

Mark D Robinson

List of Publications by Year in descending order

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156
papers

74,519
citations

13865
67
h-index

9861
141
g-index

216
all docs

216
docs citations

216
times ranked

106983
citing authors

#	ARTICLE	IF	CITATIONS
1	<code>edgeR</code> : a Bioconductor package for differential expression analysis of digital gene expression data. <i>Bioinformatics</i> , 2010, 26, 139-140.	4.1	32,955
2	Comprehensive genomic characterization defines human glioblastoma genes and core pathways. <i>Nature</i> , 2008, 455, 1061-1068.	27.8	6,879
3	A scaling normalization method for differential expression analysis of RNA-seq data. <i>Genome Biology</i> , 2010, 11, R25.	9.6	6,234
4	Global landscape of protein complexes in the yeast <i>Saccharomyces cerevisiae</i> . <i>Nature</i> , 2006, 440, 637-643.	27.8	2,681
5	Differential analyses for RNA-seq: transcript-level estimates improve gene-level inferences. <i>F1000Research</i> , 2015, 4, 1521.	1.6	2,612
6	Systematic Genetic Analysis with Ordered Arrays of Yeast Deletion Mutants. <i>Science</i> , 2001, 294, 2364-2368.	12.6	1,946
7	Differential analyses for RNA-seq: transcript-level estimates improve gene-level inferences. <i>F1000Research</i> , 2015, 4, 1521.	1.6	1,848
8	Count-based differential expression analysis of RNA sequencing data using R and Bioconductor. <i>Nature Protocols</i> , 2013, 8, 1765-1786.	12.0	1,124
9	Small-sample estimation of negative binomial dispersion, with applications to SAGE data. <i>Biostatistics</i> , 2007, 9, 321-332.	1.5	939
10	Large-scale mapping of human protein-protein interactions by mass spectrometry. <i>Molecular Systems Biology</i> , 2007, 3, 89.	7.2	850
11	Moderated statistical tests for assessing differences in tag abundance. <i>Bioinformatics</i> , 2007, 23, 2881-2887.	4.1	777
12	Eleven grand challenges in single-cell data science. <i>Genome Biology</i> , 2020, 21, 31.	8.8	742
13	High-Throughput Mapping of a Dynamic Signaling Network in Mammalian Cells. <i>Science</i> , 2005, 307, 1621-1625.	12.6	651
14	From RNA-seq reads to differential expression results. <i>Genome Biology</i> , 2010, 11, 220.	9.6	603
15	Bias, robustness and scalability in single-cell differential expression analysis. <i>Nature Methods</i> , 2018, 15, 255-261.	19.0	592
16	High-dimensional single-cell analysis predicts response to anti-PD-1 immunotherapy. <i>Nature Medicine</i> , 2018, 24, 144-153.	30.7	564
17	FunSpec: a web-based cluster interpreter for yeast. <i>BMC Bioinformatics</i> , 2002, 3, 35.	2.6	367
18	Robustly detecting differential expression in RNA sequencing data using observation weights. <i>Nucleic Acids Research</i> , 2014, 42, e91-e91.	14.5	348

