

Markus Bauer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,805
citations

22
h-index

35
g-index

35
ext. papers

2,169
ext. citations

5.2
avg, IF

4.61
L-index

#	Paper	IF	Citations
33	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	6.6	345
32	Attentional modulation of alpha/beta and gamma oscillations reflect functionally distinct processes. <i>Journal of Neuroscience</i> , 2014 , 34, 16117-25	6.6	137
31	Frontal alpha oscillations distinguish leaders from followers: multivariate decoding of mutually interacting brains. <i>NeuroImage</i> , 2014 , 94, 79-88	7.9	132
30	Spatial attention, precision, and Bayesian inference: a study of saccadic response speed. <i>Cerebral Cortex</i> , 2014 , 24, 1436-50	5.1	127
29	Interactions between posterior gamma and frontal alpha/beta oscillations during imagined actions. <i>Frontiers in Human Neuroscience</i> , 2008 , 2, 7	3.3	111
28	Population activity in the human dorsal pathway predicts the accuracy of visual motion detection. <i>Journal of Neurophysiology</i> , 2007 , 98, 345-59	3.2	110
27	Cholinergic enhancement of visual attention and neural oscillations in the human brain. <i>Current Biology</i> , 2012 , 22, 397-402	6.3	104
26	Synchronization of medial temporal lobe and prefrontal rhythms in human decision making. <i>Journal of Neuroscience</i> , 2013 , 33, 442-51	6.6	72
25	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, 2342-51	3.2	72
24	Dynamic recruitment of resting state sub-networks. <i>NeuroImage</i> , 2015 , 115, 85-95	7.9	58
23	The brains response to pleasant touch: an EEG investigation of tactile caressing. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 893	3.3	53
22	Neural characterization of the speed-accuracy tradeoff in a perceptual decision-making task. <i>Journal of Neuroscience</i> , 2011 , 31, 1254-66	6.6	53
21	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, 120-30	7.9	51
20	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , 2019 , 29, 2668-2681	5.1	47
19	Modulation of post-movement beta rebound by contraction force and rate of force development. <i>Human Brain Mapping</i> , 2016 , 37, 2493-511	5.9	42
18	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, 12545-50	11.5	39
17	Cholinergic stimulation enhances Bayesian belief updating in the deployment of spatial attention. <i>Journal of Neuroscience</i> , 2014 , 34, 15735-42	6.6	36

16	No evidence for widespread synchronized networks in binocular rivalry: MEG frequency tagging entrains primarily early visual cortex. <i>Journal of Vision</i> , 2008 , 8, 4.1-8	0.4	32
15	Subliminal action priming modulates the perceived intensity of sensory action consequences. <i>Cognition</i> , 2014 , 130, 227-35	3.5	28
14	What happens in between? Human oscillatory brain activity related to crossmodal spatial cueing. <i>PLoS ONE</i> , 2008 , 3, e1467	3.7	26
13	Dynamic causal modelling of eye movements during pursuit: Confirming precision-encoding in V1 using MEG. <i>NeuroImage</i> , 2016 , 132, 175-189	7.9	25
12	Tactile stimulation accelerates behavioral responses to visual stimuli through enhancement of occipital gamma-band activity. <i>Vision Research</i> , 2009 , 49, 931-42	2.1	23
11	Enhanced alpha-oscillations in visual cortex during anticipation of self-generated visual stimulation. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 2540-51	3.1	20
10	Parallel processing streams for motor output and sensory prediction during action preparation. <i>Journal of Neurophysiology</i> , 2015 , 113, 1752-62	3.2	20
9	Cortical responses to contextual influences in amodal completion. <i>NeuroImage</i> , 2006 , 32, 1815-25	7.9	17
8	Altered Nucleus Basalis Connectivity Predicts Treatment Response in Mild Cognitive Impairment. <i>Radiology</i> , 2018 , 289, 775-785	20.5	9
7	Multisensory integration: a functional role for inter-area synchronization?. <i>Current Biology</i> , 2008 , 18, R709-10	6.3	8
6	Does visual flicker phase at gamma frequency modulate neural signal propagation and stimulus selection?. <i>Journal of Vision</i> , 2012 , 12,	0.4	4
5	Re-construction of action awareness depends on an internal model of action-outcome timing. <i>Consciousness and Cognition</i> , 2014 , 25, 11-6	2.6	2
4	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	3.5	1
3	Individual differences in theta-band oscillations in a spatial memory network revealed by EEG predict rapid place learning		1
2	Can the causal role of brain oscillations be studied through rhythmic brain stimulation?. <i>Journal of Vision</i> , 2021 , 21, 2	0.4	0
1	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, 23982128211002725	4.1	0