Mehmet Göçnen

List of Publications by Year
in descending order

65 papers	2,352 citations	361413 20 h-index	254184 43 g-index
67 all docs	67 docs citations	67 times ranked	3550 citing authors

#	Article	IF	Citations
1	A community effort to assess and improve drug sensitivity prediction algorithms. Nature Biotechnology, 2014, 32, 1202-1212.	17.5	653
2	Predicting drug–target interactions from chemical and genomic kernels using Bayesian matrix factorization. Bioinformatics, 2012, 28, 2304-2310.	4.1	331
3	Localized multiple kernel learning. , 2008, , .		164
4	Integrative and Personalized QSAR Analysis in Cancer by Kernelized Bayesian Matrix Factorization. Journal of Chemical Information and Modeling, 2014, 54, 2347-2359.	5.4	101
5	Localized algorithms for multiple kernel learning. Pattern Recognition, 2013, 46, 795-807.	8.1	78
6	Drug susceptibility prediction against a panel of drugs using kernelized Bayesian multitask learning. Bioinformatics, 2014, 30, i556-i563.	4.1	72
7	Multiclass Posterior Probability Support Vector Machines. IEEE Transactions on Neural Networks, 2008, 19, 130-139.	4.2	52
8	Kernelized Bayesian Matrix Factorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2047-2060.	13.9	45
9	Androgen receptor-binding sites are highly mutated in prostate cancer. Nature Communications, 2020, 11, 832.	12.8	44
10	Identification of SERPINE1 as a Regulator of Glioblastoma Cell Dispersal with Transcriptome Profiling. Cancers, 2019, 11, 1651.	3.7	43
11	Effectiveness of favipiravir in COVID-19: a live systematic review. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 2575-2583.	2.9	43
12	The seroprevalence of SARS-CoV-2 antibodies among health care workers before the era of vaccination: a systematic review and meta-analysis. Clinical Microbiology and Infection, 2021, 27, 1242-1249.	6.0	43
13	Impact of the ST101 clone on fatality among patients with colistin-resistant Klebsiella pneumoniae infection. Journal of Antimicrobial Chemotherapy, 2018, 73, 1235-1241.	3.0	39
14	Cytokine response in crimean–congo hemorrhagic fever virus infection. Journal of Medical Virology, 2017, 89, 1707-1713.	5.0	38
15	Pan-cancer transcriptional signatures predictive of oncogenic mutations reveal that Fbw7 regulates cancer cell oxidative metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5462-5467.	7.1	31
16	Discriminating early- and late-stage cancers using multiple kernel learning on gene sets. Bioinformatics, 2018, 34, i412-i421.	4.1	30
17	National case fatality rates of the COVID-19 pandemic. Clinical Microbiology and Infection, 2021, 27, 118-124.	6.0	27
18	Multi-task and multi-view learning of user state. Neurocomputing, 2014, 139, 97-106.	5.9	26

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19	Systematic Review and Meta-analysis of Postexposure Prophylaxis for Crimean-Congo Hemorrhagic Fever Virus among Healthcare Workers. Emerging Infectious Diseases, 2018, 24, 1642-1648.	4.3	25
20	The Role of AcrAB–TolC Efflux Pumps on Quinolone Resistance of E. coli ST131. Current Microbiology, 2018, 75, 1661-1666.	2.2	24
21	The quality of ECG data acquisition, and diagnostic performance of a novel adhesive patch for ambulatory cardiac rhythm monitoring in arrhythmia detection. Journal of Electrocardiology, 2019, 54, 28-35.	0.9	24
22	Promoters of Colistin Resistance in <i>Acinetobacter baumannii</i> Infections. Microbial Drug Resistance, 2019, 25, 997-1002.	2.0	23
23	The fungal metabolite chaetocin is a sensitizer for pro-apoptotic therapies in glioblastoma. Cell Death and Disease, 2019, 10, 894.	6.3	21
24	Machine learning integration for predicting the effect of single amino acid substitutions on protein stability. BMC Structural Biology, 2009, 9, 66.	2.3	20
25	Localized Multiple Kernel Regression. , 2010, , .		19
26	A Community Challenge for Inferring Genetic Predictors of Gene Essentialities through Analysis of a Functional Screen of Cancer Cell Lines. Cell Systems, 2017, 5, 485-497.e3.	6.2	19
27	Spatiotemporal prediction of infectious diseases using structured Gaussian processes with application to Crimean–Congo hemorrhagic fever. PLoS Neglected Tropical Diseases, 2018, 12, e0006737.	3.0	19
28	A prospective prediction tool for understanding Crimean–Congo haemorrhagic fever dynamics in Turkey. Clinical Microbiology and Infection, 2020, 26, 123.e1-123.e7.	6.0	18
29	Regularizing multiple kernel learning using response surface methodology. Pattern Recognition, 2011, 44, 159-171.	8.1	17
30	Characteristics and outcomes of carbapenemase harbouring carbapenem-resistant Klebsiella spp. bloodstream infections: a multicentre prospective cohort study in an OXA-48 endemic setting. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 841-847.	2.9	17
31	DREAMTools: a Python package for scoring collaborative challenges. F1000Research, 2015, 4, 1030.	1.6	16
32	DREAMTools: a Python package for scoring collaborative challenges. F1000Research, 2015, 4, 1030.	1.6	14
33	Path2Surv: Pathway/gene set-based survival analysis using multiple kernel learning. Bioinformatics, 2019, 35, 5137-5145.	4.1	14
34	Effectiveness of different types of mask in aerosol dispersion in SARS-CoV-2 infection. International Journal of Infectious Diseases, 2021, 109, 310-314.	3.3	14
35	Cost-conscious multiple kernel learning. Pattern Recognition Letters, 2010, 31, 959-965.	4.2	13
36	Bayesian Supervised Dimensionality Reduction. IEEE Transactions on Cybernetics, 2013, 43, 2179-2189.	9.5	13