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19	High-Definition Macromolecular Composition of Yeast RNA-Processing Complexes. <i>Molecular Cell</i> , 2004, 13, 225-239.	9.7	345
20	Comparison of clustering methods for high-dimensional single-cell flow and mass cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 1084-1096.	1.5	321
21	Large-scale prediction of <i>Saccharomyces cerevisiae</i> gene function using overlapping transcriptional clusters. <i>Nature Genetics</i> , 2002, 31, 255-265.	21.4	313
22	CytoF workflow: Differential discovery in high-throughput high-dimensional cytometry datasets. <i>F1000Research</i> , 2017, 6, 748.	1.6	312
23	Genome-Wide Analysis of mRNA Stability Using Transcription Inhibitors and Microarrays Reveals Posttranscriptional Control of Ribosome Biogenesis Factors. <i>Molecular and Cellular Biology</i> , 2004, 24, 5534-5547.	2.3	310
24	ALT-803, an IL-15 superagonist, in combination with nivolumab in patients with metastatic non-small cell lung cancer: a non-randomised, open-label, phase 1b trial. <i>Lancet Oncology</i> , The, 2018, 19, 694-704.	10.7	310
25	Treatment of a metabolic liver disease by in vivo genome base editing in adult mice. <i>Nature Medicine</i> , 2018, 24, 1519-1525.	30.7	301
26	Compensation of Signal Spillover in Suspension and Imaging Mass Cytometry. <i>Cell Systems</i> , 2018, 6, 612-620.e5.	6.2	272
27	The functional landscape of mouse gene expression. <i>Journal of Biology</i> , 2004, 3, 21.	2.7	259
28	Maximizing mutagenesis with solubilized CRISPR-Cas9 ribonucleoprotein complexes.. <i>Development (Cambridge)</i> , 2016, 143, 2025-37.	2.5	244
29	CytoF workflow: differential discovery in high-throughput high-dimensional cytometry datasets. <i>F1000Research</i> , 2017, 6, 748.	1.6	244
30	muscat detects subpopulation-specific state transitions from multi-sample multi-condition single-cell transcriptomics data. <i>Nature Communications</i> , 2020, 11, 6077.	12.8	223
31	A Panoramic View of Yeast Noncoding RNA Processing. <i>Cell</i> , 2003, 113, 919-933.	28.9	222
32	edgeR for Differential RNA-seq and ChIP-seq Analysis: An Application to Stem Cell Biology. <i>Methods in Molecular Biology</i> , 2014, 1150, 45-79.	0.9	212
33	The synthetic genetic interaction spectrum of essential genes. <i>Nature Genetics</i> , 2005, 37, 1147-1152.	21.4	202
34	A systematic performance evaluation of clustering methods for single-cell RNA-seq data. <i>F1000Research</i> , 0, 7, 1141.	1.6	201
35	Comparison of methyl-DNA immunoprecipitation (MeDIP) and methyl-CpG binding domain (MBD) protein capture for genome-wide DNA methylation analysis reveal CpG sequence coverage bias. <i>Epigenetics</i> , 2011, 6, 34-44.	2.7	189
36	Regional Activation of the Cancer Genome by Long-Range Epigenetic Remodeling. <i>Cancer Cell</i> , 2013, 23, 9-22.	16.8	185

