

# Hao Wu

## List of Publications by Year in descending order

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238  
papers

32,852  
citations

7551

77  
h-index

4870

168  
g-index

276  
all docs

276  
docs citations

276  
times ranked

43753  
citing authors

#	ARTICLE	IF	CITATIONS
1	R/qtI: QTL mapping in experimental crosses. <i>Bioinformatics</i> , 2003, 19, 889-890.	1.8	3,197
2	Inflammasome-activated gasdermin D causes pyroptosis by forming membrane pores. <i>Nature</i> , 2016, 535, 153-158.	13.7	2,143
3	Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure. <i>Cell</i> , 2016, 165, 1238-1254.	13.5	1,680
4	Unified Polymerization Mechanism for the Assembly of ASC-Dependent Inflammasomes. <i>Cell</i> , 2014, 156, 1193-1206.	13.5	1,035
5	Increased methylation variation in epigenetic domains across cancer types. <i>Nature Genetics</i> , 2011, 43, 768-775.	9.4	968
6	Reversing DNA Methylation: Mechanisms, Genomics, and Biological Functions. <i>Cell</i> , 2014, 156, 45-68.	13.5	914
7	Gasdermin E suppresses tumour growth by activating anti-tumour immunity. <i>Nature</i> , 2020, 579, 415-420.	13.7	900
8	The Pore-Forming Protein Gasdermin D Regulates Interleukin-1 Secretion from Living Macrophages. <i>Immunity</i> , 2018, 48, 35-44.e6.	6.6	789
9	5-hmC-mediated epigenetic dynamics during postnatal neurodevelopment and aging. <i>Nature Neuroscience</i> , 2011, 14, 1607-1616.	7.1	746
10	Pathogen blockade of TAK1 triggers caspase-8-dependent cleavage of gasdermin D and cell death. <i>Science</i> , 2018, 362, 1064-1069.	6.0	639
11	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. <i>Nature Immunology</i> , 2020, 21, 736-745.	7.0	555
12	Large histone H3 lysine 9 dimethylated chromatin blocks distinguish differentiated from embryonic stem cells. <i>Nature Genetics</i> , 2009, 41, 246-250.	9.4	540
13	Genome-wide Profiling of 5-Formylcytosine Reveals Its Roles in Epigenetic Priming. <i>Cell</i> , 2013, 153, 678-691.	13.5	502
14	Structural mechanism for NEK7-licensed activation of NLRP3 inflammasome. <i>Nature</i> , 2019, 570, 338-343.	13.7	467
15	Genome-wide Analysis Reveals TET- and TDG-Dependent 5-Methylcytosine Oxidation Dynamics. <i>Cell</i> , 2013, 153, 692-706.	13.5	440
16	An endogenous caspase-11 ligand elicits interleukin-1 release from living dendritic cells. <i>Science</i> , 2016, 352, 1232-1236.	6.0	419
17	Long-Lived Plasma Cells Are Contained within the CD19 <sup>hi</sup> CD38 <sup>hi</sup> CD138 <sup>+</sup> Subset in Human Bone Marrow. <i>Immunity</i> , 2015, 43, 132-145.	6.6	415
18	A Bayesian hierarchical model to detect differentially methylated loci from single nucleotide resolution sequencing data. <i>Nucleic Acids Research</i> , 2014, 42, e69-e69.	6.5	405

