

# Xizeng Mao

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

10,787  
citations

331670

21  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

16160  
citing authors

#	ARTICLE	IF	CITATIONS
1	KOBAS 2.0: a web server for annotation and identification of enriched pathways and diseases. <i>Nucleic Acids Research</i> , 2011, 39, W316-W322.	14.5	3,897
2	Automated genome annotation and pathway identification using the KEGG Orthology (KO) as a controlled vocabulary. <i>Bioinformatics</i> , 2005, 21, 3787-3793.	4.1	3,124
3	dbCAN: a web resource for automated carbohydrate-active enzyme annotation. <i>Nucleic Acids Research</i> , 2012, 40, W445-W451.	14.5	1,554
4	KOBAS server: a web-based platform for automated annotation and pathway identification. <i>Nucleic Acids Research</i> , 2006, 34, W720-W724.	14.5	682
5	Genes and (Common) Pathways Underlying Drug Addiction. <i>PLoS Computational Biology</i> , 2008, 4, e2.	3.2	210
6	DOOR 2.0: presenting operons and their functions through dynamic and integrated views. <i>Nucleic Acids Research</i> , 2014, 42, D654-D659.	14.5	171
7	Metabolic reprogramming toward oxidative phosphorylation identifies a therapeutic target for mantle cell lymphoma. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	161
8	Genomic and immune heterogeneity are associated with differential responses to therapy in melanoma. <i>Npj Genomic Medicine</i> , 2017, 2, .	3.8	120
9	Multiplex profiling of peritoneal metastases from gastric adenocarcinoma identified novel targets and molecular subtypes that predict treatment response. <i>Gut</i> , 2020, 69, 18-31.	12.1	94
10	Multi-region exome sequencing reveals genomic evolution from preneoplasia to lung adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 2978.	12.8	91
11	Combined Analysis of Antigen Presentation and T-cell Recognition Reveals Restricted Immune Responses in Melanoma. <i>Cancer Discovery</i> , 2018, 8, 1366-1375.	9.4	80
12	Molecular Analysis of Clinically Defined Subsets of High-Grade Serous Ovarian Cancer. <i>Cell Reports</i> , 2020, 31, 107502.	6.4	69
13	Comprehensive characterization of the genomic alterations in human gastric cancer. <i>International Journal of Cancer</i> , 2015, 137, 86-95.	5.1	67
14	Blocking immunosuppressive neutrophils deters pY696-EZH2-driven brain metastases. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	64
15	Telomere dysfunction activates YAP1 to drive tissue inflammation. <i>Nature Communications</i> , 2020, 11, 4766.	12.8	42
16	The percentage of bacterial genes on leading versus lagging strands is influenced by multiple balancing forces. <i>Nucleic Acids Research</i> , 2012, 40, 8210-8218.	14.5	41
17	Revisiting operons: an analysis of the landscape of transcriptional units in <i>E. coli</i> . <i>BMC Bioinformatics</i> , 2015, 16, 356.	2.6	39
18	Molecular analysis of early rice stamen development using organ-specific gene expression profiling. <i>Plant Molecular Biology</i> , 2006, 61, 845-861.	3.9	30

#	ARTICLE	IF	CITATIONS
19	DMINDA: an integrated web server for DNA motif identification and analyses. <i>Nucleic Acids Research</i> , 2014, 42, W12-W19.	14.5	30
20	Multi-omic molecular profiling reveals potentially targetable abnormalities shared across multiple histologies of brain metastasis. <i>Acta Neuropathologica</i> , 2021, 141, 303-321.	7.7	30
21	Hypoxia and miscoupling between reduced energy efficiency and signaling to cell proliferation drive cancer to grow increasingly faster. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 174-176.	3.3	23
22	New Insights into Clostridia Through Comparative Analyses of Their 40 Genomes. <i>Bioenergy Research</i> , 2014, 7, 1481-1492.	3.9	16
23	PRDM16s transforms megakaryocyte-erythroid progenitors into myeloid leukemia-initiating cells. <i>Blood</i> , 2019, 134, 614-625.	1.4	16
24	The histologic phenotype of lung cancers is associated with transcriptomic features rather than genomic characteristics. <i>Nature Communications</i> , 2021, 12, 7081.	12.8	16
25	Isolation and analysis of differentially expressed genes in dominant genic male sterility (DGMS) <i>Brassica napus</i> L. using subtractive PCR and cDNA microarray. <i>Plant Science</i> , 2007, 172, 204-211.	3.6	15
26	Spatially resolved analyses link genomic and immune diversity and reveal unfavorable neutrophil activation in melanoma. <i>Nature Communications</i> , 2020, 11, 1839.	12.8	15
27	Computational prediction of the osmoregulation network in <i>Synechococcus</i> sp. WH8102. <i>BMC Genomics</i> , 2010, 11, 291.	2.8	14
28	Enhancer reprogramming in PRC2-deficient malignant peripheral nerve sheath tumors induces a targetable de-differentiated state. <i>Acta Neuropathologica</i> , 2021, 142, 565-590.	7.7	12
29	Integration of sequence-similarity and functional association information can overcome intrinsic problems in orthology mapping across bacterial genomes. <i>Nucleic Acids Research</i> , 2011, 39, e150-e150.	14.5	11
30	Variants with a low allele frequency detected in genomic DNA affect the accuracy of mutation detection in cell-free DNA by next-generation sequencing. <i>Cancer</i> , 2018, 124, 1061-1069.	4.1	11
31	Genome-Scale Identification of Cell-Wall-Related Genes in Switchgrass through Comparative Genomics and Computational Analyses of Transcriptomic Data. <i>Bioenergy Research</i> , 2016, 9, 172-180.	3.9	10
32	SEAS: A System for SEED-Based Pathway Enrichment Analysis. <i>PLoS ONE</i> , 2011, 6, e22556.	2.5	8
33	Experimental models of undifferentiated pleomorphic sarcoma and malignant peripheral nerve sheath tumor. <i>Laboratory Investigation</i> , 2022, 102, 658-666.	3.7	7
34	CINPER: An Interactive Web System for Pathway Prediction for Prokaryotes. <i>PLoS ONE</i> , 2012, 7, e51252.	2.5	5
35	Understanding the commonalities and differences in genomic organizations across closely related bacteria from an energy perspective. <i>Science China Life Sciences</i> , 2014, 57, 1121-1130.	4.9	4
36	A Cryptic BCR-PDGFRB Fusion Resulting in a Chronic Myeloid Neoplasm With Monocytosis and Eosinophilia: A Novel Finding With Treatment Implications. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020, 18, 1300-1304.	4.9	4

#	ARTICLE	IF	CITATIONS
37	Somatic Mutations in Circulating Cell-Free DNA and Risk for Hepatocellular Carcinoma in Hispanics. International Journal of Molecular Sciences, 2021, 22, 7411.	4.1	3