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37	Observation weights unlock bulk RNA-seq tools for zero inflation and single-cell applications. <i>Genome Biology</i> , 2018, 19, 24.	8.8	180
38	Doublet identification in single-cell sequencing data using scDblFinder. <i>F1000Research</i> , 0, 10, 979.	1.6	179
39	Consolidation of the cancer genome into domains of repressive chromatin by long-range epigenetic silencing (LRES) reduces transcriptional plasticity. <i>Nature Cell Biology</i> , 2010, 12, 235-246.	10.3	178
40	A comprehensive examination of Nanopore native RNA sequencing for characterization of complex transcriptomes. <i>Nature Communications</i> , 2019, 10, 3359.	12.8	164
41	Bisulfite sequencing of chromatin immunoprecipitated DNA (BisChIP-seq) directly informs methylation status of histone-modified DNA. <i>Genome Research</i> , 2012, 22, 1120-1127.	5.5	163
42	Methylome sequencing in triple-negative breast cancer reveals distinct methylation clusters with prognostic value. <i>Nature Communications</i> , 2015, 6, 5899.	12.8	162
43	diffcyt: Differential discovery in high-dimensional cytometry via high-resolution clustering. <i>Communications Biology</i> , 2019, 2, 183.	4.4	162
44	T-cell acute leukaemia exhibits dynamic interactions with bone marrow microenvironments. <i>Nature</i> , 2016, 538, 518-522.	27.8	159
45	A systematic performance evaluation of clustering methods for single-cell RNA-seq data. <i>F1000Research</i> , 2018, 7, 1141.	1.6	157
46	Identifying transcription factor functions and targets by phenotypic activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12045-12050.	7.1	156
47	Acetylation of H2A.Z is a key epigenetic modification associated with gene deregulation and epigenetic remodeling in cancer. <i>Genome Research</i> , 2012, 22, 307-321.	5.5	155
48	Reconstructing an Ancestral Mammalian Immune Supercomplex from a Marsupial Major Histocompatibility Complex. <i>PLoS Biology</i> , 2006, 4, e46.	5.6	150
49	CrisprVariants charts the mutation spectrum of genome engineering experiments. <i>Nature Biotechnology</i> , 2016, 34, 701-702.	17.5	149
50	Microbiota-Derived Hydrogen Fuels Salmonella Typhimurium Invasion of the Gut Ecosystem. <i>Cell Host and Microbe</i> , 2013, 14, 641-651.	11.0	145
51	A systematic performance evaluation of clustering methods for single-cell RNA-seq data. <i>F1000Research</i> , 2018, 7, 1141.	1.6	145
52	<scp>TCF</scp> / <scp>LEF</scp> dependent and independent transcriptional regulation of Wnt/ β -catenin target genes. <i>EMBO Journal</i> , 2019, 38, .	7.8	142
53	BAZ2A (TIP5) is involved in epigenetic alterations in prostate cancer and its overexpression predicts disease recurrence. <i>Nature Genetics</i> , 2015, 47, 22-30.	21.4	141
54	DRIMSeq: a Dirichlet-multinomial framework for multivariate count outcomes in genomics. <i>F1000Research</i> , 2016, 5, 1356.	1.6	139

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55	Covalent linkage of the DNA repair template to the CRISPR-Cas9 nuclease enhances homology-directed repair. <i>ELife</i> , 2018, 7, .	6.0	127
56	Male sex in houseflies is determined by <i>Mdmd</i> , a paralog of the generic splice factor gene <i>CWC22</i> . <i>Science</i> , 2017, 356, 642-645.	12.6	119
57	Isoform prefiltering improves performance of count-based methods for analysis of differential transcript usage. <i>Genome Biology</i> , 2016, 17, 12.	8.8	116
58	Essential guidelines for computational method benchmarking. <i>Genome Biology</i> , 2019, 20, 125.	8.8	114
59	An integrative strategy to identify the entire protein coding potential of prokaryotic genomes by proteogenomics. <i>Genome Research</i> , 2017, 27, 2083-2095.	5.5	112
60	Evaluation of affinity-based genome-wide DNA methylation data: Effects of CpG density, amplification bias, and copy number variation. <i>Genome Research</i> , 2010, 20, 1719-1729.	5.5	111
61	High-dimensional single-cell analysis reveals the immune signature of narcolepsy. <i>Journal of Experimental Medicine</i> , 2016, 213, 2621-2633.	8.5	106
62	FIRMA: a method for detection of alternative splicing from exon array data. <i>Bioinformatics</i> , 2008, 24, 1707-1714.	4.1	104
63	Absciscic acid is a substrate of the <i>ABC</i> transporter encoded by the durable wheat disease resistance gene <i>Lr34</i> . <i>New Phytologist</i> , 2019, 223, 853-866.	7.3	102
64	RNA Sequencing Data: Hitchhiker's Guide to Expression Analysis. <i>Annual Review of Biomedical Data Science</i> , 2019, 2, 139-173.	6.5	101
65	Chromothripsis-like patterns are recurring but heterogeneously distributed features in a survey of 22,347 cancer genome screens. <i>BMC Genomics</i> , 2014, 15, 82.	2.8	100
66	Statistical methods for detecting differentially methylated loci and regions. <i>Frontiers in Genetics</i> , 2014, 5, 324.	2.3	99
67	High-Resolution Genetic Mapping With Ordered Arrays of <i>Saccharomyces cerevisiae</i> Deletion Mutants. <i>Genetics</i> , 2002, 162, 1091-1099.	2.9	98
68	stageR: a general stage-wise method for controlling the gene-level false discovery rate in differential expression and differential transcript usage. <i>Genome Biology</i> , 2017, 18, 151.	8.8	97
69	Directed shotgun proteomics guided by saturated RNA-seq identifies a complete expressed prokaryotic proteome. <i>Genome Research</i> , 2013, 23, 1916-1927.	5.5	91
70	Doublet identification in single-cell sequencing data using scDblFinder. <i>F1000Research</i> , 0, 10, 979.	1.6	91
71	<i>Maleness-on-the-Y</i> (<i>MoY</i>) orchestrates male sex determination in major agricultural fruit fly pests. <i>Science</i> , 2019, 365, 1457-1460.	12.6	88
72	Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp. <i>Nature Communications</i> , 2019, 10, 1739.	12.8	73

