

Katarzyna Joanna Blinowska

List of Publications by Citations

Source: <https://exaly.com/author-pdf/683811/katarzyna-joanna-blinowska-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

26

papers

2,777

citations

21

h-index

26

g-index

26

ext. papers

3,211

ext. citations

3.3

avg, IF

5.05

L-index

#	Paper	IF	Citations
26	A new method of the description of the information flow in the brain structures. <i>Biological Cybernetics</i> , 1991 , 65, 203-10	2.8	748
25	Determination of EEG activity propagation: pair-wise versus multichannel estimate. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1501-10	5	262
24	Determination of information flow direction among brain structures by a modified directed transfer function (dDTF) method. <i>Journal of Neuroscience Methods</i> , 2003 , 125, 195-207	3	256
23	Review of the methods of determination of directed connectivity from multichannel data. <i>Medical and Biological Engineering and Computing</i> , 2011 , 49, 521-9	3.1	198
22	Topographic analysis of coherence and propagation of EEG activity during sleep and wakefulness. <i>Electroencephalography and Clinical Neurophysiology</i> , 1997 , 102, 216-27		141
21	High resolution study of sleep spindles. <i>Clinical Neurophysiology</i> , 1999 , 110, 2136-47	4.3	126
20	Single evoked potential reconstruction by means of wavelet transform. <i>Biological Cybernetics</i> , 1992 , 67, 175-81	2.8	105
19	The application of parametric multichannel spectral estimates in the study of electrical brain activity. <i>Biological Cybernetics</i> , 1985 , 51, 239-47	2.8	95
18	Resting state cortical EEG rhythms in Alzheimer's disease: toward EEG markers for clinical applications: a review. <i>Supplements To Clinical Neurophysiology</i> , 2013 , 62, 223-36		93
17	Stochastic time-frequency dictionaries for matching pursuit. <i>IEEE Transactions on Signal Processing</i> , 2001 , 49, 507-510	4.8	92
16	Multichannel matching pursuit and EEG inverse solutions. <i>Journal of Neuroscience Methods</i> , 2005 , 148, 49-59	3	83
15	On the statistical significance of event-related EEG desynchronization and synchronization in the time-frequency plane. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1167-75	5	75
14	Analysis of EEG transients by means of matching pursuit. <i>Annals of Biomedical Engineering</i> , 1995 , 23, 608-11	4.7	71
13	Phase and amplitude analysis in time-frequency space--application to voluntary finger movement. <i>Journal of Neuroscience Methods</i> , 2001 , 110, 113-24	3	63
12	Information flow between hippocampus and related structures during various types of rat's behavior. <i>Journal of Neuroscience Methods</i> , 1997 , 73, 49-60	3	62
11	Directed Transfer Function is not influenced by volume conduction--inexpedient pre-processing should be avoided. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 61	3.5	61
10	Non-linear and linear forecasting of the EEG time series. <i>Biological Cybernetics</i> , 1991 , 66, 159-65	2.8	61

9	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. <i>Neurobiology of Aging</i> , 2020 , 85, 58-73	5.6	59
8	Transmission of brain activity during cognitive task. <i>Brain Topography</i> , 2010 , 23, 205-13	4.3	45
7	Information transfer during a transitive reasoning task. <i>Brain Topography</i> , 2011 , 24, 1-8	4.3	32
6	Electroencephalography (EEG) 2006 ,		22
5	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1528-1553	1.2	12
4	Multimodal imaging of human brain activity: rational, biophysical aspects and modes of integration. <i>Computational Intelligence and Neuroscience</i> , 2009 , 813607	3	9
3	Matching Pursuit with Asymmetric Functions for Signal Decomposition and Parameterization. <i>PLoS ONE</i> , 2015 , 10, e0131007	3.7	5
2	Directed Transfer Function. <i>Frontiers in Neuroengineering Series</i> , 2014 , 13-34		1
1	Causal Coupling of Low Frequency Oscillations During Movement Imagination: A Multimodal Study. <i>Lecture Notes in Computer Science</i> , 2021 , 107-111	0.9	0