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List of Publications by Year
in descending order

56 papers	**6,087** citations	172457 **29** h-index	149698 **56** g-index
64 all docs	**64** docs citations	**64** times ranked	**12332** citing authors

#	Article	IF	Citations
1	NCATS Inxight Drugs: a comprehensive and curated portal for translational research. Nucleic Acids Research, 2022, 50, D1307-D1316.	14.5	16
2	COMETS Analytics: An Online Tool for Analyzing and Meta-Analyzing Metabolomics Data in Large Research Consortia. American Journal of Epidemiology, 2022, 191, 147-158.	3.4	9
3	Using in vitro ADME data for lead compound selection: An emphasis on PAMPA pH 5 permeability and oral bioavailability. Bioorganic and Medicinal Chemistry, 2022, 56, 116588.	3.0	20
4	A Workflow of Integrated Resources to Catalyze Network Pharmacology Driven COVID-19 Research. Journal of Chemical Information and Modeling, 2022, 62, 718-729.	5.4	2
5	Saliva and Lung Microbiome Associations with Electronic Cigarette Use and Smoking. Cancer Prevention Research, 2022, 15, 435-446.	1.5	6
6	TCRD and Pharos 2021: mining the human proteome for disease biology. Nucleic Acids Research, 2021, 49, D1334-D1346.	14.5	109
7	Self-organizing maps with variable neighborhoods facilitate learning of chromatin accessibility signal shapes associated with regulatory elements. BMC Bioinformatics, 2021, 22, 35.	2.6	0
8	Network analyses in microbiome based on high-throughput multi-omics data. Briefings in Bioinformatics, 2021, 22, 1639-1655.	6.5	48
9	Effects of Electronic Cigarette Constituents on the Human Lung: A Pilot Clinical Trial. Cancer Prevention Research, 2020, 13, 145-152.	1.5	60
10	Biomarkers of Exposure and Effect in the Lungs of Smokers, Nonsmokers, and Electronic Cigarette Users. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 443-451.	2.5	43
11	Elucidation of Biological Networks across Complex Diseases Using Single-Cell Omics. Trends in Genetics, 2020, 36, 951-966.	6.7	23
12	Identification of transcription factor co-regulators that drive prostate cancer progression. Scientific Reports, 2020, 10, 20332.	3.3	19
13	MDM2-Dependent Rewiring of Metabolomic and Lipidomic Profiles in Dedifferentiated Liposarcoma Models. Cancers, 2020, 12, 2157.	3.7	9
14	Metabolomics and Multi-Omics Integration: A Survey of Computational Methods and Resources. Metabolites, 2020, 10, 202.	2.9	69
15	The International Conference on Intelligent Biology and Medicine 2019: computational methods for drug interactions. BMC Medical Informatics and Decision Making, 2020, 20, 51.	3.0	1
16	The International Conference on Intelligent Biology and Medicine 2019 (ICIBM 2019): computational methods and applications in medical genomics. BMC Medical Genomics, 2020, 13, 47.	1.5	1
17	Innovating Computational Biology and Intelligent Medicine: ICIBM 2019 Special Issue. Genes, 2020, 11, 437.	2.4	0
18	Metabolomics Analytics Workflow for Epidemiological Research: Perspectives from the Consortium of Metabolomics Studies (COMETS). Metabolites, 2019, 9, 145.	2.9	30

#	Article	IF	Citations
19	The metaRbolomics Toolbox in Bioconductor and beyond. Metabolites, 2019, 9, 200.	2.9	64
20	Integration of Metabolomic and Other Omics Data in Population-Based Study Designs: An Epidemiological Perspective. Metabolites, 2019, 9, 117.	2.9	47
21	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. American Journal of Epidemiology, 2019, 188, 991-1012.	3.4	81
22	Integration of Metabolomics and Transcriptomics to Identify Gene-Metabolite Relationships Specific to Phenotype. Methods in Molecular Biology, 2019, 1928, 441-468.	0.9	7
23	The International Conference on Intelligent Biology and Medicine (ICIBM) 2019: bioinformatics methods and applications for human diseases. BMC Bioinformatics, 2019, 20, 676.	2.6	3
24	Challenges in proteogenomics: a comparison of analysis methods with the case study of the DREAM proteogenomics sub-challenge. BMC Bioinformatics, 2019, 20, 669.	2.6	10
25	Electronic versus Combustible Cigarette Effects on Inflammasome Component Release into Human Lung. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 922-925.	5.6	28
26	BRD4 Profiling Identifies Critical Chronic Lymphocytic Leukemia Oncogenic Circuits and Reveals Sensitivity to PLX51107, a Novel Structurally Distinct BET Inhibitor. Cancer Discovery, 2018, 8, 458-477.	9.4	101
27	IntLIM: integration using linear models of metabolomics and gene expression data. BMC Bioinformatics, 2018, 19, 81.	2.6	34
28	The Omics Revolution Continues: The Maturation of High-Throughput Biological Data Sources. Yearbook of Medical Informatics, 2018, 27, 211-222.	1.0	21
29	Electronic Cigarettes and the Lung Proteome. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1350-1351.	5.6	1
30	RaMP: A Comprehensive Relational Database of Metabolomics Pathways for Pathway Enrichment Analysis of Genes and Metabolites. Metabolites, 2018, 8, 16.	2.9	32
31	Matchmaking in Bioinformatics. F1000Research, 2018, 7, 171.	1.6	2
32	ALTRE: workflow for defining ALTered Regulatory Elements using chromatin accessibility data. Bioinformatics, 2017, 33, 740-742.	4.1	3
33	Myc Regulates Chromatin Decompaction and Nuclear Architecture during B Cell Activation. Molecular Cell, 2017, 67, 566-578.e10.	9.7	174
34	A Review of Pulmonary Toxicity of Electronic Cigarettes in the Context of Smoking: A Focus on Inflammation. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1175-1191.	2.5	95
35	Experimental and Study Design Considerations for Uncovering Oncometabolites. Methods in Molecular Biology, 2017, 1513, 37-47.	0.9	2
36	Urinary Metabolite Risk Biomarkers of Lung Cancer: A Prospective Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 978-986.	2.5	44

