

Mehmet Eren Ahsen

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,648
citations

623734

14
h-index

434195

31
g-index

42
all docs

42
docs citations

42
times ranked

2988
citing authors

#	ARTICLE	IF	CITATIONS
1	Community assessment to advance computational prediction of cancer drug combinations in a pharmacogenomic screen. <i>Nature Communications</i> , 2019, 10, 2674.	12.8	240
2	Evaluation of Combined Artificial Intelligence and Radiologist Assessment to Interpret Screening Mammograms. <i>JAMA Network Open</i> , 2020, 3, e200265.	5.9	236
3	Intratumoral heterogeneity and clonal evolution in liver cancer. <i>Nature Communications</i> , 2020, 11, 291.	12.8	230
4	exRNA Atlas Analysis Reveals Distinct Extracellular RNA Cargo Types and Their Carriers Present across Human Biofluids. <i>Cell</i> , 2019, 177, 463-477.e15.	28.9	228
5	Assessment of network module identification across complex diseases. <i>Nature Methods</i> , 2019, 16, 843-852.	19.0	213
6	Radiogenomics Consortium Genome-Wide Association Study Meta-Analysis of Late Toxicity After Prostate Cancer Radiotherapy. <i>Journal of the National Cancer Institute</i> , 2020, 112, 179-190.	6.3	71
7	Error bounds for compressed sensing algorithms with group sparsity: A unified approach. <i>Applied and Computational Harmonic Analysis</i> , 2017, 43, 212-232.	2.2	55
8	A Nasal Brush-based Classifier of Asthma Identified by Machine Learning Analysis of Nasal RNA Sequence Data. <i>Scientific Reports</i> , 2018, 8, 8826.	3.3	51
9	When Algorithmic Predictions Use Human-Generated Data: A Bias-Aware Classification Algorithm for Breast Cancer Diagnosis. <i>Information Systems Research</i> , 2019, 30, 97-116.	3.7	41
10	Effect of AI Explanations on Human Perceptions of Patient-Facing AI-Powered Healthcare Systems. <i>Journal of Medical Systems</i> , 2021, 45, 64.	3.6	26
11	Unannotated small RNA clusters associated with circulating extracellular vesicles detect early stage liver cancer. <i>Gut</i> , 2022, 71, 2069-2080.	12.1	24
12	The transcriptomic response of cells to a drug combination is more than the sum of the responses to the monotherapies. <i>ELife</i> , 2020, 9, .	6.0	21
13	Gene selection for optimal prediction of cell position in tissues from single-cell transcriptomics data. <i>Life Science Alliance</i> , 2020, 3, e202000867.	2.8	20
14	Sparse feature selection for classification and prediction of metastasis in endometrial cancer. <i>BMC Genomics</i> , 2017, 18, 233.	2.8	19
15	Opportunistic wireless charging for mobile social and sensor networks. , 2014, , .		17
16	Evaluation of artificial intelligence systems for assisting neurologists with fast and accurate annotations of scalp electroencephalography data. <i>EBioMedicine</i> , 2021, 66, 103275.	6.1	15
17	Transcriptomic characterization of cancer-testis antigens identifies MAGEA3 as a driver of tumor progression in hepatocellular carcinoma. <i>PLoS Genetics</i> , 2021, 17, e1009589.	3.5	15
18	A community challenge to evaluate RNA-seq, fusion detection, and isoform quantification methods for cancer discovery. <i>Cell Systems</i> , 2021, 12, 827-838.e5.	6.2	15

#	ARTICLE	IF	CITATIONS
19	A crowdsourced analysis to identify ab initio molecular signatures predictive of susceptibility to viral infection. Nature Communications, 2018, 9, 4418.	12.8	14
20	NeTFactor, a framework for identifying transcriptional regulators of gene expression-based biomarkers. Scientific Reports, 2019, 9, 12970.	3.3	12
21	Timing the Use of Breast Cancer Risk Information in Biopsy Decision Making. Production and Operations Management, 2017, 26, 1333-1358.	3.8	11
22	Preference Sensitive Management of Post Mammography Decisions in Breast Cancer Diagnosis. Production and Operations Management, 2018, 27, 2313-2338.	3.8	10
23	The Societal Impact of Sharing Economy Platform Self-Regulations An Empirical Investigation. Information Systems Research, 2022, 33, 1303-1323.	3.7	9
24	Mixing Coefficients Between Discrete and Real Random Variables: Computation and Properties. IEEE Transactions on Automatic Control, 2014, 59, 34-47.	5.7	8
25	Inferring Genome-Wide Interaction Networks Using the Phi-Mixing Coefficient, and Applications to Lung and Breast Cancer. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 123-139.	2.1	6
26	Analysis of a Gene Regulatory Network Model With Time Delay Using the Secant Condition. IEEE Life Sciences Letters, 2016, 2, 5-8.	1.2	5
27	Two new approaches to compressed sensing exhibiting both robust sparse recovery and the grouping effect. , 2017, , .		5
28	COSIFER: a Python package for the consensus inference of molecular interaction networks. Bioinformatics, 2021, 37, 2070-2072.	4.1	4
29	The Fermi Dirac distribution provides a calibrated probabilistic output for binary classifiers. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4
30	Analysis of Gene Regulatory Networks under Positive Feedback. Advances in Delays and Dynamics, 2014, , 127-140.	0.4	4
31	Inferring weighted and directed gene interaction networks from gene expression data using the phi-mixing coefficient. , 2012, , .		3
32	Stability Analysis of a Dynamical Model Representing Gene Regulatory Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 191-196.	0.4	2
33	A Secant Condition for Cyclic Systems with Time Delays and its Application to Gene Regulatory Networks. IFAC-PapersOnLine, 2015, 48, 171-176.	0.9	2
34	Sparse Feature Selection for Classification and Prediction of Metastasis in Endometrial Cancer. , 2016, , .		0
35	Stability and Robustness Analysis of a Class of Cyclic Biological Systems. Advances in Delays and Dynamics, 2017, , 155-168.	0.4	0
36	R/PY-SUMMA: An R/Python Package for Unsupervised Ensemble Learning for Binary Classification Problems in Bioinformatics. Journal of Computational Biology, 2020, 27, 1337-1340.	1.6	0

#	ARTICLE	IF	CITATIONS
37	Gene Regulatory Networks Under Positive Feedback. Springer Briefs in Electrical and Computer Engineering, 2015, , 73-85.	0.5	0