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19	Comprehensive high-throughput arrays for relative methylation (CHARM). <i>Genome Research</i> , 2008, 18, 780-790.	2.4	379
20	Epigenomic reprogramming during pancreatic cancer progression links anabolic glucose metabolism to distant metastasis. <i>Nature Genetics</i> , 2017, 49, 367-376.	9.4	365
21	Hydrolysis of 2 $\beta$ -cGAMP by ENPP1 and design of nonhydrolyzable analogs. <i>Nature Chemical Biology</i> , 2014, 10, 1043-1048.	3.9	348
22	Cryo-EM structure of the activated NAIP2-NLRC4 inflammasome reveals nucleated polymerization. <i>Science</i> , 2015, 350, 404-409.	6.0	347
23	Genome-scale epigenetic reprogramming during epithelial-to-mesenchymal transition. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 867-874.	3.6	340
24	Differential methylation analysis for BS-seq data under general experimental design. <i>Bioinformatics</i> , 2016, 32, 1446-1453.	1.8	336
25	Channelling inflammation: gasdermins in physiology and disease. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 384-405.	21.5	323
26	Fc $\gamma$ R-mediated SARS-CoV-2 infection of monocytes activates inflammation. <i>Nature</i> , 2022, 606, 576-584.	13.7	314
27	The Structure and Dynamics of Higher-Order Assemblies: Amyloids, Signalosomes, and Granules. <i>Cell</i> , 2016, 165, 1055-1066.	13.5	311
28	Cryo-EM structure of the gasdermin A3 membrane pore. <i>Nature</i> , 2018, 557, 62-67.	13.7	301
29	Gasdermin D pore structure reveals preferential release of mature interleukin-1. <i>Nature</i> , 2021, 593, 607-611.	13.7	298
30	Kdm2b maintains murine embryonic stem cell status by recruiting PRC1 complex to CpG islands of developmental genes. <i>Nature Cell Biology</i> , 2013, 15, 373-384.	4.6	292
31	Epitranscriptomic m6A Regulation of Axon Regeneration in the Adult Mammalian Nervous System. <i>Neuron</i> , 2018, 97, 313-325.e6.	3.8	292
32	Higher-Order Assemblies in a New Paradigm of Signal Transduction. <i>Cell</i> , 2013, 153, 287-292.	13.5	291
33	U1 small nuclear ribonucleoprotein complex and RNA splicing alterations in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16562-16567.	3.3	268
34	The ubiquitin-modifying enzyme A20 restricts ubiquitination of the kinase RIPK3 and protects cells from necroptosis. <i>Nature Immunology</i> , 2015, 16, 618-627.	7.0	224
35	A Specific LSD1/KDM1A Isoform Regulates Neuronal Differentiation through H3K9 Demethylation. <i>Molecular Cell</i> , 2015, 57, 957-970.	4.5	221
36	Active Pin1 is a key target of all-trans retinoic acid in acute promyelocytic leukemia and breast cancer. <i>Nature Medicine</i> , 2015, 21, 457-466.	15.2	220

