

# YalÅ§in IÅler

## List of Publications by Year in descending order

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67  
papers

733  
citations

840119

11  
h-index

580395

25  
g-index

67  
all docs

67  
docs citations

67  
times ranked

573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical Comparison of a Closed-Loop Double Endobutton to a Lag Screw in Fixation of Posterior Malleolar Fractures. <i>Journal of Foot and Ankle Surgery</i> , 2022, 61, 975-978.	0.5	3
2	Investigating the Effect of Flickering Frequency Pair and Mother Wavelet Selection in Steady-State Visually-Evoked Potentials on Two-Command Brain-Computer Interfaces. <i>Irbm</i> , 2022, 43, 594-603.	3.7	11
3	Detailed Investigation of Three-Dimensional Modeling and Printing Technologies from Medical Images to Analyze Femoral Head Fractures Using Finite Element Analysis. <i>Irbm</i> , 2022, 43, 604-613.	3.7	1
4	Motor Imaginary Task Classification using Statistically Significant Time Domain and Frequency Domain EEG features. , 2022, , 49-54.		6
5	Diagnosis of paroxysmal atrial fibrillation from thirty-minute heart rate variability data using convolutional neural networks. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2021, 29, 2886-2900.	0.9	2
6	Detection of new coronavirus disease from chest x-ray images using pre-trained convolutional neural networks. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 2021, 36, 2095-2108.	0.3	4
7	The effect of principal component analysis in the diagnosis of congestive heart failure via heart rate variability analysis. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 1479-1488.	1.0	8
8	Evaluation of mother wavelets on steady-state visually-evoked potentials for triple-command brain-computer interfaces. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2021, 29, 2263-2279.	0.9	17
9	Uyarılm frekansın kestiriminde istatistiksel anlamlıya dayalı olarak seçilen durağan durum gürsel uyarılm potansiyellere ait dalgalık özneliklerinin değerlendirilmesi. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 2021, 36, 593-606.	0.3	5
10	Convolutional neural networks predict the onset of paroxysmal atrial fibrillation: Theory and applications. <i>Chaos</i> , 2021, 31, 113119.	1.0	18
11	Frequency Recognition from Temporal and Frequency Depth of the Brain-Computer Interface based on Steady-State Visual Evoked Potentials. , 2021, , 68-73.		14
12	Design of microcontroller-based decentralized controller board to drive chiller systems using PID and fuzzy logic algorithms. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2020, 234, 98-107.	1.4	7
13	Efficiency evaluation of rapid maxillary expansion treatment on nasal septal deviation using tortuosity ratio from cone-beam computer tomography images. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 188, 105260.	2.6	3
14	Spatiotemporal chaotification of delta robot mixer for homogeneous graphene nanocomposite dispersing. <i>Robotics and Autonomous Systems</i> , 2020, 134, 103633.	3.0	10
15	Comparison of Cortical Auditory Evoked Potential Findings in Presbycusis with Low and High Word Recognition Score. <i>Journal of the American Academy of Audiology</i> , 2020, 31, 442-448.	0.4	4
16	Virtual Reality Applications in Nursing. , 2020, , 122-129.		0
17	Multi-stage classification of congestive heart failure based on short-term heart rate variability. <i>Chaos, Solitons and Fractals</i> , 2019, 118, 145-151.	2.5	56
18	WEKA Yazılım Paketinin Siyil Tedavi Yöntemlerinin Bavyarın Tahmininde Kullanılması. <i>Düzce Üniversitesi Bilim Ve Teknoloji Dergisi</i> , 2019, 7, 699-708.	0.2	3

#	ARTICLE	IF	CITATIONS
19	New-Age Pyroelectric Radiographic X-Ray Generators. Natural and Engineering Sciences, 2019, 4, 125-132.	0.2	0
20	Plant Implementation for Wireless Remote Control. , 2019, , 54-57.		1
21	Implementation of DC Motor Control Experimental Setup Platform for Intelligent System Applications. , 2019, , 119-123.		1
22	Early Prediction of Paroxysmal Atrial Fibrillation using Wavelet Transform Methods. , 2019, , 111-114.		0
23	Design of 3D Digitization Integrated Robotic Arm to Help Clinical Applications. , 2019, , 162-166.		1
24	Eog-Based Device Control Interface for Patients with Quadriplegia. , 2019, , 167-171.		0
25	Comparison of Cortical Auditory Evoked Potential Findings in Presbycusis with Low and High Word Recognition Score. Journal of the American Academy of Audiology, 2019, , 0.	0.4	1
26	Use of Support Vector Machines to Predict the Success of Wart Treatment Methods. , 2018, , .		1
27	Effect of Feature Selection by Genetic Algorithm on Early Prediction Performance of PAF Attack. , 2018, , .		1
28	Choose of wart treatment method using Naive Bayes and k-nearest neighbors classifiers. , 2018, , .		2
29	Computer-assisted diagnosis of vertebral column diseases by adaptive neuro-fuzzy inference system. , 2018, , .		0
30	Design of a new mechanism in medical applications with laser. , 2018, , .		0
31	Early prediction of paroxysmal atrial fibrillation based on short-term heart rate variability. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 56-65.	1.2	41
32	Effect of linear and non-linear measurements of heart rate variability in prediction of PAF attack. , 2017, , .		3
33	Use of clustering algorithms and extreme learning machine in determining arrhythmia types. , 2017, , .		8
34	Heavy metals in Mytilus galloprovincialis, suspended particulate matter and sediment from offshore submerged longline system, Black Sea. International Journal of Environmental Science and Technology, 2017, 14, 385-396.	1.8	11
35	Wristband design to support blind people. , 2017, , .		0
36	Medical devices sector in medical industry 4.0. , 2017, , .		8

