

Mehmet Emin Tagluk

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

692
citations

687220

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h-index

580701

25
g-index

52
all docs

52
docs citations

52
times ranked

732
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Analysis of the electronic integrate and fire neuron model. Neurocomputing, 2022, 488, 261-270. | 3.5 | 1 |
| 2 | Effect of receiver shape and volume on the Alzheimer disease for molecular communication via diffusion. IET Nanobiotechnology, 2020, 14, 602-608. | 1.9 | 5 |
| 3 | Communication in nano devices: Electronic based biophysical model of a neuron. Nano Communication Networks, 2019, 19, 134-147. | 1.6 | 15 |
| 4 | Design and development of travelling wave frequency based transmission line fault locator using TMS320 DSP. IET Science, Measurement and Technology, 2019, 13, 518-522. | 0.9 | 12 |
| 5 | Transmission line fault location using traveling wave frequencies and extreme learning machine. Electric Power Systems Research, 2018, 155, 1-7. | 2.1 | 68 |
| 6 | Forecasting financial indicators by generalized behavioral learning method. Soft Computing, 2018, 22, 8259-8272. | 2.1 | 9 |
| 7 | A novel machine learning method based on generalized behavioral learning theory. Neural Computing and Applications, 2017, 28, 3921-3939. | 3.2 | 24 |
| 8 | Effects of Small-World Rewiring Probability and Noisy Synaptic Conductivity on Slow Waves: Cortical Network. Neural Computation, 2017, 29, 679-715. | 1.3 | 1 |
| 9 | A novel version of k nearest neighbor: Dependent nearest neighbor. Applied Soft Computing Journal, 2017, 55, 480-490. | 4.1 | 59 |
| 10 | Estimation of short-term power load of a small house by generalized behavioural learning method. , 2017, , . | | 0 |
| 11 | Forecasting Local Mean Sea Level by Generalized Behavioral Learning Method. Arabian Journal for Science and Engineering, 2017, 42, 3289-3298. | 1.7 | 1 |
| 12 | Classification of hand opening/closing and fingers by using two channel surface EMG signal. , 2017, , . | | 1 |
| 13 | Kortikal spindle salinim aktivitesinin oluÅumunda ve senkronizasyonunda talamik projeksiyonlarin rolÅnÅn model temelli Åncelenmesi. , 2017, , . | | 0 |
| 14 | Comparison of HDL coder and system generator tools in terms of QPSK analysis. , 2017, , . | | 2 |
| 15 | A preliminary investigation of receiver models in molecular communication via diffusion. , 2017, , . | | 2 |
| 16 | Determining relevant features in estimating short-term power load of a small house via feature selection by extreme learning machine. , 2017, , . | | 2 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Influence of rewiring on spike activity and phase coherence in a Small-World cortical network. , 2016, , . | | 0 |
| 20 | Beneficial effects of dexpanthenol on mesenteric ischemia and reperfusion injury in experimental rat model. Free Radical Research, 2016, 50, 354-365. | 1.5 | 15 |
| 21 | Detecting fault type and fault location in power transmission lines by extreme learning machines. , 2015, , . | | 3 |
| 22 | Fault location on series compensated power transmission lines using transient spectrum. , 2015, , . | | 5 |
| 23 | A joint generalized exemplar method for classification of massive datasets. Applied Soft Computing Journal, 2015, 36, 487-498. | 4.1 | 4 |
| 24 | Learning with classical conditioning. , 2014, , . | | 1 |
| 25 | 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 |
| 26 | 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 |
| 27 | Fault detection at power transmission lines by extreme learning machine. , 2013, , . | | 3 |
| 28 | Complexity and irregularity analysis of the output data of a cortical network. , 2013, , . | | 0 |
| 29 | EMG signal classification by extreme learning machine. , 2013, , . | | 9 |
| 30 | Fault analysis of power transmission line by Wigner Ville distribution, gray-level co-occurrence matrix and pattern recognition. , 2012, , . | | 2 |
| 31 | Effect of external stimulus and ionic concentrations on Hodgkin-Huxley neural model. , 2012, , . | | 0 |
| 32 | Diagnostic estimation of OSAS using binary mixture logistic regression. , 2012, , . | | 1 |
| 33 | Separation of EEG signals by using Independent Component Analysis. , 2012, , . | | 0 |
| 34 | 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 |
| 35 | A new approach for estimation of obstructive sleep apnea syndrome. Expert Systems With Applications, 2011, 38, 5346-5351. | 4.4 | 34 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | Classification of sleep apnea by using wavelet transform and artificial neural networks. Expert Systems With Applications, 2010, 37, 1600-1607. | 4.4 | 71 |
| 40 | Effects of highly purified urinary FSH and human menopausal FSH on uterine myoelectrical dynamics. Molecular Human Reproduction, 2010, 16, 200-206. | 1.3 | 9 |
| 41 | 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 |
| 42 | Using bispectral analysis in OSAS estimation. , 2010, , . | | 1 |
| 43 | Energy based feature extraction for classification of sleep apnea syndrome. Computers in Biology and Medicine, 2009, 39, 1043-1050. | 3.9 | 29 |
| 44 | Use of porcine small intestinal submucosa to reconstruct an ovarian defect. International Journal of Gynecology and Obstetrics, 2009, 106, 218-222. | 1.0 | 8 |
| 45 | Time-frequency analysis of snoring sounds in patients with simple snoring and OSAS. , 2009, , . | | 0 |
| 46 | 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 |
| 47 | 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 |
| 48 | Combating endometriosis by blocking proteasome and nuclear factor- κ B pathways. Human Reproduction, 2008, 23, 2458-2465. | 0.4 | 57 |
| 49 | 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 |
| 50 | 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 |
| 51 | Time-frequency analysis of ECG signals using an image processing technique. Journal of Medical Engineering and Technology, 1999, 23, 190-195. | 0.8 | 1 |
| 52 | Characterization of the influence of Amyloid β (1-42) By Way of Modeling Synaptic Cleft with an RC Electronic Circuit. D \ddot{u} nya Bilim Dergisi, 0, , . | 0.2 | 1 |