

# 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	Region-specific complexity of the intracranial EEG in the sleeping human brain. <i>Scientific Reports</i> , 2022, 12, 451.	1.6	9
2	Statistical Analysis of Graph-Theoretic Indices to Study EEG-TMS Connectivity in Patients With Depression. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 651082.	1.3	6
3	Effect of repetitive transcranial magnetic stimulation on fronto-posterior and hemispheric asymmetry in depression. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102585.	3.5	5
4	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
5	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. <i>International Journal of Neural Systems</i> , 2020, 30, 2050015.	3.2	21
6	Complexity Analysis of EEG Data in Persons With Depression Subjected to Transcranial Magnetic Stimulation. <i>Frontiers in Physiology</i> , 2018, 9, 1385.	1.3	25
7	EEG Phase Synchronization in Persons With Depression Subjected to Transcranial Magnetic Stimulation. <i>Frontiers in Neuroscience</i> , 2018, 12, 1037.	1.4	27
8	Correlation of Depth of Anesthesia Indexes with MAC in Volatile Anesthesia. <i>IFMBE Proceedings</i> , 2018, , 972-975.	0.2	0
9	Comparison of connectivity analyses for resting state EEG data. <i>Journal of Neural Engineering</i> , 2017, 14, 036017.	1.8	66
10	Neuronal electrical ongoing activity as a signature of cortical areas. <i>Brain Structure and Function</i> , 2017, 222, 2115-2126.	1.2	35
11	The EEG Split Alpha Peak: Phenomenological Origins and Methodological Aspects of Detection and Evaluation. <i>Frontiers in Neuroscience</i> , 2017, 11, 506.	1.4	24
12	Graph-based analysis of brain connectivity in schizophrenia. <i>PLoS ONE</i> , 2017, 12, e0188629.	1.1	144
13	Synchronization of brain activity during induction of propofol anesthesia: Comparison of methods. , 2016, 2016, 5505-5508.		2
14	Age-Related Changes in Electroencephalographic Signal Complexity. <i>PLoS ONE</i> , 2015, 10, e0141995.	1.1	74
15	Fractal Dimension of EEG Activity Senses Neuronal Impairment in Acute Stroke. <i>PLoS ONE</i> , 2014, 9, e100199.	1.1	127
16	Neuroelectrical Correlates of Trustworthiness and Dominance Judgments Related to the Observation of Political Candidates. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-19.	0.7	12
17	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
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	Automatic detection and analysis of the EEG sharp wave“slow wave patterns evoked by fluorinated inhalation anesthetics. <i>Clinical Neurophysiology</i> , 2012, 123, 1512-1522.	0.7	14
20	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
21	Application of fractal dimension method of functional MRI time-series to limbic dysregulation in anxiety study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 3408-10.	0.5	10
22	“Epileptic seizures”™ in economic organism. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 342, 701-707.	1.2	22
23	Complexity of EEG-signal in Time Domain - Possible Biomedical Application. <i>AIP Conference Proceedings</i> , 2002, , .	0.3	13