

# Elzbieta Olejarczyk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5660354/publications.pdf>

Version: 2024-02-01

23  
papers

643  
citations

759055

12  
h-index

752573

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graph-based analysis of brain connectivity in schizophrenia. PLoS ONE, 2017, 12, e0188629.	1.1	144
2	Fractal Dimension of EEG Activity Senses Neuronal Impairment in Acute Stroke. PLoS ONE, 2014, 9, e100199.	1.1	127
3	Age-Related Changes in Electroencephalographic Signal Complexity. PLoS ONE, 2015, 10, e0141995.	1.1	74
4	Comparison of connectivity analyses for resting state EEG data. Journal of Neural Engineering, 2017, 14, 036017.	1.8	66
5	Neuronal electrical ongoing activity as a signature of cortical areas. Brain Structure and Function, 2017, 222, 2115-2126.	1.2	35
6	EEG Phase Synchronization in Persons With Depression Subjected to Transcranial Magnetic Stimulation. Frontiers in Neuroscience, 2018, 12, 1037.	1.4	27
7	Complexity Analysis of EEG Data in Persons With Depression Subjected to Transcranial Magnetic Stimulation. Frontiers in Physiology, 2018, 9, 1385.	1.3	25
8	The EEG Split Alpha Peak: Phenomenological Origins and Methodological Aspects of Detection and Evaluation. Frontiers in Neuroscience, 2017, 11, 506.	1.4	24
9	“Epileptic seizures” in economic organism. Physica A: Statistical Mechanics and Its Applications, 2004, 342, 701-707.	1.2	22
10	The Impact of Repetitive Transcranial Magnetic Stimulation on Functional Connectivity in Major Depressive Disorder and Bipolar Disorder Evaluated by Directed Transfer Function and Indices Based on Graph Theory. International Journal of Neural Systems, 2020, 30, 2050015.	3.2	21
11	Automatic detection and analysis of the EEG sharp wave “slow wave patterns evoked by fluorinated inhalation anesthetics. Clinical Neurophysiology, 2012, 123, 1512-1522.	0.7	14
12	Complexity of EEG-signal in Time Domain - Possible Biomedical Application. AIP Conference Proceedings, 2002, , .	0.3	13
13	Neuroelectrical Correlates of Trustworthiness and Dominance Judgments Related to the Observation of Political Candidates. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-19.	0.7	12
14	Application of fractal dimension method of functional MRI time-series to limbic dysregulation in anxiety study. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3408-10.	0.5	10
15	Region-specific complexity of the intracranial EEG in the sleeping human brain. Scientific Reports, 2022, 12, 451.	1.6	9
16	Statistical Analysis of Graph-Theoretic Indices to Study EEG-TMS Connectivity in Patients With Depression. Frontiers in Neuroinformatics, 2021, 15, 651082.	1.3	6
17	Effect of repetitive transcranial magnetic stimulation on fronto-posterior and hemispheric asymmetry in depression. Biomedical Signal Processing and Control, 2021, 68, 102585.	3.5	5
18	Classification of EEG bursts in deep sevoflurane, desflurane and isoflurane anesthesia using AR-modeling and entropy measures. , 2013, 2013, 5083-6.		2

#	ARTICLE	IF	CITATIONS
19	Susceptibility of switching between in-phase and anti-phase patterns in the network of relaxation oscillators. <i>Biocybernetics and Biomedical Engineering</i> , 2014, 34, 250-257.	3.3	2
20	Synchronization of brain activity during induction of propofol anesthesia: Comparison of methods. , 2016, 2016, 5505-5508.		2
21	Estimation of the propagation direction and spectral properties of the EEG signals registered during sevoflurane anaesthesia using Directed Transfer Function method. <i>Polish Journal of Medical Physics and Engineering</i> , 2011, 17, 95-104.	0.2	2
22	Commentary: Is So-Called "Split Alpha" in EEG Spectral Analysis a Result of Methodological and Interpretation Errors?. <i>Frontiers in Neuroscience</i> , 2021, 15, 726912.	1.4	1
23	Correlation of Depth of Anesthesia Indexes with MAC in Volatile Anesthesia. <i>IFMBE Proceedings</i> , 2018, , 972-975.	0.2	0