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37	HDAC6 mediates an aggresome-like mechanism for NLRP3 and pyrin inflammasome activation. <i>Science</i> , 2020, 369, .	6.0	218
38	The Structure of the Necrosome RIPK1-RIPK3 Core, a Human Hetero-Amyloid Signaling Complex. <i>Cell</i> , 2018, 173, 1244-1253.e10.	13.5	216
39	An Acetylation Switch of the NLRP3 Inflammasome Regulates Aging-Associated Chronic Inflammation and Insulin Resistance. <i>Cell Metabolism</i> , 2020, 31, 580-591.e5.	7.2	213
40	A new shrinkage estimator for dispersion improves differential expression detection in RNA-seq data. <i>Biostatistics</i> , 2013, 14, 232-243.	0.9	210
41	Inflammasome activation at the crux of severe COVID-19. <i>Nature Reviews Immunology</i> , 2021, 21, 694-703.	10.6	210
42	Detection of differentially methylated regions from whole-genome bisulfite sequencing data without replicates. <i>Nucleic Acids Research</i> , 2015, 43, gkv715.	6.5	203
43	Reactivation of PTEN tumor suppressor for cancer treatment through inhibition of a MYC-WWP1 inhibitory pathway. <i>Science</i> , 2019, 364, .	6.0	194
44	DNA N6-methyladenine is dynamically regulated in the mouse brain following environmental stress. <i>Nature Communications</i> , 2017, 8, 1122.	5.8	182
45	Inhibition of ileal bile acid uptake protects against nonalcoholic fatty liver disease in high-fat diet-fed mice. <i>Science Translational Medicine</i> , 2016, 8, 357ra122.	5.8	160
46	Genome-wide DNA hydroxymethylation changes are associated with neurodevelopmental genes in the developing human cerebellum. <i>Human Molecular Genetics</i> , 2012, 21, 5500-5510.	1.4	157
47	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. <i>Nucleic Acids Research</i> , 2016, 44, 8610-8620.	6.5	155
48	Molecular Mechanism of V(D)J Recombination from Synaptic RAG1-RAG2 Complex Structures. <i>Cell</i> , 2015, 163, 1138-1152.	13.5	154
49	Redefining CpG islands using hidden Markov models. <i>Biostatistics</i> , 2010, 11, 499-514.	0.9	151
50	Inhibition of histone lysine-specific demethylase 1 elicits breast tumor immunity and enhances antitumor efficacy of immune checkpoint blockade. <i>Oncogene</i> , 2019, 38, 390-405.	2.6	149
51	Ruxolitinib reverses dysregulated T helper cell responses and controls autoimmunity caused by a novel signal transducer and activator of transcription 1 (STAT1) gain-of-function mutation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1629-1640.e2.	1.5	147
52	A single domain antibody fragment that recognizes the adaptor ASC defines the role of ASC domains in inflammasome assembly. <i>Journal of Experimental Medicine</i> , 2016, 213, 771-790.	4.2	145
53	Single-base resolution analysis of active DNA demethylation using methylase-assisted bisulfite sequencing. <i>Nature Biotechnology</i> , 2014, 32, 1231-1240.	9.4	139
54	AID Recognizes Structured DNA for Class Switch Recombination. <i>Molecular Cell</i> , 2017, 67, 361-373.e4.	4.5	136

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55	Molecular basis of caspase-1 polymerization and its inhibition by a new capping mechanism. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 416-425.	3.6	135
56	Structural Basis and Functional Role of Intramembrane Trimerization of the Fas/CD95 Death Receptor. <i>Molecular Cell</i> , 2016, 61, 602-613.	4.5	135
57	Cell-Cycle Control of Developmentally Regulated Transcription Factors Accounts for Heterogeneity in Human Pluripotent Cells. <i>Stem Cell Reports</i> , 2013, 1, 532-544.	2.3	129
58	Structures and gating mechanism of human TRPM2. <i>Science</i> , 2018, 362, .	6.0	129
59	Fragile X mental retardation protein modulates the stability of its m6A-marked messenger RNA targets. <i>Human Molecular Genetics</i> , 2018, 27, 3936-3950.	1.4	129
60	Cryo-EM Structure of Caspase-8 Tandem DED Filament Reveals Assembly and Regulation Mechanisms of the Death-Inducing Signaling Complex. <i>Molecular Cell</i> , 2016, 64, 236-250.	4.5	128
61	NLRP3 cages revealed by full-length mouse NLRP3 structure control pathway activation. <i>Cell</i> , 2021, 184, 6299-6312.e22.	13.5	120
62	Gasdermin D activity in inflammation and host defense. <i>Science Immunology</i> , 2019, 4, .	5.6	119
63	R/qtlbim: QTL with Bayesian Interval Mapping in experimental crosses. <i>Bioinformatics</i> , 2007, 23, 641-643.	1.8	115
64	DPP9 sequesters the CÂterminus of NLRP1 to repress inflammasome activation. <i>Nature</i> , 2021, 592, 778-783.	13.7	114
65	Estimating and accounting for tumor purity in the analysis of DNA methylation data from cancer studies. <i>Genome Biology</i> , 2017, 18, 17.	3.8	112
66	IRAK4 Dimerization and trans -Autophosphorylation Are Induced by Myddosome Assembly. <i>Molecular Cell</i> , 2014, 55, 891-903.	4.5	108
67	Higher-Order Clustering of the Transmembrane Anchor of DR5 Drives Signaling. <i>Cell</i> , 2019, 176, 1477-1489.e14.	13.5	104
68	Sunitinib for the treatment of progressive kaposiform hemangioendothelioma: A multicenter retrospective study. <i>International Journal of Cancer</i> , 2017, 141, 848-855.	2.3	103
69	Cryo-EM structures of ASC and NLRC4 CARD filaments reveal a unified mechanism of nucleation and activation of caspase-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10845-10852.	3.3	103
70	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. <i>Molecular Cell</i> , 2018, 69, 566-580.e5.	4.5	102
71	HMMR Maintains the Stemness and Tumorigenicity of Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2014, 74, 3168-3179.	0.4	101
72	NanoStringDiff: a novel statistical method for differential expression analysis based on NanoString nCounter data. <i>Nucleic Acids Research</i> , 2016, 44, gkw677.	6.5	100