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37	An Integrated Prognostic Classifier for Stage I Lung Adenocarcinoma Based on mRNA, microRNA, and DNA Methylation Biomarkers. Journal of Thoracic Oncology, 2015, 10, 1037-1048.	1.1	103
38	MYC-driven accumulation of 2-hydroxyglutarate is associated with breast cancer prognosis. Journal of Clinical Investigation, 2014, 124, 398-412.	8.2	348
39	Noninvasive Urinary Metabolomic Profiling Identifies Diagnostic and Prognostic Markers in Lung Cancer. Cancer Research, 2014, 74, 3259-3270.	0.9	140
40	B Cell Super-Enhancers and Regulatory Clusters Recruit AID Tumorigenic Activity. Cell, 2014, 159, 1524-1537.	28.9	234
41	Interactome Maps of Mouse Gene Regulatory Domains Reveal Basic Principles of Transcriptional Regulation. Cell, 2013, 155, 1507-1520.	28.9	299
42	microRNA and inflammatory gene expression as prognostic marker for overall survival in esophageal squamous cell carcinoma. International Journal of Cancer, 2013, 132, 2901-2909.	5.1	44
43	DNA damage defines sites of recurrent chromosomal translocations in B lymphocytes. Nature, 2012, 484, 69-74.	27.8	186
44	Inflammation regulates microRNA expression in cooperation with p53 and nitric oxide. International Journal of Cancer, 2012, 131, 760-765.	5.1	48
45	The Association of MicroRNA Expression with Prognosis and Progression in Early-Stage, Non–Small Cell Lung Adenocarcinoma: A Retrospective Analysis of Three Cohorts. Clinical Cancer Research, 2011, 17, 1875-1882.	7.0	187
46	Inflammatory and MicroRNA Gene Expression as Prognostic Classifier of Barrett's-Associated Esophageal Adenocarcinoma. Clinical Cancer Research, 2010, 16, 5824-5834.	7.0	62
47	Modeling the functional consequences of single residue replacements in bacteriophage f1 gene V protein. Protein Engineering, Design and Selection, 2009, 22, 665-671.	2.1	5
48	MicroRNA Expression in Squamous Cell Carcinoma and Adenocarcinoma of the Esophagus: Associations with Survival. Clinical Cancer Research, 2009, 15, 6192-6200.	7.0	347
49	Association of Inflammation-Related and microRNA Gene Expression with Cancer-Specific Mortality of Colon Adenocarcinoma. Clinical Cancer Research, 2009, 15, 5878-5887.	7.0	171
50	p53 isoforms Î”133p53 and p53Î² are endogenous regulators of replicative cellular senescence. Nature Cell Biology, 2009, 11, 1135-1142.	10.3	276
51	MiR-21 is an EGFR-regulated anti-apoptotic factor in lung cancer in never-smokers. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12085-12090.	7.1	488
52	Structure Based Functional Analysis of Bacteriophage f1 Gene V Protein. , 2008, , .		2
53	Nitric Oxide Is a Key Component in Inflammation-Accelerated Tumorigenesis. Cancer Research, 2008, 68, 7130-7136.	0.9	97
54	Impact of mutant p53 functional properties on *TP53* mutation patterns and tumor phenotype: lessons from recent developments in the IARC TP53 database. Human Mutation, 2007, 28, 622-629.	2.5	1,441

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55	Predicting the transactivation activity of p53 missense mutants using a four-body potential score derived from Delaunay tessellations. Human Mutation, 2006, 27, 163-172.	2.5	21
56	Computational approaches for predicting the biological effect of p53 missense mutations: a comparison of three sequence analysis based methods. Nucleic Acids Research, 2006, 34, 1317-1325.	14.5	295