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73	Circulating neutrophil subsets in advanced lung cancer patients exhibit unique immune signature and relate to prognosis. <i>FASEB Journal</i> , 2020, 34, 4204-4218.	0.5	70
74	Tandem repeat variation in human and great ape populations and its impact on gene expression divergence. <i>Genome Research</i> , 2015, 25, 1591-1599.	5.5	69
75	Repitools: an R package for the analysis of enrichment-based epigenomic data. <i>Bioinformatics</i> , 2010, 26, 1662-1663.	4.1	68
76	Discovery pipeline for epigenetically deregulated miRNAs in cancer: integration of primary miRNA transcription. <i>BMC Genomics</i> , 2011, 12, 54.	2.8	67
77	Pro-inflammatory Aorta-Associated Macrophages Are Involved in Embryonic Development of Hematopoietic Stem Cells. <i>Immunity</i> , 2019, 50, 1439-1452.e5.	14.3	66
78	DRIMSeq: a Dirichlet-multinomial framework for multivariate count outcomes in genomics. <i>F1000Research</i> , 2016, 5, 1356.	1.6	66
79	A dynamic programming approach for the alignment of signal peaks in multiple gas chromatography-mass spectrometry experiments. <i>BMC Bioinformatics</i> , 2007, 8, 419.	2.6	64
80	A unique enhancer boundary complex on the mouse ribosomal RNA genes persists after loss of Rrn3 or UBF and the inactivation of RNA polymerase I transcription. <i>PLoS Genetics</i> , 2017, 13, e1006899.	3.5	61
81	pipeComp, a general framework for the evaluation of computational pipelines, reveals performant single cell RNA-seq preprocessing tools. <i>Genome Biology</i> , 2020, 21, 227.	8.8	61
82	DUSP4 deficiency caused by promoter hypermethylation drives JNK signaling and tumor cell survival in diffuse large B cell lymphoma. <i>Journal of Experimental Medicine</i> , 2015, 212, 775-792.	8.5	59
83	The hematopoietic oncoprotein FOXP1 promotes tumor cell survival in diffuse large B-cell lymphoma by repressing S1PR2 signaling. <i>Blood</i> , 2016, 127, 1438-1448.	1.4	59
84	Highly efficient DNA-free gene disruption in the agricultural pest <i>Ceratitis capitata</i> by CRISPR-Cas9 ribonucleoprotein complexes. <i>Scientific Reports</i> , 2017, 7, 10061.	3.3	59
85	CD8+ T cells retain protective functions despite sustained inhibitory receptor expression during Epstein-Barr virus infection in vivo. <i>PLoS Pathogens</i> , 2019, 15, e1007748.	4.7	57
86	Transcriptional networks: reverse-engineering gene regulation on a global scale. <i>Current Opinion in Microbiology</i> , 2004, 7, 638-646.	5.1	56
87	A comparison of Affymetrix gene expression arrays. <i>BMC Bioinformatics</i> , 2007, 8, 449.	2.6	52
88	Savant Genome Browser 2: visualization and analysis for population-scale genomics. <i>Nucleic Acids Research</i> , 2012, 40, W615-W621.	14.5	52
89	Loss of the Notch effector RBPJ promotes tumorigenesis. <i>Journal of Experimental Medicine</i> , 2015, 212, 37-52.	8.5	52
90	iCOBRA: open, reproducible, standardized and live method benchmarking. <i>Nature Methods</i> , 2016, 13, 283-283.	19.0	47