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73	Mechanism and Regulation of Gasdermin-Mediated Cell Death. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a036400.	2.3	100
74	Phase separation drives RNA virus-induced activation of the NLRP6 inflammasome. <i>Cell</i> , 2021, 184, 5759-5774.e20.	13.5	97
75	The nuclear matrix protein HNRNPU maintains 3D genome architecture globally in mouse hepatocytes. <i>Genome Research</i> , 2018, 28, 192-202.	2.4	91
76	Structure of cytoplasmic ring of nuclear pore complex by integrative cryo-EM and AlphaFold. <i>Science</i> , 2022, 376, .	6.0	89
77	Characterization of T and B cell repertoire diversity in patients with RAG deficiency. <i>Science Immunology</i> , 2016, 1, .	5.6	88
78	Structures of a Complete Human V-ATPase Reveal Mechanisms of Its Assembly. <i>Molecular Cell</i> , 2020, 80, 501-511.e3.	4.5	88
79	Subtelomeric hotspots of aberrant 5-hydroxymethylcytosine-mediated epigenetic modifications during reprogramming to pluripotency. <i>Nature Cell Biology</i> , 2013, 15, 700-711.	4.6	87
80	Assembly mechanism of the CARMA1â€“BCL10â€“MALT1â€“TRAF6 signalosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1499-1504.	3.3	87
81	SERPINB1-mediated checkpoint of inflammatory caspase activation. <i>Nature Immunology</i> , 2019, 20, 276-287.	7.0	87
82	Molecular mechanism for NLRP6 inflammasome assembly and activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2052-2057.	3.3	86
83	Zika virus directly infects peripheral neurons and induces cell death. <i>Nature Neuroscience</i> , 2017, 20, 1209-1212.	7.1	85
84	METTL4 is an snRNA m6Am methyltransferase that regulates RNA splicing. <i>Cell Research</i> , 2020, 30, 544-547.	5.7	84
85	Plasticity in PYD assembly revealed by cryo-EM structure of the PYD filament of AIM2. <i>Cell Discovery</i> , 2015, 1, .	3.1	83
86	A genome-wide profiling of brain DNA hydroxymethylation in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 674-688.	0.4	83
87	Role of endoplasmic reticulum stress signalling in diabetic endothelial dysfunction and atherosclerosis. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 14-23.	0.9	83
88	Ten-eleven translocation 2 interacts with forkhead box O3 and regulates adult neurogenesis. <i>Nature Communications</i> , 2017, 8, 15903.	5.8	82
89	PROPER: comprehensive power evaluation for differential expression using RNA-seq. <i>Bioinformatics</i> , 2015, 31, 233-241.	1.8	80
90	NLRP3 Inflammasome Assembly in Neutrophils Is Supported by PAD4 and Promotes NETosis Under Sterile Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 683803.	2.2	79

