

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64 papers	19,238 citations	21 h-index	73 g-index
73 ext. papers	28,451 ext. citations	9.8 avg, IF	6.79 L-index

#	Paper	IF	Citations
64	Regulation of the Late Onset alzheimer's Disease Associated Expression.. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2022 , 37, 15333175221085066	2.5	0
63	Post-GWAS functional analysis identifies CUX1 as a regulator of p16INK4a and cellular senescence. <i>Nature Aging</i> , 2022 , 2, 140-154		1
62	Endodontic Specialists' Practice During the COVID-19 Pandemic One Year After the Initial Outbreak.. <i>Journal of Endodontics</i> , 2022 ,	4.7	1
61	An Automated Machine Learning Classifier for Early Childhood Caries. <i>Pediatric Dentistry (discontinued)</i> , 2021 , 43, 191-197	1.2	1
60	Endodontics Specialists' Practice during the Initial Outbreak of Coronavirus Disease 2019. <i>Journal of Endodontics</i> , 2021 ,	4.7	2
59	Improved Metabolite Prediction Using Microbiome Data-Based Elastic Net Models. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 734416	5.9	1
58	Unravelling roles of error-prone DNA polymerases in shaping cancer genomes. <i>Oncogene</i> , 2021 , 40, 6549-6565	9.6	1
57	Complete loss of miR-200 family induces EMT associated cellular senescence in gastric cancer. <i>Oncogene</i> , 2021 ,	9.2	4
56	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	7	9
55	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	5.6	2
54	TWO-SIGMA: A novel two-component single cell model-based association method for single-cell RNA-seq data. <i>Genetic Epidemiology</i> , 2021 , 45, 142-153	2.6	2
53	Exosomes targeted towards applications in regenerative medicine. <i>Nano Select</i> , 2021 , 2, 880-908	3.1	7
52	Machine Learning and Deep Learning in Genetics and Genomics 2021 , 163-181		
51	Post-GWAS functional studies reveal an RA-associated CD40-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	5.6	2
50	The bacterial microbiome and metabolome in caries progression and arrest. <i>Journal of Oral Microbiology</i> , 2021 , 13, 1886748	6.3	2
49	FIREcaller: Detecting frequently interacting regions from Hi-C data. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 355-362	6.8	13
48	Dimensionality reduction by UMAP reinforces sample heterogeneity analysis in bulk transcriptomic data. <i>Cell Reports</i> , 2021 , 36, 109442	10.6	13

47	A 3D-Bioprinted Multiple Myeloma Model. <i>Advanced Healthcare Materials</i> , 2021 , e2100884	10.1	2
46	Rad18 mediates specific mutational signatures and shapes the genomic landscape of carcinogen-induced tumors. <i>NAR Cancer</i> , 2021 , 3, zcaa037	5.2	6
45	Inferring Regulatory Networks From Mixed Observational Data Using Directed Acyclic Graphs. <i>Frontiers in Genetics</i> , 2020 , 11, 8	4.5	5
44	A sequential methodology for the rapid identification and characterization of breast cancer-associated functional SNPs. <i>Nature Communications</i> , 2020 , 11, 3340	17.4	8
43	DCAF1 regulates Treg senescence via the ROS axis during immunological aging. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5893-5908	15.9	27
42	Transcriptional Regulation of Expression by 4 Ribosomal Proteins via a Functional SNP on a Disease-Associated Locus. <i>Genes</i> , 2020 , 11,	4.2	1
41	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,	4.6	7
40	Network Patterns of Herbal Combinations in Traditional Chinese Clinical Prescriptions. <i>Frontiers in Pharmacology</i> , 2020 , 11, 590824	5.6	6
39	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	1.4	9
38	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	24.7	5
37	Periodontal profile classes predict periodontal disease progression and tooth loss. <i>Journal of Periodontology</i> , 2018 , 89, 148-156	4.6	25
36	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	12.9	29
35	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	5.9	2
34	High-throughput identification of noncoding functional SNPs via type IIS enzyme restriction. <i>Nature Genetics</i> , 2018 , 50, 1180-1188	36.3	14
33	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	4.3	8
32	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	2.6	8
31	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	5.9	12
30	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	32.3	4

