

# Mehmet GÃ¶nen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Efficient Multitask Multiple Kernel Learning With Application to Cancer Research. IEEE Transactions on Cybernetics, 2022, 52, 8716-8728.	9.5	4
2	Elimination of healthcare-associated Acinetobacter baumannii infection in a highly endemic region. International Journal of Infectious Diseases, 2022, 114, 11-14.	3.3	5
3	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
4	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
5	Fast and interpretable genomic data analysis using multiple approximate kernel learning. Bioinformatics, 2022, 38, i77-i83.	4.1	0
6	Machine learning as a clinical decision support tool for patients with acromegaly. Pituitary, 2022, 25, 486-495.	2.9	7
7	National case fatality rates of the COVID-19 pandemic. Clinical Microbiology and Infection, 2021, 27, 118-124.	6.0	27
8	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, 2011â€“2017. AIDS Research and Therapy, 2021, 18, 4.	1.7	9
9	Protein dynamics analysis identifies candidate cancer driver genes and mutations in <sc>TCGA</sc> data. Proteins: Structure, Function and Bioinformatics, 2021, 89, 721-730.	2.6	6
10	Virulence Determinants of Colistin-Resistant K. pneumoniae High-Risk Clones. Biology, 2021, 10, 436.	2.8	6
11	Assessment of quarter billion primary care prescriptions from a nationwide antimicrobial stewardship program. Scientific Reports, 2021, 11, 14621.	3.3	0
12	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
13	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
14	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
15	PrognosiT: Pathway/gene set-based tumour volume prediction using multiple kernel learning. BMC Bioinformatics, 2021, 22, 537.	2.6	1
16	A prospective prediction tool for understanding Crimeanâ€“Congo haemorrhagic fever dynamics in Turkey. Clinical Microbiology and Infection, 2020, 26, 123.e1-123.e7.	6.0	18
17	A multitask multiple kernel learning formulation for discriminating early- and late-stage cancers. Bioinformatics, 2020, 36, 3766-3772.	4.1	8
18	Identifying Key miRNAâ€“mRNA Regulatory Modules in Cancer Using Sparse Multivariate Factor Regression. Lecture Notes in Computer Science, 2020, , 422-433.	1.3	4

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19	Androgen receptor-binding sites are highly mutated in prostate cancer. <i>Nature Communications</i> , 2020, 11, 832.	12.8	44
20	An efficient framework to identify key miRNA-mRNA regulatory modules in cancer. <i>Bioinformatics</i> , 2020, 36, i592-i600.	4.1	8
21	Improving Fraud Detection and Concept Drift Adaptation in Credit Card Transactions Using Incremental Gradient Boosting Trees. , 2020, , .		1
22	Path2Surv: Pathway/gene set-based survival analysis using multiple kernel learning. <i>Bioinformatics</i> , 2019, 35, 5137-5145.	4.1	14
23	Promoters of Colistin Resistance in <i>Acinetobacter baumannii</i> Infections. <i>Microbial Drug Resistance</i> , 2019, 25, 997-1002.	2.0	23
24	The quality of ECG data acquisition, and diagnostic performance of a novel adhesive patch for ambulatory cardiac rhythm monitoring in arrhythmia detection. <i>Journal of Electrocardiology</i> , 2019, 54, 28-35.	0.9	24
25	Protein dynamics analysis reveals that missense mutations in cancer-related genes appear frequently on hinge-neighboring residues. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 512-519.	2.6	11
26	Identification of SERPINE1 as a Regulator of Glioblastoma Cell Dispersal with Transcriptome Profiling. <i>Cancers</i> , 2019, 11, 1651.	3.7	43
27	The fungal metabolite chaetocin is a sensitizer for pro-apoptotic therapies in glioblastoma. <i>Cell Death and Disease</i> , 2019, 10, 894.	6.3	21
28	Impact of the ST101 clone on fatality among patients with colistin-resistant <i>Klebsiella pneumoniae</i> infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1235-1241.	3.0	39
29	The Role of AcrAB-TolC Efflux Pumps on Quinolone Resistance of <i>E. coli</i> ST131. <i>Current Microbiology</i> , 2018, 75, 1661-1666.	2.2	24
30	Spatiotemporal prediction of infectious diseases using structured Gaussian processes with application to Crimean-Congo hemorrhagic fever. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006737.	3.0	19
31	Pan-cancer transcriptional signatures predictive of oncogenic mutations reveal that Fbw7 regulates cancer cell oxidative metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5462-5467.	7.1	31
32	Discriminating early- and late-stage cancers using multiple kernel learning on gene sets. <i>Bioinformatics</i> , 2018, 34, i412-i421.	4.1	30
33	Systematic Review and Meta-analysis of Postexposure Prophylaxis for Crimean-Congo Hemorrhagic Fever Virus among Healthcare Workers. <i>Emerging Infectious Diseases</i> , 2018, 24, 1642-1648.	4.3	25
34	Modeling gene-wise dependencies improves the identification of drug response biomarkers in cancer studies. <i>Bioinformatics</i> , 2017, 33, 1362-1369.	4.1	10
35	Cytokine response in Crimean-Congo hemorrhagic fever virus infection. <i>Journal of Medical Virology</i> , 2017, 89, 1707-1713.	5.0	38
36	A Community Challenge for Inferring Genetic Predictors of Gene Essentialities through Analysis of a Functional Screen of Cancer Cell Lines. <i>Cell Systems</i> , 2017, 5, 485-497.e3.	6.2	19