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91	The promise of functional genomics: completing the encyclopedia of a cell. <i>Current Opinion in Microbiology</i> , 2004, 7, 546-554.	5.1	44
92	Fibroblastic reticular cells initiate immune responses in visceral adipose tissues and secure peritoneal immunity. <i>Science Immunology</i> , 2018, 3, .	11.9	44
93	ARMOR: An Automated Reproducible Modular Workflow for Preprocessing and Differential Analysis of RNA-seq Data. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2089-2096.	1.8	44
94	Differential Gene Expression in the Siphonophore <i>Nanomia bijuga</i> (Cnidaria) Assessed with Multiple Next-Generation Sequencing Workflows. <i>PLoS ONE</i> , 2011, 6, e22953.	2.5	43
95	Epigenetic silencing of monoallelically methylated miRNA loci in precancerous colorectal lesions. <i>Oncogenesis</i> , 2013, 2, e56-e56.	4.9	43
96	Protocol matters: which methylome are you actually studying?. <i>Epigenomics</i> , 2010, 2, 587-598.	2.1	42
97	Common Features of Regulatory T Cell Specialization During Th1 Responses. <i>Frontiers in Immunology</i> , 2018, 9, 1344.	4.8	41
98	Towards unified quality verification of synthetic count data with <code>countsQC</code> . <i>Bioinformatics</i> , 2018, 34, 691-692.	4.1	40
99	Synaptic FUS accumulation triggers early misregulation of synaptic RNAs in a mouse model of ALS. <i>Nature Communications</i> , 2021, 12, 3027.	12.8	39
100	Genome-wide analysis of mouse transcripts using exon microarrays and factor graphs. <i>Nature Genetics</i> , 2005, 37, 991-996.	21.4	38
101	CyTOF workflow: differential discovery in high-throughput high-dimensional cytometry datasets. <i>F1000Research</i> , 0, 6, 748.	1.6	36
102	Definition and Characterization of a "Trypsinosome" from Specific Peptide Characteristics by Nano-HPLC-MS/MS and in Silico Analysis of Complex Protein Mixtures. <i>Journal of Proteome Research</i> , 2004, 3, 1138-1148.	3.7	33
103	Non-parent of Origin Expression of Numerous Effector Genes Indicates a Role of Gene Regulation in Host Adaption of the Hybrid Triticale Powdery Mildew Pathogen. <i>Frontiers in Plant Science</i> , 2018, 9, 49.	3.6	33
104	BayMeth: improved DNA methylation quantification for affinity capture sequencing data using a flexible Bayesian approach. <i>Genome Biology</i> , 2014, 15, R35.	9.6	29
105	Copy-number-aware differential analysis of quantitative DNA sequencing data. <i>Genome Research</i> , 2012, 22, 2489-2496.	5.5	28
106	Wnt inhibitory factor 1 (WIF1) is a marker of osteoblastic differentiation stage and is not silenced by DNA methylation in osteosarcoma. <i>Bone</i> , 2015, 73, 223-232.	2.9	27
107	DNA methylation profiles of elderly individuals subjected to indentured childhood labor and trauma. <i>BMC Medical Genetics</i> , 2017, 18, 21.	2.1	27
108	CellMixS: quantifying and visualizing batch effects in single-cell RNA-seq data. <i>Life Science Alliance</i> , 2021, 4, e202001004.	2.8	27