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91	Fragile X premutation RNA is sufficient to cause primary ovarian insufficiency in mice. <i>Human Molecular Genetics</i> , 2012, 21, 5039-5047.	1.4	78
92	Lin28A Binds Active Promoters and Recruits Tet1 to Regulate Gene Expression. <i>Molecular Cell</i> , 2016, 61, 153-160.	4.5	74
93	Cryo-EM structure of the DNA-PK holoenzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7367-7372.	3.3	74
94	Active N6-Methyladenine Demethylation by DMAD Regulates Gene Expression by Coordinating with Polycomb Protein in Neurons. <i>Molecular Cell</i> , 2018, 71, 848-857.e6.	4.5	71
95	Cryo-EM structure of an activated GPCR-G protein complex in lipid nanodiscs. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 258-267.	3.6	71
96	Dedicator of cytokinesis 8 regulates signal transducer and activator of transcription 3 activation and promotes TH17 cell differentiation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1384-1394.e2.	1.5	70
97	The Inflammasome Adaptor ASC Induces Procaspase-8 Death Effector Domain Filaments. <i>Journal of Biological Chemistry</i> , 2015, 290, 29217-29230.	1.6	69
98	Peptidoglycan-Sensing Receptors Trigger the Formation of Functional Amyloids of the Adaptor Protein Imd to Initiate <i>Drosophila</i> NF- $\kappa$ B Signaling. <i>Immunity</i> , 2017, 47, 635-647.e6.	6.6	63
99	Modeling Parkinson's disease in monkeys for translational studies, a critical analysis. <i>Experimental Neurology</i> , 2014, 256, 133-143.	2.0	62
100	Crystal structure of the WD40 domain dimer of LRRK2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1579-1584.	3.3	60
101	Crystal structure of human IRAK1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13507-13512.	3.3	59
102	The hierarchical structural architecture of inflammasomes, supramolecular inflammatory machines. <i>Current Opinion in Structural Biology</i> , 2015, 31, 75-83.	2.6	58
103	Targeting stem-loop 1 of the SARS-CoV-2 5' UTR to suppress viral translation and Nsp1 evasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	56
104	Eating the Dead to Keep Atherosclerosis at Bay. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 2.	1.1	54
105	HDAC5-LSD1 axis regulates antineoplastic effect of natural HDAC inhibitor sulforaphane in human breast cancer cells. <i>International Journal of Cancer</i> , 2018, 143, 1388-1401.	2.3	54
106	TRPM2, linking oxidative stress and Ca <sup>2+</sup> permeation to NLRP3 inflammasome activation. <i>Current Opinion in Immunology</i> , 2020, 62, 131-135.	2.4	54
107	Multiple domain interfaces mediate SARM1 autoinhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	54
108	Structure of a microtubule-bound axonemal dynein. <i>Nature Communications</i> , 2021, 12, 477.	5.8	54