29	A Randomized Clinical Trial Comparing 2 Ibuprofen Formulations in Patients with Acute Odontogenic Pain. <i>Journal of Endodontics</i> , 2017 , 43, 674-678	4.7	9
28	Derivation and Validation of the Periodontal and Tooth Profile Classification System for Patient Stratification. <i>Journal of Periodontology</i> , 2017 , 88, 153-165	4.6	37
27	The Novel Locus is Associated with Severe Gingival Inflammation. <i>JDR Clinical and Translational Research</i> , 2016 , 1, 163-170	2.2	9
26	Normalization of Affymetrix miRNA Microarrays for the Analysis of Cancer Samples. <i>Methods in Molecular Biology</i> , 2016 , 1375, 1-10	1.4	4
25	The Rheumatoid Arthritis Risk Variant CCR6DNP Regulates CCR6 via PARP-1. <i>PLoS Genetics</i> , 2016 , 12, e1006292	6	17
24	Statistical inference for time course RNA-Seq data using a negative binomial mixed-effect model. <i>BMC Bioinformatics</i> , 2016 , 17, 324	3.6	16
23	CXCR5(+) follicular cytotoxic T cells control viral infection in B cell follicles. <i>Nature Immunology</i> , 2016 , 17, 1187-96	19.1	267
22	Early lineage priming by trisomy of Erg leads to myeloproliferation in a Down syndrome model. <i>PLoS Genetics</i> , 2015 , 11, e1005211	6	12
21	Molecular changes in endometriosis-associated ovarian clear cell carcinoma. <i>European Journal of Cancer</i> , 2015 , 51, 1831-42	7.5	37
20	Sequence determinants of improved CRISPR sgRNA design. <i>Genome Research</i> , 2015 , 25, 1147-57	9.7	335
19	limma powers differential expression analyses for RNA-sequencing and microarray studies. <i>Nucleic Acids Research</i> , 2015 , 43, e47	20.1	13379
18	Genetics of rheumatoid arthritis contributes to biology and drug discovery. <i>Nature</i> , 2014 , 506, 376-81	50.4	1426
17	The axis of progression of disease. <i>Cancer Informatics</i> , 2014 , 13, 7-13	2.4	12
16	The use of miRNA microarrays for the analysis of cancer samples with global miRNA decrease. <i>Rna</i> , 2013 , 19, 876-88	5.8	46
15	Human genetics in rheumatoid arthritis guides a high-throughput drug screen of the CD40 signaling pathway. <i>PLoS Genetics</i> , 2013 , 9, e1003487	6	45
14	Differential expression of VEGF ligands and receptors in prostate cancer. <i>Prostate</i> , 2013 , 73, 563-72	4.2	27
13	Camera: a competitive gene set test accounting for inter-gene correlation. <i>Nucleic Acids Research</i> , 2012 , 40, e133	20.1	422
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, 4609-22	4.8	84

11	Control of mammary stem cell function by steroid hormone signalling. <i>Nature</i> , 2010 , 465, 798-802	50.4	531
10	ROAST: rotation gene set tests for complex microarray experiments. <i>Bioinformatics</i> , 2010 , 26, 2176-82	7.2	329
9	Transcriptome analyses of mouse and human mammary cell subpopulations reveal multiple conserved genes and pathways. <i>Breast Cancer Research</i> , 2010 , 12, R21	8.3	313
8	Aberrant luminal progenitors as the candidate target population for basal tumor development in BRCA1 mutation carriers. <i>Nature Medicine</i> , 2009 , 15, 907-13	50.5	1034
7	Isolation and culture of epithelial progenitors and mesenchymal stem cells from human endometrium. <i>Biology of Reproduction</i> , 2009 , 80, 1136-45	3.9	368
6	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, 6800-5	11.5	27
5	Covert genetic selections to optimize phenotypes. <i>PLoS ONE</i> , 2007 , 2, e1200	3.7	
4	Chronic wasting disease of elk: transmissibility to humans examined by transgenic mouse models. <i>Journal of Neuroscience</i> , 2005 , 25, 7944-9	6.6	201
3	A bivariate zero-inflated negative binomial model and its applications to biomedical settings		2
2	FIREcaller: Detecting Frequently Interacting Regions from Hi-C Data		5
1	Dimensionality reduction by UMAP reinforces sample heterogeneity analysis in bulk transcriptomic data		1