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109	Coordinated epigenetic remodelling of transcriptional networks occurs during early breast carcinogenesis. <i>Clinical Epigenetics</i> , 2015, 7, 52.	4.1	26
110	The Spinal Transcriptome after Cortical Stroke: In Search of Molecular Factors Regulating Spontaneous Recovery in the Spinal Cord. <i>Journal of Neuroscience</i> , 2019, 39, 4714-4726.	3.6	26
111	TNFR2 induced priming of the inflammasome leads to a RIPK1-dependent cell death in the absence of XIAP. <i>Cell Death and Disease</i> , 2019, 10, 700.	6.3	25
112	An R-based reproducible and user-friendly preprocessing pipeline for CyTOF data. <i>F1000Research</i> , 0, 9, 1263.	1.6	25
113	Relationship between genome and epigenome - challenges and requirements for future research. <i>BMC Genomics</i> , 2014, 15, 487.	2.8	24
114	De novo assembly and sex-specific transcriptome profiling in the sand fly <i>Phlebotomus perniciosus</i> (Diptera, Phlebotominae), a major Old World vector of <i>Leishmania infantum</i> . <i>BMC Genomics</i> , 2015, 16, 847.	2.8	23
115	miRNA-Seq normalization comparisons need improvement. <i>Rna</i> , 2013, 19, 733-734.	3.5	22
116	The proto CpG island methylator phenotype of sessile serrated adenomas/polyps. <i>Epigenetics</i> , 2018, 13, 1088-1105.	2.7	21
117	Are Epigenetic Factors Implicated in Chronic Widespread Pain?. <i>PLoS ONE</i> , 2016, 11, e0165548.	2.5	19
118	A junction coverage compatibility score to quantify the reliability of transcript abundance estimates and annotation catalogs. <i>Life Science Alliance</i> , 2019, 2, e201800175.	2.8	19
119	Small RNA-seq analysis of single porcine blastocysts revealed that maternal estradiol-17beta exposure does not affect miRNA isoform (isomiR) expression. <i>BMC Genomics</i> , 2018, 19, 590.	2.8	17
120	BANDITS: Bayesian differential splicing accounting for sample-to-sample variability and mapping uncertainty. <i>Genome Biology</i> , 2020, 21, 69.	8.8	17
121	Hand2 delineates mesothelium progenitors and is reactivated in mesothelioma. <i>Nature Communications</i> , 2022, 13, 1677.	12.8	17
122	Differential splicing using whole-transcript microarrays. <i>BMC Bioinformatics</i> , 2009, 10, 156.	2.6	16
123	TreeSummarizedExperiment: a S4 class for data with hierarchical structure. <i>F1000Research</i> , 2020, 9, 1246.	1.6	16
124	CytoF workflow: differential discovery in high-throughput high-dimensional cytometry datasets. <i>F1000Research</i> , 0, 6, 748.	1.6	16
125	Mammalian Annotation Database for improved annotation and functional classification of Omics datasets from less well-annotated organisms. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	13
126	DAMEfinder: a method to detect differential allele-specific methylation. <i>Epigenetics and Chromatin</i> , 2020, 13, 25.	3.9	13

