

Mehmet SiraŒ Å-zerdem

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

579
citations

932766
10
h-index

794141
19
g-index

26
all docs

26
docs citations

26
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	The convolutional neural network approach from electroencephalogram signals in emotional detection. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6356.	1.4	3
2	Complexity of EEG Dynamics for Early Diagnosis of Alzheimer's Disease Using Permutation Entropy Neuromarker. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 206, 106116.	2.6	37
3	Classification of Epilepsy Types from Electroencephalogram Time Series Using Continuous Wavelet Transform Scalogram-Based Convolutional Neural Network. <i>Journal of Testing and Evaluation</i> , 2021, 49, 2491-2506.	0.4	1
4	Evaluation of potential auras in generalized epilepsy from EEG signals using deep convolutional neural networks and time-frequency representation. <i>Biomedizinische Technik</i> , 2020, 65, 379-391.	0.9	8
5	On a yearly basis prediction of soil water content utilizing sar data: a machine learning and feature selection approach. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2020, 28, 2316-2330.	0.9	7
6	Machine Learning based Regression Model for Prediction of Soil Surface Humidity over Moderately Vegetated Fields. , 2019, , .		10
7	Epilepsy Detection by Using Scalogram Based Convolutional Neural Network from EEG Signals. <i>Brain Sciences</i> , 2019, 9, 115.	1.1	124
8	Analysis of Permanent Magnet Synchronous Motor Current in Healthy and Short Circuit Failure Cases With Discrete Wavelet Transform. , 2019, , .		0
9	Autoencoders Based Deep Learning Approach for Focal-Nonfocal EEG Classification Problem. , 2019, , .		1
10	Comparison of NDVI and RVI Vegetation Indices Using Satellite Images. , 2019, , .		15
11	Introduction to Wavelets and their applications in signal denoising. <i>Bitlis Eren University Journal of Science and Technology</i> , 2018, 8, 1-10.	0.5	10
12	RECOGNITION OF IRREGULARLY SHAPED WORDS BY USING FRACTAL DIMENSION. <i>European Journal of Technic</i> , 2018, 8, 186-195.	0.2	0
13	Effects of local vibration and pulsed electromagnetic field on bone fracture: A comparative study. <i>Bioelectromagnetics</i> , 2017, 38, 339-348.	0.9	14
14	Emotion recognition based on EEG features in movie clips with channel selection. <i>Brain Informatics</i> , 2017, 4, 241-252.	1.8	96
15	Mental activity detection from EEG records using local binary pattern method. , 2017, , .		2
16	Soil Moisture Estimation over Vegetated Agricultural Areas: Tigris Basin, Turkey from Radarsat-2 Data by Polarimetric Decomposition Models and a Generalized Regression Neural Network. <i>Remote Sensing</i> , 2017, 9, 395.	1.8	20
17	Prediction of behavior of fresh concrete exposed to vibration using artificial neural networks and regression model. <i>Structural Engineering and Mechanics</i> , 2016, 60, 655-665.	1.0	3
18	Determination of ECoG information flow activity based on Granger causality and Hilbert transformation. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 112, 481-489.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Artificial neural network approach to predict the mechanical properties of Cuâ€“Snâ€“Pbâ€“Znâ€“Ni cast alloys. <i>Materials & Design</i> , 2009, 30, 764-769.	5.1	95
20	Classification of imaginary movements in ECoG with a hybrid approach based on multi-dimensional Hilbert-SVM solution. <i>Journal of Neuroscience Methods</i> , 2009, 178, 214-218.	1.3	22
21	Treatment of osteoporosis by long-term magnetic field with extremely low frequency in rats. <i>Gynecological Endocrinology</i> , 2009, 25, 524-529.	0.7	10
22	Application of ANN in the prediction of the pore concentration of aluminum metal foams manufactured by powder metallurgy methods. <i>International Journal of Advanced Manufacturing Technology</i> , 2008, 39, 251-256.	1.5	13
23	Artificial Neural Network approach to predict mechanical properties of hot rolled, nonresulfurized, AISI 10xx series carbon steel bars. <i>Journal of Materials Processing Technology</i> , 2008, 199, 437-439.	3.1	44
24	Artificial neural network approach to predict the electrical conductivity and density of Agâ€“Ni binary alloys. <i>Journal of Materials Processing Technology</i> , 2008, 208, 470-476.	3.1	8
25	Suppression of impulse noise in MR images using artificial intelligent based neuro-fuzzy adaptive median filter. , 2008, 18, 391-405.		22
26	Self-organized maps based neural networks for detection of possible earthquake precursory electric field patterns. <i>Advances in Engineering Software</i> , 2006, 37, 207-217.	1.8	11