

Di Wu

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

34,012
citations

279778

23
h-index

123420

61
g-index

73
all docs

73
docs citations

73
times ranked

64041
citing authors

#	ARTICLE	IF	CITATIONS
1	limma powers differential expression analyses for RNA-sequencing and microarray studies. <i>Nucleic Acids Research</i> , 2015, 43, e47-e47.	14.5	26,032
2	Genetics of rheumatoid arthritis contributes to biology and drug discovery. <i>Nature</i> , 2014, 506, 376-381.	27.8	1,974
3	Aberrant luminal progenitors as the candidate target population for basal tumor development in BRCA1 mutation carriers. <i>Nature Medicine</i> , 2009, 15, 907-913.	30.7	1,261
4	Camera: a competitive gene set test accounting for inter-gene correlation. <i>Nucleic Acids Research</i> , 2012, 40, e133-e133.	14.5	665
5	Control of mammary stem cell function by steroid hormone signalling. <i>Nature</i> , 2010, 465, 798-802.	27.8	617
6	Sequence determinants of improved CRISPR sgRNA design. <i>Genome Research</i> , 2015, 25, 1147-1157.	5.5	514
7	ROAST: rotation gene set tests for complex microarray experiments. <i>Bioinformatics</i> , 2010, 26, 2176-2182.	4.1	463
8	Isolation and Culture of Epithelial Progenitors and Mesenchymal Stem Cells from Human Endometrium1. <i>Biology of Reproduction</i> , 2009, 80, 1136-1145.	2.7	425
9	CXCR5+ follicular cytotoxic T cells control viral infection in B cell follicles. <i>Nature Immunology</i> , 2016, 17, 1187-1196.	14.5	385
10	Transcriptome analyses of mouse and human mammary cell subpopulations reveal multiple conserved genes and pathways. <i>Breast Cancer Research</i> , 2010, 12, R21.	5.0	354
11	Chronic Wasting Disease of Elk: Transmissibility to Humans Examined by Transgenic Mouse Models. <i>Journal of Neuroscience</i> , 2005, 25, 7944-7949.	3.6	235
12	Gata-3 Negatively Regulates the Tumor-Initiating Capacity of Mammary Luminal Progenitor Cells and Targets the Putative Tumor Suppressor Caspase-14. <i>Molecular and Cellular Biology</i> , 2011, 31, 4609-4622.	2.3	96
13	DCAF1 regulates Treg senescence via the ROS axis during immunological aging. <i>Journal of Clinical Investigation</i> , 2020, 130, 5893-5908.	8.2	71
14	Dimensionality reduction by UMAP reinforces sample heterogeneity analysis in bulk transcriptomic data. <i>Cell Reports</i> , 2021, 36, 109442.	6.4	67
15	The use of miRNA microarrays for the analysis of cancer samples with global miRNA decrease. <i>Rna</i> , 2013, 19, 876-888.	3.5	52
16	Human Genetics in Rheumatoid Arthritis Guides a High-Throughput Drug Screen of the CD40 Signaling Pathway. <i>PLoS Genetics</i> , 2013, 9, e1003487.	3.5	52
17	Derivation and Validation of the Periodontal and Tooth Profile Classification System for Patient Stratification. <i>Journal of Periodontology</i> , 2017, 88, 153-165.	3.4	48
18	Clinical Utility of a STAT3-Regulated miRNA-200 Family Signature with Prognostic Potential in Early Gastric Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 1459-1472.	7.0	46

