

# Umut Orhan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8082539/publications.pdf>

Version: 2024-02-01

22  
papers

673  
citations

1306789

7  
h-index

1281420

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

815  
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG signals classification using the K-means clustering and a multilayer perceptron neural network model. Expert Systems With Applications, 2011, 38, 13475-13481.	4.4	533
2	Real-time CHF detection from ECG signals using a novel discretization method. Computers in Biology and Medicine, 2013, 43, 1556-1562.	3.9	28
3	Epileptic Seizure Detection Using Probability Distribution Based On Equal Frequency Discretization. Journal of Medical Systems, 2012, 36, 2219-2224.	2.2	21
4	Mechanical fault detection in permanent magnet synchronous motors using equal width discretization-based probability distribution and a neural network model. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 813-823.	0.9	18
5	Automatic Short Answer Grading With SemSpace Sense Vectors and MaLSTM. IEEE Access, 2021, 9, 19270-19280.	2.6	15
6	Epilepsy diagnosis using probability density functions of EEG signals. , 2011, , .		14
7	Estimating soil texture with laser-guided Bouyoucos. Automatika, 2020, 61, 1-10.	1.2	9
8	Discretization approach to EEG signal classification using Multilayer Perceptron Neural Network model. , 2010, , .		8
9	Image processing based quality control of the impermeable seams in multilayered aseptic packages. Expert Systems With Applications, 2015, 42, 3785-3789.	4.4	7
10	A novel embedding approach to learn word vectors by weighting semantic relations: SemSpace. Expert Systems With Applications, 2021, 180, 115146.	4.4	7
11	Classifying discrete interval densities of EEG signals by using DWT and SVM. , 2012, , .		2
12	Graph-based lemmatization of Turkish words by using morphological similarity. , 2016, , .		2
13	PageRank based semantic similarity measure on a graph based Turkish WordNet. , 2017, , .		2
14	Learning Word-vector Quantization. ACM Transactions on Asian and Low-Resource Language Information Processing, 2020, 19, 1-18.	1.3	2
15	Imaging processing based quality control of transversal seams in Tetra Brik Aseptic cartons. , 2013, , .		1
16	Time series adapted supervised fuzzy discretization: an application to ECG signals. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 3987-3998.	0.9	1
17	Building a Turkish Semantic Network and Connecting Synonym Senses Bidirectionally. , 2018, , .		1
18	Heart Rate Detection on Single-Arm ECG by Using Dual-Median Approach. Arabian Journal for Science and Engineering, 2020, 45, 6573-6581.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Ultrasound Penetration-Based Digital Soil Texture Analyzer. Arabian Journal for Science and Engineering, 0, , 1.	1.7	1
20	Computer aided determination of proportion of sand in a soil. , 2015, , .		0
21	Supervised Gravitational Clustering with Bipolar Fuzzification. Lecture Notes in Computer Science, 2008, , 667-674.	1.0	0
22	Soil Texture Prediction With Laser Guided Bouyoucos and Support Vector Regression. , 2020, , .		0