

# Katerina D Tzimourta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2222470/publications.pdf>

Version: 2024-02-01

15  
papers

367  
citations

933447

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1281871

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g-index

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15  
docs citations

15  
times ranked

397  
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust methodology for classification of epileptic seizures in EEG signals. Health and Technology, 2019, 9, 135-142.	3.6	66
2	Machine Learning Algorithms and Statistical Approaches for Alzheimer's Disease Analysis Based on Resting-State EEG Recordings: A Systematic Review. International Journal of Neural Systems, 2021, 31, 2130002.	5.2	47
3	Alzheimer's Disease and Frontotemporal Dementia: A Robust Classification Method of EEG Signals and a Comparison of Validation Methods. Diagnostics, 2021, 11, 1437.	2.6	42
4	EEG Window Length Evaluation for the Detection of Alzheimer's Disease over Different Brain Regions. Brain Sciences, 2019, 9, 81.	2.3	35
5	Analysis of electroencephalographic signals complexity regarding Alzheimer's Disease. Computers and Electrical Engineering, 2019, 76, 198-212.	4.8	35
6	EEG-Based Eye Movement Recognition Using Brain-Computer Interface and Random Forests. Sensors, 2021, 21, 2339.	3.8	34
7	Epileptic Seizures Classification Based on Long-Term EEG Signal Wavelet Analysis. IFMBE Proceedings, 2018, , 165-169.	0.3	31
8	Classification of EEG signals from young adults with dyslexia combining a Brain Computer Interface device and an Interactive Linguistic Software Tool. Biomedical Signal Processing and Control, 2022, 76, 103646.	5.7	18
9	Wavelet Based Classification of Epileptic Seizures in EEG Signals. , 2017, , .		16
10	EEG-Based Automatic Sleep Stage Classification. Biomedical Journal of Scientific & Technical Research, 2018, 7, .	0.1	12
11	Evaluation of window size in classification of epileptic short-term EEG signals using a Brain Computer Interface software. Engineering, Technology & Applied Science Research, 2018, 8, 3093-3097.	1.9	11
12	Direct Assessment of Alcohol Consumption in Mental State Using Brain Computer Interfaces and Grammatical Evolution. Inventions, 2018, 3, 51.	2.5	10
13	EEG Classification and Short-Term Epilepsy Prognosis Using Brain Computer Interface Software. , 2017, , .		7
14	Active touch classification using EEG signals. , 2021, , .		2
15	THE CONTRIBUTION OF EEG RECORDINGS TO THE AUDIOVISUAL RECOGNITION OF WORDS IN UNIVERSITY STUDENTS WITH DYSLEXIA. , 2021, , .		1