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127	The DNA hypermethylation phenotype of colorectal cancer liver metastases resembles that of the primary colorectal cancers. BMC Cancer, 2020, 20, 290.	2.6	13
128	Active receptor tyrosine kinases, but not Brachyury, are sufficient to trigger chordoma in zebrafish. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	12
129	An Optimized Tissue Dissociation Protocol for Single-Cell RNA Sequencing Analysis of Fresh and Cultured Human Skin Biopsies. Frontiers in Cell and Developmental Biology, 2022, 10, 872688.	3.7	12
130	TreeSummarizedExperiment: a S4 class for data with hierarchical structure. F1000Research, 2020, 9, 1246.	1.6	11
131	Phase I Trial Characterizing the Pharmacokinetic Profile of N-803, a Chimeric IL-15 Superagonist, in Healthy Volunteers. Journal of Immunology, 2022, 208, 1362-1370.	0.8	11
132	MiR-CLIP reveals <i>iso</i> -miR selective regulation in the miR-124 targetome. Nucleic Acids Research, 2021, 49, 25-37.	14.5	10
133	Faithful mRNA splicing depends on the Prp19 complex subunit <i>faint sausage</i> and is required for tracheal branching morphogenesis in <i>Drosophila</i> . Development (Cambridge), 2017, 144, 657-663.	2.5	9
134	ReSeq simulates realistic Illumina high-throughput sequencing data. Genome Biology, 2021, 22, 67.	8.8	9
135	Computational epigenomics: challenges and opportunities. Frontiers in Genetics, 2015, 6, 88.	2.3	8
136	Shedding Light on the Transcriptomic Dark Matter in Biological Psychiatry: Role of Long Noncoding RNAs in D-cycloserine-Induced Fear Extinction in Posttraumatic Stress Disorder. OMICS A Journal of Integrative Biology, 2020, 24, 352-369.	2.0	7
137	treeclimbR pinpoints the data-dependent resolution of hierarchical hypotheses. Genome Biology, 2021, 22, 157.	8.8	7
138	Benchmarking comes of age. Genome Biology, 2019, 20, 205.	8.8	6
139	Targeting the autosomal Ceratitis capitata transformer gene using Cas9 or dCas9 to masculinize XX individuals without inducing mutations. BMC Genetics, 2020, 21, 150.	2.7	6
140	Mass cytometric and transcriptomic profiling of epithelial-mesenchymal transitions in human mammary cell lines. Scientific Data, 2022, 9, 44.	5.3	5
141	Differential Expression for RNA Sequencing (RNA-Seq) Data: Mapping, Summarization, Statistical Analysis, and Experimental Design. , 2012, , 169-190.		4
142	Do count-based differential expression methods perform poorly when genes are expressed in only one condition?. Genome Biology, 2015, 16, 222.	8.8	4
143	ARPEGGIO: Automated Reproducible Polyploid EpiGenetic Guidance workfOw. BMC Genomics, 2021, 22, 547.	2.8	4
144	MyMED: A database system for biomedical research on MEDLINE data. IBM Systems Journal, 2004, 43, 756-767.	3.0	3

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145	Analysis of Next Generation Sequencing Data Using Integrated Nested Laplace Approximation (INLA). , 2014, , 75-91.		3
146	A cis-regulatory element promoting increased transcription at low temperature in cultured ectothermic Drosophila cells. BMC Genomics, 2021, 22, 771.	2.8	3
147	Abstract 566: High dimensional single cell analysis predicts response to anti-PD-1 immunotherapy. , 2018, , .		2
148	Disentangling tumorigenesis-associated DNA methylation changes in colorectal tissues from those associated with ageing. Epigenetics, 2022, 17, 677-694.	2.7	1
149	Origin and Differentiation Trajectories of Fibroblastic Reticular Cells in the Splenic White Pulp. SSRN Electronic Journal, 0, , .	0.4	1
150	Abstract 4225: Is biomarker-driven precision medicine possible by using high dimensional augmented intelligence assisted analysis of cancer immune responses. , 2019, , .		1
151	A new bioinformatic pipeline allows the design of small, targeted gene panels for efficient TMB estimation. Annals of Oncology, 2019, 30, ii8.	1.2	0
152	Censcyt: censored covariates in differential abundance analysis in cytometry. BMC Bioinformatics, 2021, 22, 235.	2.6	0
153	pubassistant.ch: consolidating publication profiles of researchers. F1000Research, 2021, 10, 989.	1.6	0
154	Loss of the Notch effector RBPJ promotes tumorigenesis. Journal of Cell Biology, 2014, 207, 2076OIA225.	5.2	0
155	pubassistant.ch: consolidating publication profiles of researchers. F1000Research, 0, 10, 989.	1.6	0
156	pubassistant.ch: consolidating publication profiles of researchers. F1000Research, 0, 10, 989.	1.6	0