

# Markus Bauer

## List of Publications by Year in Descending Order

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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	Can the causal role of brain oscillations be studied through rhythmic brain stimulation?. <i>Journal of Vision</i> , <b>2021</b> , 21, 2	0.4	0
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> , <b>2021</b> , 5, 23982128211002725	4.8	10
31	Frequency- and state-dependent effects of hippocampal neural disinhibition on hippocampal local field potential oscillations in anesthetized rats. <i>Hippocampus</i> , <b>2020</b> , 30, 1021-1043	3.5	1
30	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 2668-2681	5.1	47
29	Altered Nucleus Basalis Connectivity Predicts Treatment Response in Mild Cognitive Impairment. <i>Radiology</i> , <b>2018</b> , 289, 775-785	20.5	9
28	Causal evidence that intrinsic beta-frequency is relevant for enhanced signal propagation in the motor system as shown through rhythmic TMS. <i>NeuroImage</i> , <b>2016</b> , 126, 120-30	7.9	51
27	Dynamic causal modelling of eye movements during pursuit: Confirming precision-encoding in V1 using MEG. <i>NeuroImage</i> , <b>2016</b> , 132, 175-189	7.9	25
26	Modulation of post-movement beta rebound by contraction force and rate of force development. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 2493-511	5.9	42
25	Dynamic recruitment of resting state sub-networks. <i>NeuroImage</i> , <b>2015</b> , 115, 85-95	7.9	58
24	Parallel processing streams for motor output and sensory prediction during action preparation. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 1752-62	3.2	20
23	Frontal alpha oscillations distinguish leaders from followers: multivariate decoding of mutually interacting brains. <i>NeuroImage</i> , <b>2014</b> , 94, 79-88	7.9	132
22	Re-construction of action awareness depends on an internal model of action-outcome timing. <i>Consciousness and Cognition</i> , <b>2014</b> , 25, 11-6	2.6	2
21	Cholinergic stimulation enhances Bayesian belief updating in the deployment of spatial attention. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 15735-42	6.6	36
20	Subliminal action priming modulates the perceived intensity of sensory action consequences. <i>Cognition</i> , <b>2014</b> , 130, 227-35	3.5	28
19	Enhanced alpha-oscillations in visual cortex during anticipation of self-generated visual stimulation. <i>Journal of Cognitive Neuroscience</i> , <b>2014</b> , 26, 2540-51	3.1	20
18	The brains response to pleasant touch: an EEG investigation of tactile caressing. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 893	3.3	53
17	Spatial attention, precision, and Bayesian inference: a study of saccadic response speed. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 1436-50	5.1	127

16	Attentional modulation of alpha/beta and gamma oscillations reflect functionally distinct processes. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 16117-25	6.6	137
15	Synchronization of medial temporal lobe and prefrontal rhythms in human decision making. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 442-51	6.6	72
14	Cholinergic enhancement of visual attention and neural oscillations in the human brain. <i>Current Biology</i> , <b>2012</b> , 22, 397-402	6.3	104
13	Does visual flicker phase at gamma frequency modulate neural signal propagation and stimulus selection?. <i>Journal of Vision</i> , <b>2012</b> , 12,	0.4	4
12	Attentional selection of location and modality in vision and touch modulates low-frequency activity in associated sensory cortices. <i>Journal of Neurophysiology</i> , <b>2012</b> , 107, 2342-51	3.2	72
11	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> , <b>2011</b> , 108, 12545-50	11.5	39
10	Neural characterization of the speed-accuracy tradeoff in a perceptual decision-making task. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 1254-66	6.6	53
9	Tactile stimulation accelerates behavioral responses to visual stimuli through enhancement of occipital gamma-band activity. <i>Vision Research</i> , <b>2009</b> , 49, 931-42	2.1	23
8	Multisensory integration: a functional role for inter-area synchronization?. <i>Current Biology</i> , <b>2008</b> , 18, R709-10	6.3	8
7	No evidence for widespread synchronized networks in binocular rivalry: MEG frequency tagging entrains primarily early visual cortex. <i>Journal of Vision</i> , <b>2008</b> , 8, 4.1-8	0.4	32
6	Interactions between posterior gamma and frontal alpha/beta oscillations during imagined actions. <i>Frontiers in Human Neuroscience</i> , <b>2008</b> , 2, 7	3.3	111
5	What happens in between? Human oscillatory brain activity related to crossmodal spatial cueing. <i>PLoS ONE</i> , <b>2008</b> , 3, e1467	3.7	26
4	Population activity in the human dorsal pathway predicts the accuracy of visual motion detection. <i>Journal of Neurophysiology</i> , <b>2007</b> , 98, 345-59	3.2	110
3	Tactile spatial attention enhances gamma-band activity in somatosensory cortex and reduces low-frequency activity in parieto-occipital areas. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 490-501	6.6	345
2	Cortical responses to contextual influences in amodal completion. <i>NeuroImage</i> , <b>2006</b> , 32, 1815-25	7.9	17
1	Individual differences in theta-band oscillations in a spatial memory network revealed by EEG predict rapid place learning		1