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37	Ultrasensitive proteomic quantitation of cellular signaling by digitized nanoparticle-protein counting. <i>Scientific Reports</i> , 2016, 6, 28163.	3.3	7
38	Integrating gene set analysis and nonlinear predictive modeling of disease phenotypes using a Bayesian multitask formulation. <i>BMC Bioinformatics</i> , 2016, 17, 0.	2.6	5
39	Understanding emotional impact of images using Bayesian multiple kernel learning. <i>Neurocomputing</i> , 2015, 165, 3-13.	5.9	9
40	DREAMTools: a Python package for scoring collaborative challenges. <i>F1000Research</i> , 2015, 4, 1030.	1.6	14
41	DREAMTools: a Python package for scoring collaborative challenges. <i>F1000Research</i> , 2015, 4, 1030.	1.6	16
42	Kernelized Bayesian Matrix Factorization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014, 36, 2047-2060.	13.9	45
43	Drug susceptibility prediction against a panel of drugs using kernelized Bayesian multitask learning. <i>Bioinformatics</i> , 2014, 30, i556-i563.	4.1	72
44	Integrative and Personalized QSAR Analysis in Cancer by Kernelized Bayesian Matrix Factorization. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2347-2359.	5.4	101
45	Coupled dimensionality reduction and classification for supervised and semi-supervised multilabel learning. <i>Pattern Recognition Letters</i> , 2014, 38, 132-141.	4.2	10
46	A community effort to assess and improve drug sensitivity prediction algorithms. <i>Nature Biotechnology</i> , 2014, 32, 1202-1212.	17.5	653
47	Multi-task and multi-view learning of user state. <i>Neurocomputing</i> , 2014, 139, 97-106.	5.9	26
48	Supervised Multiple Kernel Embedding for Learning Predictive Subspaces. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013, 25, 2381-2389.	5.7	7
49	Localized algorithms for multiple kernel learning. <i>Pattern Recognition</i> , 2013, 46, 795-807.	8.1	78
50	Bayesian Supervised Dimensionality Reduction. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 2179-2189.	9.5	13
51	Affective Abstract Image Classification and Retrieval Using Multiple Kernel Learning. <i>Lecture Notes in Computer Science</i> , 2013, , 166-175.	1.3	12
52	Predicting Emotional States of Images Using Bayesian Multiple Kernel Learning. <i>Lecture Notes in Computer Science</i> , 2013, , 274-282.	1.3	2
53	Bayesian Supervised Multilabel Learning with Coupled Embedding and Classification. , 2012, , .		1
54	Predicting drug-target interactions from chemical and genomic kernels using Bayesian matrix factorization. <i>Bioinformatics</i> , 2012, 28, 2304-2310.	4.1	331

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55	Probabilistic and discriminative group-wise feature selection methods for credit risk analysis. Expert Systems With Applications, 2012, 39, 11709-11717.	7.6	10
56	A Localized MKL Method for Brain Classification with Known Intra-class Variability. Lecture Notes in Computer Science, 2012, , 152-159.	1.3	1
57	Regularizing multiple kernel learning using response surface methodology. Pattern Recognition, 2011, 44, 159-171.	8.1	17
58	Multitask Learning Using Regularized Multiple Kernel Learning. Lecture Notes in Computer Science, 2011, , 500-509.	1.3	3
59	Combining Data Sources Nonlinearly for Cell Nucleus Classification of Renal Cell Carcinoma. Lecture Notes in Computer Science, 2011, , 250-260.	1.3	3
60	Supervised learning of local projection kernels. Neurocomputing, 2010, 73, 1694-1703.	5.9	5
61	Cost-conscious multiple kernel learning. Pattern Recognition Letters, 2010, 31, 959-965.	4.2	13
62	Localized Multiple Kernel Regression. , 2010, , .		19
63	Machine learning integration for predicting the effect of single amino acid substitutions on protein stability. BMC Structural Biology, 2009, 9, 66.	2.3	20
64	Multiclass Posterior Probability Support Vector Machines. IEEE Transactions on Neural Networks, 2008, 19, 130-139.	4.2	52
65	Localized multiple kernel learning. , 2008, , .		164