Zerrin Isik

List of Publications by Year
in descending order

32 papers	386 citations	1039880 9 h-index	1125617 13 g-index
33 all docs	33 docs citations	33 times ranked	594 citing authors

#	Article	IF	Citations
1	Drug target prioritization by perturbed gene expression and network information. Scientific Reports, 2015, 5, 17417.	1.6	107
2	Identification of Leukemia Subtypes from Microscopic Images Using Convolutional Neural Network. Diagnostics, 2019, 9, 104.	1.3	95
3	Network information improves cancer outcome prediction. Briefings in Bioinformatics, 2014, 15, 612-625.	3.2	29
4	Applying deep learning models to structural MRI for stage prediction of Alzheimerâ€™s disease. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 196-210.	0.9	28
5	Integration of RNA-Seq and RPPA data for survival time prediction in cancer patients. Computers in Biology and Medicine, 2017, 89, 397-404.	3.9	13
6	Sentiment Analysis in Turkish Text with Machine Learning Algorithms. , 2019, , .		13
7	Systematic drug perturbations on cancer cells reveal diverse exit paths from proliferative state. Oncotarget, 2016, 7, 7415-7425.	0.8	13
8	A signal transduction score flow algorithm for cyclic cellular pathway analysis, which combines transcriptome and ChIP-seq data. Molecular BioSystems, 2012, 8, 3224.	2.9	11
9	Predicting drug synergy for precision medicine using network biology and machine learning. Journal of Bioinformatics and Computational Biology, 2019, 17, 1950012.	0.3	11
10	Protein Structural Class Determination Using Support Vector Machines. Lecture Notes in Computer Science, 2004, , 82-89.	1.0	10
11	Stock Market Forecasting Using Machine Learning Models. , 2019, , .		9
12	Ubiquitinâ€"Proteasome Axis, Especially Ubiquitin-Specific Protease-17 (USP17) Gene Family, is a Potential Target for Epithelialâ€"Mesenchymal Transition in High-Grade Serous Ovarian Cancer. Reproductive Sciences, 2019, 26, 794-805.	1.1	9
13	Classification of CAD dataset by using principal component analysis and machine learning approaches. , 2018, , .		7
14	Graph Theory Based Classification of Brain Connectivity Network for Autism Spectrum Disorder. Lecture Notes in Computer Science, 2018, , 520-530.	1.0	7
15	Predicting Personality with Twitter Data and Machine Learning Models. , 2019, , .		6
16	A machine learning-based recommendation model for bipartite networks. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124287.	1.2	5
17	Application of artificial neural networks in dementia and alzheimer's diagnosis. , 2018, , .		2
18	Characterization of Cancer Types by Applying Machine Learning Methods on Blood RNA-Sequencing Data. , 2019, , .		2

#	Article	IF	Citations
19	Integrative Biological Network Analysis to Identify Shared Genes in Metabolic Disorders. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 522-530.	1.9	2
20	GeneCloud: Secure Cloud Computing for Biomedical Research. , 2014, , 3-14.		2
21	Dementia diagnosis by ensemble deep neural networks using FDG-PET scans. Signal, Image and Video Processing, 0, , 1.	1.7	2
22	Character segmentation on natural images with graph-based representation. , 2018, , .		1
23	AkciÄŸer ve Prostat Kanseri iÃ§in Ä°laÃ§ Yeniden KonumlandÄ±rmanÄ±n UygulanmasÄ±. European Journal of Science and Technology, 0, , .	0.5	1
24	In silico identification of novel biomarkers for key players in transition from normal colon tissue to adenomatous polyps. PLoS ONE, 2022, 17, e0267973.	1.1	1
25	Can specific transcriptional regulators assemble a universal cancer signature?. , 2013, , .		0
26	Classification of effects of drug combinations with support vector machines. , 2017, , .		0
27	Graph-Based Data Mining for Compound Target Identification. , 2018, , .		0
28	Compound Target Identification in Tissue-Specific Interaction Networks. IEEE Access, 2021, 9, 81702-81716.	2.6	0
29	Privacy-Preserving Cloud Computing for Biomedical Research. , 2014, , 259-282.		0
30	Estimation of Drug Treatment Effects on the Signaling Pathways. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2017, 7, 213-220.	0.2	0
31	Kanser Alt-TÃ¼rlerinin SÄ±nÄ±flandÄ±rÄ±lmasÄ± Ä°Ã§in RNA-Sekanslama ve RPPA Verilerinin KarÅŸÄ±laÅŸtÄ±rÄ±lmasÄ±. Deu Muhendislik Fakultesi Fen Ve Muhendislik, 2018, 20, 606-621.	0.1	0
32	Supervised Link Prediction Developed For Bipartite Social Networks. , 2019, , .		0