Marcin KoÅ‚odziej

List of Publications by Year
in descending order

46 papers	**436** citations	1040056 **9** h-index	794594 **19** g-index
47 all docs	**47** docs citations	**47** times ranked	**436** citing authors

#	Article	IF	Citations
1	Emotion recognition using facial expressions. Procedia Computer Science, 2017, 108, 1175-1184.	2.0	159
2	Eye-Tracking Analysis for Emotion Recognition. Computational Intelligence and Neuroscience, 2020, 2020, 1-13.	1.7	34
3	Brain-computer interface as measurement and control system the review paper. Metrology and Measurement Systems, 2012, 19, .	1.4	28
4	The Impact of Different Visual Feedbacks in User Training on Motor Imagery Control in BCI. Applied Psychophysiology Biofeedback, 2018, 43, 23-35.	1.7	26
5	A New Method of EEG Classification for BCI with Feature Extraction Based on Higher Order Statistics of Wavelet Components and Selection with Genetic Algorithms. Lecture Notes in Computer Science, 2011, , 280-289.	1.3	19
6	Deep neural system for supporting tumor recognition of mammograms using modified GAN. Expert Systems With Applications, 2021, 164, 113968.	7.6	19
7	Fatigue Detection Caused by Office Work With the Use of EOG Signal. IEEE Sensors Journal, 2020, 20, 15213-15223.	4.7	17
8	Joint Time-Frequency And Wavelet Analysis - An Introduction. Metrology and Measurement Systems, 2014, 21, 741-758.	1.4	14
9	Implementation of a Convolutional Neural Network for Eye Blink Artifacts Removal From the Electroencephalography Signal. Frontiers in Neuroscience, 2022, 16, 782367.	2.8	11
10	Analysis of Facial Features for the Use of Emotion Recognition. , 2018, , .		10
11	A new method of spatial filters design for brain-computer interface based on steady state visually evoked potentials. , 2015, , .		9
12	Selection of EEG signal features for ERD/ERS classification using genetic algorithms. , 2017, , .		9
13	Detection of Spikes With Defined Parameters in the ECoG Signal. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1045-1052.	4.7	9
14	Implementation of selected EEG signal processing algorithms in asynchronous BCI. , 2012, , .		8
15	Identification of Gender Based on Speech Signal. , 2019, , .		7
16	Classification of emotions from speech signal. , 2016, , .		6
17	Temperament Predictors of Motor Imagery Control in BCI. Journal of Psychophysiology, 2020, 34, 246-254.	0.7	6
18	Pretreatment with a glutamine synthetase inhibitor MSO delays the onset of initial seizures induced by pilocarpine in juvenile rats. Brain Research, 2021, 1753, 147253.	2.2	5

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19	Comparison of EEG signal preprocessing methods for SSVEP recognition. , 2016, , .		4
20	An attempt to localize brain electrical activity sources using EEG with limited number of electrodes. Biocybernetics and Biomedical Engineering, 2016, 36, 686-696.	5.9	4
21	Identifying experts in the field of visual arts using oculomotor signals. Journal of Eye Movement Research, 2018, 11, .	0.8	4
22	System for automatic heart rate calculation in epileptic seizures. Australasian Physical and Engineering Sciences in Medicine, 2017, 40, 555-564.	1.3	3
23	Methods of Power-Band Extraction Techniques for BCI Classification. , 2018, , .		3
24	Implementation of automatic feature selection methods for BCI realization. , 2012, , .		2
25	Recognition of visually induced emotions based on electroencephalography. , 2015, , .		2
26	Simplified Matching Pursuit as a new method for SSVEP recognition. , 2016, , .		2
27	Registration and Analysis of Acceleration Data to Recognize Physical Activity. Journal of Healthcare Engineering, 2019, 2019, 1-6.	1.9	2
28	A system for synchronous acquisition of selected physiological signals aimed at emotion recognition. Przeglad Elektrotechniczny, 2016, 1, 329-333.	0.2	2
29	Which EEG Electrodes Should Be Considered for Alertness Assessment?. , 2019, , .		2
30	Automatic Traffic Monitoring Using Images from Road Camera. , 2020, , .		2
31	Fall Detection Using a Smartphone. , 2020, , .		2
32	Automatic detection of SSVEP using independent component analysis. , 2016, , .		1
33	Detecting symptoms of driver fatigue using video analysis. , 2018, , .		1
34	Implementation of ECoG Signal Energy, Entropy and Fractal Dimension for Spike Detection. , 2018, , .		1
35	Processing and Analysis of EEG Signal for SSVEP Detection. Advances in Intelligent Systems and Computing, 2018, , 3-21.	0.6	1
36	Epileptic Seizure Detection Based on ECoG Signal. Lecture Notes in Computer Science, 2019, , 193-202.	1.3	1

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37	Automatic identification of experts in visual arts: The use of transitions between regions of interest in the image. , 2017, , .		0
38	Anthropometric facial features in emotion recognition. , 2018, , .		0
39	Implementation of Lagged Phase Space for Spike Detection. , 2018, , .		0
40	Rejestracja i analiza sygnału EEG na użytek neuromarketingu. Przeglad Elektrotechniczny, 2015, 1, 11-14.	0.2	0
41	An Innovative Approach to Classification of Emotions in EEG Signal for the Use in Neuromarketing Research. , 2016, , .		0
42	Metody przetwarzania sygnału EOG na użytek pomiaru stopnia zmęczenia osób. Przeglad Elektrotechniczny, 2017, 1, 217-222.	0.2	0
43	Method of Acute Alertness Level Evaluation after Exposure to Blue and Red Light (based on EEG): Technical Aspects. , 2018, , .		0
44	Blink and Wink Detection in a Real Working Environment. , 2019, , .		0
45	Analysis of artefacts in EEG signal registered during anti-G straining maneuvers. Przeglad Elektrotechniczny, 2020, 1, 126-130.	0.2	0
46	Analysis of the sound for recognition of keyboard operations. , 2021, , .		0