Mehmet Emin Tagluk

List of Publications by Year
in descending order

52 papers	692 citations	687220 13 h-index	580701 25 g-index
52 all docs	52 docs citations	52 times ranked	732 citing authors

#	Article	IF	Citations
1	Estimation of Sleep Stages by an Artificial Neural Network Employing EEG, EMG and EOG. Journal of Medical Systems, 2010, 34, 717-725.	2.2	99
2	ClassÄ±fÄ±cation of sleep apnea by using wavelet transform and artificial neural networks. Expert Systems With Applications, 2010, 37, 1600-1607.	4.4	71
3	Transmission line fault location using traveling wave frequencies and extreme learning machine. Electric Power Systems Research, 2018, 155, 1-7.	2.1	68
4	A novel version of k nearest neighbor: Dependent nearest neighbor. Applied Soft Computing Journal, 2017, 55, 480-490.	4.1	59
5	Combating endometriosis by blocking proteasome and nuclear factor-ÂB pathways. Human Reproduction, 2008, 23, 2458-2465.	0.4	57
6	A new approach for estimation of obstructive sleep apnea syndrome. Expert Systems With Applications, 2011, 38, 5346-5351.	4.4	34
7	Bearing and misalignment fault detection in induction motors by using the space vector angular fluctuation signal. Electrical Engineering, 2005, 87, 197-206.	1.2	31
8	Energy based feature extraction for classification of sleep apnea syndrome. Computers in Biology and Medicine, 2009, 39, 1043-1050.	3.9	29
9	A novel machine learning method based on generalized behavioral learning theory. Neural Computing and Applications, 2017, 28, 3921-3939.	3.2	24
10	A fast feature selection approach based on extreme learning machine and coefficient of variation. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 3409-3420.	0.9	20
11	Classification of Sleep Apnea through Sub-band Energy of Abdominal Effort Signal Using Wavelets + Neural Networks. Journal of Medical Systems, 2010, 34, 1111-1119.	2.2	15
12	Beneficial effects of dexpanthenol on mesenteric ischemia and reperfusion injury in experimental rat model. Free Radical Research, 2016, 50, 354-365.	1.5	15
13	Communication in nano devices: Electronic based biophysical model of a neuron. Nano Communication Networks, 2019, 19, 134-147.	1.6	15
14	Design of PI and PID Controllers for Fractional Order Time Delay Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 355-360.	0.4	13
15	Virtual hysterosalpingography and hysteroscopy: assessment of uterine cavity and fallopian tubes using 64-detector computed tomography data sets. Fertility and Sterility, 2010, 93, 2383-2384.	0.5	12
16	Effects of electromagnetic radiation from 3G mobile phone on heart rate, blood pressure and ECG parameters in rats. Toxicology and Industrial Health, 2012, 28, 629-638.	0.6	12
17	Design and development of travellingâ€waveâ€frequencyâ€based transmission line fault locator using TMS320 DSP. IET Science, Measurement and Technology, 2019, 13, 518-522.	0.9	12
18	Spectrotemporal changes in electrical activity of myometrium due to recombinant follicle-stimulating hormone preparations follitropin alfa and beta. Fertility and Sterility, 2008, 90, 1348-1356.	0.5	11

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19	The influence of ion concentrations on the dynamic behavior of the Hodgkin–Huxley model-based cortical network. Cognitive Neurodynamics, 2014, 8, 287-298.	2.3	10
20	Effects of highly purified urinary FSH and human menopausal FSH on uterine myoelectrical dynamics. Molecular Human Reproduction, 2010, 16, 200-206.	1.3	9
21	EMG signal classification by extreme learning machine. , 2013, , .		9
22	Forecasting financial indicators by generalized behavioral learning method. Soft Computing, 2018, 22, 8259-8272.	2.1	9
23	Use of porcine small intestinal submucosa to reconstruct an ovarian defect. International Journal of Gynecology and Obstetrics, 2009, 106, 218-222.	1.0	8
24	Fault location on series compensated power transmission lines using transient spectrum. , 2015, , .		5
25	Effect of receiver shape and volume on the Alzheimer disease for molecular communication via diffusion. IET Nanobiotechnology, 2020, 14, 602-608.	1.9	5
26	Analysis of the time-varying energy of brain responses to an oddball paradigm using short-term smoothed Wigner–Ville distribution. Journal of Neuroscience Methods, 2005, 143, 197-208.	1.3	4
27	Assessment of myoelectrical signal parameters in estrogen, progesterone, and human chorionic gonadotropin administered in nonpregnant rat myometrium after ovariectomy. Fertility and Sterility, 2008, 89, 188-198.	0.5	4
28	A joint generalized exemplar method for classification of massive datasets. Applied Soft Computing Journal, 2015, 36, 487-498.	4.1	4
29	Fault location determination for transmission lines with different series-compensation levels using transient frequencies. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 3764-3775.	0.9	4
30	Fault detection at power transmission lines by extreme learning machine. , 2013, , .		3
31	Detecting fault type and fault location in power transmission lines by extreme learning machines. , 2015, , .		3
32	Fault analysis of power transmission line by Wigner Ville distribution, gray-level co-occurrence matrix and pattern recognation. , 2012, , .		2
33	Comparison of HDL coder and system generator tools in terms of QPSK analysis. , 2017, , .		2
34	A preliminary investigation of receiver models in molecular communication via diffusion. , 2017, , .		2
35	Determining relevant features in estimating short-term power load of a small house via feature selection by extreme learning machine. , 2017, , .		2
36	Time-frequency analysis of ECG signals using an image processing technique. Journal of Medical Engineering and Technology, 1999, 23, 190-195.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Using bispectral analysis in OSAS estimation. , 2010, , .		1
38	Diagnostic estimation of OSAS using binary mixture logistic regression. , 2012, , .		1
39	Learning with classical conditioning. , 2014, , .		1
40	Effects of Small-World Rewiring Probability and Noisy Synaptic Conductivity on Slow Waves: Cortical Network. Neural Computation, 2017, 29, 679-715.	1.3	1
41	Forecasting Local Mean Sea Level by Generalized Behavioral Learning Method. Arabian Journal for Science and Engineering, 2017, 42, 3289-3298.	1.7	1
42	Classification of hand opening/closing and fingers by using two channel surface EMG signal. , 2017, , .		1
43	Dual effects of melatonin on uterine myoelectrical activity of non-pregnant rats. Journal of the Turkish German Gynecology Association, 2014, 15, 86-91.	0.2	1
44	Characterization of the influence of Amyloid Î² (1-42) By Way of Modeling Synaptic Cleft with an RC Electronic Circuit. DÃœMF MÃ¼hendislik Dergisi, 0, , .	0.2	1
45	Analysis of the electronic integrate and fire neuron model. Neurocomputing, 2022, 488, 261-270.	3.5	1
46	Time-frequency analysis of snoring sounds in patients with simple snoring and OSAS. , 2009, , .		0
47	Effect of external stimulus and ionic concentrations on Hodgkin-Huxley neural model. , 2012, , .		0
48	Separation of EEG signals by using Independent Component Analysis. , 2012, , .		0
49	Complexity and irregularity analysis of the output data of a cortical network. , 2013, , .		0
50	Influence of rewiring on spike activity and phase coherence in a Small-World cortical network. , 2016, , .		0
51	Estimation of short-term power load of a small house by generalized behavioural learning method. , 2017, , .		0
52	Kortikal spindle salinim aktivitesinin oluÅŸumunda ve senkronizasyonunda talamik projeksiyonlarin rolÃ¼nÃ¼n model temelli Ä°ncelenmesi. , 2017, , .		0