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37	Affective Abstract Image Classification and Retrieval Using Multiple Kernel Learning. Lecture Notes in Computer Science, 2013, , 166-175.	1.3	12
38	Protein dynamics analysis reveals that missense mutations in cancer‐related genes appear frequently on hinge‐neighboring residues. Proteins: Structure, Function and Bioinformatics, 2019, 87, 512-519.	2.6	11
39	Probabilistic and discriminative group-wise feature selection methods for credit risk analysis. Expert Systems With Applications, 2012, 39, 11709-11717.	7.6	10
40	Coupled dimensionality reduction and classification for supervised and semi-supervised multilabel learning. Pattern Recognition Letters, 2014, 38, 132-141.	4.2	10
41	Modeling gene-wise dependencies improves the identification of drug response biomarkers in cancer studies. Bioinformatics, 2017, 33, 1362-1369.	4.1	10
42	Understanding emotional impact of images using Bayesian multiple kernel learning. Neurocomputing, 2015, 165, 3-13.	5.9	9
43	Trends and factors associated with modification or discontinuation of the initial antiretroviral regimen during the first year of treatment in the Turkish HIV-TR Cohort, 2011–2017. AIDS Research and Therapy, 2021, 18, 4.	1.7	9
44	A multitask multiple kernel learning formulation for discriminating early- and late-stage cancers. Bioinformatics, 2020, 36, 3766-3772.	4.1	8
45	An efficient framework to identify key miRNA–mRNA regulatory modules in cancer. Bioinformatics, 2020, 36, i592-i600.	4.1	8
46	Supervised Multiple Kernel Embedding for Learning Predictive Subspaces. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2381-2389.	5.7	7
47	Ultrasensitive proteomic quantitation of cellular signaling by digitized nanoparticle-protein counting. Scientific Reports, 2016, 6, 28163.	3.3	7
48	Machine learning as a clinical decision support tool for patients with acromegaly. Pituitary, 2022, 25, 486-495.	2.9	7
49	Protein dynamics analysis identifies candidate cancer driver genes and mutations in <scp>TCGA</scp> data. Proteins: Structure, Function and Bioinformatics, 2021, 89, 721-730.	2.6	6
50	Virulence Determinants of Colistin-Resistant K. pneumoniae High-Risk Clones. Biology, 2021, 10, 436.	2.8	6
51	A meta-analysis for the role of aminoglycosides and tigecyclines in combined regimens against colistin- and carbapenem-resistant Klebsiella pneumoniae bloodstream infections. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 761-769.	2.9	6
52	Supervised learning of local projection kernels. Neurocomputing, 2010, 73, 1694-1703.	5.9	5
53	Integrating gene set analysis and nonlinear predictive modeling of disease phenotypes using a Bayesian multitask formulation. BMC Bioinformatics, 2016, 17, 0.	2.6	5
54	Elimination of healthcare-associated Acinetobacter baumannii infection in a highly endemic region. International Journal of Infectious Diseases, 2022, 114, 11-14.	3.3	5

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55	Efficient Multitask Multiple Kernel Learning With Application to Cancer Research. IEEE Transactions on Cybernetics, 2022, 52, 8716-8728.	9.5	4
56	Identifying Key miRNAâ€"mRNA Regulatory Modules in Cancer Using Sparse Multivariate Factor Regression. Lecture Notes in Computer Science, 2020, , 422-433.	1.3	4
57	Multitask Learning Using Regularized Multiple Kernel Learning. Lecture Notes in Computer Science, 2011, , 500-509.	1.3	3
58	Combining Data Sources Nonlinearly for Cell Nucleus Classification of Renal Cell Carcinoma. Lecture Notes in Computer Science, 2011, , 250-260.	1.3	3
59	Predicting Emotional States of Images Using Bayesian Multiple Kernel Learning. Lecture Notes in Computer Science, 2013, , 274-282.	1.3	2
60	Bayesian Supervised Multilabel Learning with Coupled Embedding and Classification. , 2012, , .		1
61	A Localized MKL Method for Brain Classification with Known Intra-class Variability. Lecture Notes in Computer Science, 2012, , 152-159.	1.3	1
62	PrognosiT: Pathway/gene set-based tumour volume prediction using multiple kernel learning. BMC Bioinformatics, 2021, 22, 537.	2.6	1
63	Improving Fraud Detection and Concept Drift Adaptation in Credit Card Transactions Using Incremental Gradient Boosting Trees. , 2020, , .		1
64	Assessment of quarter billion primary care prescriptions from a nationwide antimicrobial stewardship program. Scientific Reports, 2021, 11, 14621.	3.3	0
65	Fast and interpretable genomic data analysis using multiple approximate kernel learning. Bioinformatics, 2022, 38, i77-i83.	4.1	0