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19	Molecular changes in endometriosis-associated ovarian clear cell carcinoma. <i>European Journal of Cancer</i> , 2015, 51, 1831-1842.	2.8	44
20	Periodontal profile classes predict periodontal disease progression and tooth loss. <i>Journal of Periodontology</i> , 2018, 89, 148-156.	3.4	37
21	Inducible overexpression of wild-type prion protein in the muscles leads to a primary myopathy in transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6800-6805.	7.1	35
22	Differential expression of VEGF ligands and receptors in prostate cancer. <i>Prostate</i> , 2013, 73, 563-572.	2.3	31
23	High-throughput identification of noncoding functional SNPs via type IIS enzyme restriction. <i>Nature Genetics</i> , 2018, 50, 1180-1188.	21.4	31
24	Human milk 3- <i>O</i> -Sialyllactose is positively associated with language development during infancy. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 588-597.	4.7	29
25	The Rheumatoid Arthritis Risk Variant CCR6DNP Regulates CCR6 via PARP-1. <i>PLoS Genetics</i> , 2016, 12, e1006292.	3.5	28
26	FIREcaller: Detecting frequently interacting regions from Hi-C data. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 355-362.	4.1	22
27	Statistical inference for time course RNA-Seq data using a negative binomial mixed-effect model. <i>BMC Bioinformatics</i> , 2016, 17, 324.	2.6	21
28	Cohort Profile: ZOE 2.0—A Community-Based Genetic Epidemiologic Study of Early Childhood Oral Health. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8056.	2.6	20
29	A robust and powerful two-step testing procedure for local ancestry adjusted allelic association analysis in admixed populations. <i>Genetic Epidemiology</i> , 2018, 42, 288-302.	1.3	17
30	The associations between carbohydrate and protein intakes with habitual sleep duration among adults living in urban and rural areas. <i>Clinical Nutrition</i> , 2018, 37, 1631-1637.	5.0	17
31	The Supragingival Biofilm in Early Childhood Caries: Clinical and Laboratory Protocols and Bioinformatics Pipelines Supporting Metagenomics, Metatranscriptomics, and Metabolomics Studies of the Oral Microbiome. <i>Methods in Molecular Biology</i> , 2019, 1922, 525-548.	0.9	17
32	A sequential methodology for the rapid identification and characterization of breast cancer-associated functional SNPs. <i>Nature Communications</i> , 2020, 11, 3340.	12.8	17
33	Early Lineage Priming by Trisomy of Erg Leads to Myeloproliferation in a Down Syndrome Model. <i>PLoS Genetics</i> , 2015, 11, e1005211.	3.5	16
34	The Axis of Progression of Disease. <i>Cancer Informatics</i> , 2014, 13s6, CIN.S17683.	1.9	15
35	RAS P21 Protein Activator 3 (RASA3) Specifically Promotes Pathogenic T Helper 17 Cell Generation by Repressing T-Helper-2-Cell-Biased Programs. <i>Immunity</i> , 2018, 49, 886-898.e5.	14.3	15
36	The Novel <i>ASIC2</i> Locus Is Associated with Severe Gingival Inflammation. <i>JDR Clinical and Translational Research</i> , 2016, 1, 163-170.	1.9	14