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109	Ectopic lipid accumulation: potential role in tubular injury and inflammation in diabetic kidney disease. <i>Clinical Science</i> , 2018, 132, 2407-2422.	1.8	53
110	A species-generalized probabilistic model-based definition of CpG islands. <i>Mammalian Genome</i> , 2009, 20, 674-80.	1.0	52
111	Genome-wide alteration of 5-hydroxymethylcytosine in a mouse model of fragile X-associated tremor/ataxia syndrome. <i>Human Molecular Genetics</i> , 2014, 23, 1095-1107.	1.4	52
112	Epsin deficiency promotes lymphangiogenesis through regulation of VEGFR3 degradation in diabetes. <i>Journal of Clinical Investigation</i> , 2018, 128, 4025-4043.	3.9	52
113	Crystal Structure of the F27G AIM2 PYD Mutant and Similarities of Its Self-Association to DED/DED Interactions. <i>Journal of Molecular Biology</i> , 2014, 426, 1420-1427.	2.0	51
114	Specific covalent inhibition of MALT1 paracaspase suppresses B cell lymphoma growth. <i>Journal of Clinical Investigation</i> , 2018, 128, 4397-4412.	3.9	51
115	Predicting tumor purity from methylation microarray data. <i>Bioinformatics</i> , 2015, 31, 3401-3405.	1.8	50
116	A novel statistical method for quantitative comparison of multiple ChIP-seq datasets. <i>Bioinformatics</i> , 2015, 31, 1889-1896.	1.8	48
117	Integrating Next-Generation Genomic Sequencing and Mass Spectrometry To Estimate Allele-Specific Protein Abundance in Human Brain. <i>Journal of Proteome Research</i> , 2017, 16, 3336-3347.	1.8	48
118	InfiniumPurify: An R package for estimating and accounting for tumor purity in cancer methylation research. <i>Genes and Diseases</i> , 2018, 5, 43-45.	1.5	48
119	Mechanism of filament formation in UPA-promoted CARD8 and NLRP1 inflammasomes. <i>Nature Communications</i> , 2021, 12, 189.	5.8	48
120	Dipeptidyl peptidase 9 sets a threshold for CARD8 inflammasome formation by sequestering its active C-terminal fragment. <i>Immunity</i> , 2021, 54, 1392-1404.e10.	6.6	47
121	Base-resolution methylation patterns accurately predict transcription factor bindings in vivo. <i>Nucleic Acids Research</i> , 2015, 43, 2757-2766.	6.5	46
122	Ten-Eleven Translocation Proteins Modulate the Response to Environmental Stress in Mice. <i>Cell Reports</i> , 2018, 25, 3194-3203.e4.	2.9	46
123	MacroH2A1 associates with nuclear lamina and maintains chromatin architecture in mouse liver cells. <i>Scientific Reports</i> , 2015, 5, 17186.	1.6	44
124	Mind Bomb Regulates Cell Death during TNF Signaling by Suppressing RIPK1's Cytotoxic Potential. <i>Cell Reports</i> , 2018, 23, 470-484.	2.9	42
125	TOAST: improving reference-free cell composition estimation by cross-cell type differential analysis. <i>Genome Biology</i> , 2019, 20, 190.	3.8	42
126	Myeloid-Specific Deletion of Epsins 1 and 2 Reduces Atherosclerosis by Preventing LRP-1 Downregulation. <i>Circulation Research</i> , 2019, 124, e6-e19.	2.0	41



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127	Euchromatin islands in large heterochromatin domains are enriched for CTCF binding and differentially DNA-methylated regions. <i>BMC Genomics</i> , 2012, 13, 566.	1.2	40
128	Mapping the Broad Structural and Mechanical Properties of Amyloid Fibrils. <i>Biophysical Journal</i> , 2017, 112, 584-594.	0.2	40
129	DNA melting initiates the RAG catalytic pathway. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 732-742.	3.6	40
130	Selective Targeting of a Novel Epsin-VEGFR2 Interaction Promotes VEGF-Mediated Angiogenesis. <i>Circulation Research</i> , 2016, 118, 957-969.	2.0	35
131	Dissecting differential signals in high-throughput data from complex tissues. <i>Bioinformatics</i> , 2019, 35, 3898-3905.	1.8	35
132	Disease prediction by cell-free DNA methylation. <i>Briefings in Bioinformatics</i> , 2019, 20, 585-597.	3.2	35
133	CG14906 ( <i>mettl4</i> ) mediates m6A methylation of U2 snRNA in <i>Drosophila</i> . <i>Cell Discovery</i> , 2020, 6, 44.	3.1	35
134	Structures and functions of the inflammasome engine. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2021-2029.	1.5	35
135	Two-phase differential expression analysis for single cell RNA-seq. <i>Bioinformatics</i> , 2018, 34, 3340-3348.	1.8	34
136	Mechanism of ubiquitin transfer promoted by TRAF6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1783-1788.	3.3	34
137	Functional characterization of lysine-specific demethylase 2 ( <i>LSD2/KDM1B</i> ) in breast cancer progression. <i>Oncotarget</i> , 2017, 8, 81737-81753.	0.8	34
138	BTK operates a phospho-tyrosine switch to regulate NLRP3 inflammasome activity. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	33
139	TRIM21 regulates pyroptotic cell death by promoting Gasdermin D oligomerization. <i>Cell Death and Differentiation</i> , 2022, 29, 439-450.	5.0	33
140	Reply to "Reassessing the abundance of H3K9me2 chromatin domains in embryonic stem cells". <i>Nature Genetics</i> , 2010, 42, 5-6.	9.4	32
141	Accounting for tumor purity improves cancer subtype classification from DNA methylation data. <i>Bioinformatics</i> , 2017, 33, 2651-2657.	1.8	32
142	Homogeneous Oligomers of Pro-apoptotic BAX Reveal Structural Determinants of Mitochondrial Membrane Permeabilization. <i>Molecular Cell</i> , 2020, 79, 68-83.e7.	4.5	32
143	Disulfiram use is associated with lower risk of COVID-19: A retrospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0259061.	1.1	32
144	Intensity normalization improves color calling in SOLiD sequencing. <i>Nature Methods</i> , 2010, 7, 336-337.	9.0	31

