in Human Decision Making. <i>Journal of Neuroscience</i> , 2013, 33, 442-451.	1.7	82
12	The brain's response to pleasant touch: an EEG investigation of tactile caressing. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 893.	1.0	77
13	Causal evidence that intrinsic beta-frequency is relevant for enhanced signal propagation in the motor system as shown through rhythmic TMS. <i>NeuroImage</i> , 2016, 126, 120-130.	2.1	75
14	Modulation of post-movement beta rebound by contraction force and rate of force development. <i>Human Brain Mapping</i> , 2016, 37, 2493-2511.	1.9	65
15	Neural Characterization of the Speed-Accuracy Tradeoff in a Perceptual Decision-Making Task. <i>Journal of Neuroscience</i> , 2011, 31, 1254-1266.	1.7	62
16	Cholinergic Stimulation Enhances Bayesian Belief Updating in the Deployment of Spatial Attention. <i>Journal of Neuroscience</i> , 2014, 34, 15735-15742.	1.7	57
17	Plasticity of human auditory-evoked fields induced by shock conditioning and contingency reversal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12545-12550.	3.3	46
18	No evidence for widespread synchronized networks in binocular rivalry: MEG frequency tagging entrains primarily early visual cortex. <i>Journal of Vision</i> , 2008, 8, 4.	0.1	40

#	ARTICLE	IF	CITATIONS
19	Subliminal action priming modulates the perceived intensity of sensory action consequences. <i>Cognition</i> , 2014, 130, 227-235.	1.1	34
20	Dynamic causal modelling of eye movements during pursuit: Confirming precision-encoding in V1 using MEG. <i>NeuroImage</i> , 2016, 132, 175-189.	2.1	31
21	What Happens in Between? Human Oscillatory Brain Activity Related to Crossmodal Spatial Cueing. <i>PLoS ONE</i> , 2008, 3, e1467.	1.1	31
22	Enhanced Alpha-oscillations in Visual Cortex during Anticipation of Self-generated Visual Stimulation. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2540-2551.	1.1	30
23	Tactile stimulation accelerates behavioral responses to visual stimuli through enhancement of occipital gamma-band activity. <i>Vision Research</i> , 2009, 49, 931-942.	0.7	28
24	Parallel processing streams for motor output and sensory prediction during action preparation. <i>Journal of Neurophysiology</i> , 2015, 113, 1752-1762.	0.9	25
25	Cortical responses to contextual influences in amodal completion. <i>NeuroImage</i> , 2006, 32, 1815-1825.	2.1	19
26	Altered Nucleus Basalis Connectivity Predicts Treatment Response in Mild Cognitive Impairment. <i>Radiology</i> , 2018, 289, 775-785.	3.6	18
27	Multisensory Integration: A Functional Role for Inter-Area Synchronization?. <i>Current Biology</i> , 2008, 18, R709-R710.	1.8	9
28	Does visual flicker phase at gamma frequency modulate neural signal propagation and stimulus selection?. <i>Journal of Vision</i> , 2012, 12, 5-5.	0.1	6
29	Frequency- and state-dependent effects of hippocampal neural disinhibition on hippocampal local field potential oscillations in anesthetized rats. <i>Hippocampus</i> , 2020, 30, 1021-1043.	0.9	4
30	Can the causal role of brain oscillations be studied through rhythmic brain stimulation?. <i>Journal of Vision</i> , 2021, 21, 2.	0.1	3
31	Re-construction of action awareness depends on an internal model of action-outcome timing. <i>Consciousness and Cognition</i> , 2014, 25, 11-16.	0.8	2
32	Individual differences in theta-band oscillations in a spatial memory network revealed by electroencephalography predict rapid place learning. <i>Brain and Neuroscience Advances</i> , 2021, 5, 239821282110027.	1.8	2