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37	The bacterial microbiome and metabolome in caries progression and arrest. <i>Journal of Oral Microbiology</i> , 2021, 13, 1886748.	2.7	14
38	A 3Dâ€Bioprinted Multiple Myeloma Model. <i>Advanced Healthcare Materials</i> , 2022, 11, e2100884.	7.6	14
39	Unravelling roles of error-prone DNA polymerases in shaping cancer genomes. <i>Oncogene</i> , 2021, 40, 6549-6565.	5.9	14
40	Complete loss of miR-200 family induces EMT associated cellular senescence in gastric cancer. <i>Oncogene</i> , 2022, 41, 26-36.	5.9	13
41	A Randomized Clinical Trial Comparing 2 Ibuprofen Formulations in Patients with Acute Odontogenic Pain. <i>Journal of Endodontics</i> , 2017, 43, 674-678.	3.1	12
42	Network Patterns of Herbal Combinations in Traditional Chinese Clinical Prescriptions. <i>Frontiers in Pharmacology</i> , 2020, 11, 590824.	3.5	12
43	Exosomes targeted towards applications in regenerative medicine. <i>Nano Select</i> , 2021, 2, 880-908.	3.7	12
44	Periodontitis and Risk of Diabetes in the Atherosclerosis Risk In Communities (ARIC) Study: A BMI-Modified Association. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3546-e3558.	3.6	12
45	Differential Roles of Rad18 and Chk2 in Genome Maintenance and Skin Carcinogenesis Following UV Exposure. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2550-2557.	0.7	11
46	TWOâ€SIGMA: A novel twoâ€component single cell modelâ€based association method for singleâ€cell RNAâ€seq data. <i>Genetic Epidemiology</i> , 2021, 45, 142-153.	1.3	11
47	Rad18 mediates specific mutational signatures and shapes the genomic landscape of carcinogen-induced tumors in vivo. <i>NAR Cancer</i> , 2021, 3, zcaa037.	3.1	10
48	Regulation of the Late Onset alzheimerâ€™s Disease Associated <i>HLA-DQA1/DRB1</i> Expression. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2022, 37, 153331752210850.	1.9	10
49	Endodontics Specialistsâ€™ Practice during the Initial Outbreak of Coronavirus Disease 2019. <i>Journal of Endodontics</i> , 2022, 48, 102-108.	3.1	8
50	TET2 stabilization by 14-3-3 binding to the phosphorylated Serine 99 is deregulated by mutations in cancer. <i>Cell Research</i> , 2019, 29, 248-250.	12.0	7
51	Inferring Regulatory Networks From Mixed Observational Data Using Directed Acyclic Graphs. <i>Frontiers in Genetics</i> , 2020, 11, 8.	2.3	7
52	Improved Metabolite Prediction Using Microbiome Data-Based Elastic Net Models. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 734416.	3.9	7
53	Endodontic Specialists' Practice During the Coronavirus Disease 2019 Pandemic: 1 Year after the Initial Outbreak. <i>Journal of Endodontics</i> , 2022, 48, 699-706.	3.1	6
54	Normalization of Affymetrix miRNA Microarrays for the Analysis of Cancer Samples. <i>Methods in Molecular Biology</i> , 2015, 1375, 1-10.	0.9	5

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55	TWO-SIGMA-G: a new competitive gene set testing framework for scRNA-seq data accounting for inter-gene and cell-cell correlation. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	5
56	Post-GWAS functional studies reveal an RA-associated <i>CD40</i> -induced NF- κ B signal transduction and transcriptional regulation network targeted by class II HDAC inhibitors. <i>Human Molecular Genetics</i> , 2021, 30, 823-835.	2.9	4
57	Coupling high-throughput mapping with proteomics analysis delineates <i>cis</i> -regulatory elements at high resolution. <i>Nucleic Acids Research</i> , 2022, 50, e5-e5.	14.5	4
58	Transcriptional Regulation of CD40 Expression by 4 Ribosomal Proteins via a Functional SNP on a Disease-Associated CD40 Locus. <i>Genes</i> , 2020, 11, 1526.	2.4	4
59	Post-GWAS functional analysis identifies CUX1 as a regulator of p16INK4a and cellular senescence. <i>Nature Aging</i> , 2022, 2, 140-154.	11.6	4
60	The Use of CRISPR/Cas9 Gene Editing to Confirm Congenic Contaminations in Host-Pathogen Interaction Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 87.	3.9	3
61	Machine Learning and Deep Learning in Genetics and Genomics. , 2021, , 163-181.		3
62	An Automated Machine Learning Classifier for Early Childhood Caries. <i>Pediatric Dentistry (discontinued)</i> , 2021, 43, 191-197.	0.4	2
63	Covert Genetic Selections to Optimize Phenotypes. <i>PLoS ONE</i> , 2007, 2, e1200.	2.5	0
64	Editorial: Genetics and Molecular Mechanisms of Oral and Esophageal Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 874353.	2.8	0