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37	System design for entertainment based rehabilitation of the upper extremity. , 2017, , .		0
38	Discrimination of systolic and diastolic dysfunctions using multi-layer perceptron in heart rate variability analysis. Computers in Biology and Medicine, 2016, 76, 113-119.	3.9	26
39	Development of innovative custom design bioprinter. , 2016, , .		0
40	Early prediction of Paroxysmal Atrial Fibrillation using frequency domain measures of heart rate variability. , 2016, , .		10
41	Comparison of the Effects of Cross-validation Methods on Determining Performances of Classifiers Used in Diagnosing Congestive Heart Failure. Measurement Science Review, 2015, 15, 196-201.	0.6	38
42	Investigating the performance improvement of HRV Indices in CHF using feature selection methods based on backward elimination and statistical significance. Computers in Biology and Medicine, 2014, 45, 72-79.	3.9	67
43	Microcontroller-Based Robotics and SCADA Experiments. IEEE Transactions on Education, 2013, 56, 424-429.	2.0	11
44	Determination of the exact value of the regularization parameter in smoothness priors method with respect to the corresponding cut-off frequencies for designing filters. , 2013, , .		1
45	Comparison of classifier performances in diagnosing congestive heart failure using heart rate variability. , 2013, , .		1
46	Effect of principal component analysis on diagnosing congestive heart failure patients using heart rate records. , 2012, , .		2
47	Real-Time Simulation Platform for Controller Design, Test, and Redesign. Computational Analysis, Synthesis, and Design of Dynamic Models Series, 2012, , 461-500.	0.2	1
48	Development and evaluation of transfer functions for a variable speed compressor. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2012, 226, 216-228.	1.4	2
49	Microcontroller-Based Experimental Setup and Experiments for SCADA Education. IEEE Transactions on Education, 2010, 53, 437-444.	2.0	19
50	Comparison of different controllers for variable speed compressor and electronic expansion valve. International Journal of Refrigeration, 2010, 33, 1161-1168.	1.8	80
51	Heart rate normalization in the analysis of heart rate variability in congestive heart failure. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2010, 224, 453-463.	1.0	32
52	A microcontroller based test platform for controller design. , 2010, , .		2
53	Diagnosis of congestive heart failure patients using Poincare measures derived from ECG signals. , 2009, , .		1
54	Microcontroller based Hodgkin-Huxley model neuron simulation. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
55	Investigating the effects of the methods used in frequency domain measures in heart rate variability analysis. , 2008, , .		0
56	Investigating Effects of Wavelet Entropy Detailed Measures in Heart Rate Variability Analysis. , 2007, , .		0
57	Final Prediction Error of Autoregressive Model as a New Feature in the Analysis of Heart Rate Variability. , 2007, , .		2
58	Combining classical HRV indices with wavelet entropy measures improves to performance in diagnosing congestive heart failure. Computers in Biology and Medicine, 2007, 37, 1502-1510.	3.9	171
59	A software for simulating steady-state properties of passive dendrites based on the cable theory. Computer Methods and Programs in Biomedicine, 2007, 88, 264-272.	2.6	2
60	A computer software for simulating single-compartmental model of neurons. Computer Methods and Programs in Biomedicine, 2004, 75, 51-57.	2.6	7
61	Detection of Spikes with Multiple Layer Perceptron Network Structures. , 0, , .		0
62	Classification of Branch Block Beats using Higher Order Spectral Analysis and Neural Networks. , 0, , .		0
63	Investigating the Effects of Wavelet Entropy in Heart Rate Variability Analysis for Diagnosing of Congestive Heart Failure. , 0, , .		0
64	Operation of Compressor and Electronic Expansion Valve via Different Controllers. , 0, , .		1
65	Poincare Äizimi Ä–IÄŞÄ¼mlelerinden Topluluk Ä–ÄYrenmesi YÄ¼ntemleri KullanÄ¼larak Proses Kontrol Sistemlerinde ArÄ¼za Tespit ve TeÄ¼hisi. European Journal of Science and Technology, 0, , .	0.5	1
66	DuraÄ¼yan Durum GÄ¼rsel Uyarın Potansiyellerinden Fourier DÄ¼nÄ¼mÄ¼mÄ¼ ile ÄceÄ¼ş FarklÄ¼ Komutun Kestirimi. DÄ¼zce Äœniversitesi Bilim Ve Teknoloji Dergisi, 0, , .	0.2	5
67	A Practical Compensation Method for Differential Column Shortenings in High-rise Reinforced Concrete Buildings. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	0