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145	Deletion of Atbf1/Zfhx3 In Mouse Prostate Causes Neoplastic Lesions, Likely by Attenuation of Membrane and Secretory Proteins and Multiple Signaling Pathways. <i>Neoplasia</i> , 2014, 16, 377-389.	2.3	31
146	Plasmodium knowlesi gene expression differs in ex vivo compared to in vitro blood-stage cultures. <i>Malaria Journal</i> , 2015, 14, 110.	0.8	31
147	Accurate feature selection improves single-cell RNA-seq cell clustering. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	31
148	Base-resolution profiling of active DNA demethylation using MAB-seq and caMAB-seq. <i>Nature Protocols</i> , 2016, 11, 1081-1100.	5.5	30
149	Modulation of virus-induced NF- $\kappa$ B signaling by NEMO coiled coil mimics. <i>Nature Communications</i> , 2020, 11, 1786.	5.8	30
150	Could AlphaFold revolutionize chemical therapeutics?. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 771-772.	3.6	30
151	Overlapping euchromatin/heterochromatin-associated marks are enriched in imprinted gene regions and predict allele-specific modification. <i>Genome Research</i> , 2008, 18, 1806-1813.	2.4	29
152	5-Hydroxymethylcytosine alterations in the human postmortem brains of autism spectrum disorder. <i>Human Molecular Genetics</i> , 2018, 27, 2955-2964.	1.4	28
153	Combined immunodeficiency caused by a loss-of-function mutation in DNA polymerase delta 1. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 391-401.e8.	1.5	28
154	LIN28 coordinately promotes nucleolar/ribosomal functions and represses the 2C-like transcriptional program in pluripotent stem cells. <i>Protein and Cell</i> , 2022, 13, 490-512.	4.8	28
155	Evidence for M1-Linked Polyubiquitin-Mediated Conformational Change in NEMO. <i>Journal of Molecular Biology</i> , 2017, 429, 3793-3800.	2.0	27
156	Local false discovery rate estimation using feature reliability in LC/MS metabolomics data. <i>Scientific Reports</i> , 2015, 5, 17221.	1.6	24
157	Epsin-mediated degradation of IP3R1 fuels atherosclerosis. <i>Nature Communications</i> , 2020, 11, 3984.	5.8	24
158	Higher-order assemblies in innate immune and inflammatory signaling: A general principle in cell biology. <i>Current Opinion in Cell Biology</i> , 2020, 63, 194-203.	2.6	24
159	SPARCLE, a p53-induced lncRNA, controls apoptosis after genotoxic stress by promoting PARP-1 cleavage. <i>Molecular Cell</i> , 2022, 82, 785-802.e10.	4.5	24
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