

Belinda Phipson

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

31,762
citations

201674

27
h-index

330143

37
g-index

50
all docs

50
docs citations

50
times ranked

59059
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	Robust hyperparameter estimation protects against hypervariable genes and improves power to detect differential expression. <i>Annals of Applied Statistics</i> , 2016, 10, 946-963.	1.1	764
3	Splatter: simulation of single-cell RNA sequencing data. <i>Genome Biology</i> , 2017, 18, 174.	8.8	626
4	missMethyl: an R package for analyzing data from Illumina's HumanMethylation450 platform. <i>Bioinformatics</i> , 2016, 32, 286-288.	4.1	573
5	Pro-Inflammatory CD11c+CD206+ Adipose Tissue Macrophages Are Associated With Insulin Resistance in Human Obesity. <i>Diabetes</i> , 2010, 59, 1648-1656.	0.6	521
6	Permutation P-values Should Never Be Zero: Calculating Exact P-values When Permutations Are Randomly Drawn. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2010, 9, Article39.	0.6	413
7	Exploring the single-cell RNA-seq analysis landscape with the scRNA-tools database. <i>PLoS Computational Biology</i> , 2018, 14, e1006245.	3.2	222
8	Targeting Antigen to Mouse Dendritic Cells via Clec9A Induces Potent CD4 T Cell Responses Biased toward a Follicular Helper Phenotype. <i>Journal of Immunology</i> , 2011, 187, 842-850.	0.8	208
9	Evaluation of variability in human kidney organoids. <i>Nature Methods</i> , 2019, 16, 79-87.	19.0	176
10	3D organoid-derived human glomeruli for personalised podocyte disease modelling and drug screening. <i>Nature Communications</i> , 2018, 9, 5167.	12.8	175
11	Aire regulates the transfer of antigen from mTECs to dendritic cells for induction of thymic tolerance. <i>Blood</i> , 2011, 118, 2462-2472.	1.4	174
12	Bcl-2, Bcl-xL, and Bcl-w are not equivalent targets of ABT-737 and navitoclax (ABT-263) in lymphoid and leukemic cells. <i>Blood</i> , 2012, 119, 5807-5816.	1.4	168
13	Patient-iPSC-Derived Kidney Organoids Show Functional Validation of a Ciliopathic Renal Phenotype and Reveal Underlying Pathogenetic Mechanisms. <i>American Journal of Human Genetics</i> , 2018, 102, 816-831.	6.2	157
14	Differentiation of human embryonic stem cells to HOXA+ hemogenic vasculature that resembles the aorta-gonad-mesonephros. <i>Nature Biotechnology</i> , 2016, 34, 1168-1179.	17.5	150
15	Single cell analysis of the developing mouse kidney provides deeper insight into marker gene expression and ligand-receptor crosstalk. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	123
16	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. <i>Blood</i> , 2010, 116, 731-739.	1.4	117
17	STRetch: detecting and discovering pathogenic short tandem repeat expansions. <i>Genome Biology</i> , 2018, 19, 121.	8.8	117
18	A cross-package Bioconductor workflow for analysing methylation array data. <i>F1000Research</i> , 2016, 5, 1281.	1.6	103

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19	A cross-package Bioconductor workflow for analysing methylation array data. F1000Research, 0, 5, 1281.	1.6	97
20	A cross-package Bioconductor workflow for analysing methylation array data. F1000Research, 2016, 5, 1281.	1.6	93
21	Maximal killing of lymphoma cells by DNA damage-inducing therapy requires not only the p53 targets Puma and Noxa, but also Bim. Blood, 2010, 116, 5256-5267.	1.4	87
22	DiffVar: a new method for detecting differential variability with application to methylation in cancer and aging. Genome Biology, 2014, 15, 465.	8.8	84
23	Gene length and detection bias in single cell RNA sequencing protocols. F1000Research, 2017, 6, 595.	1.6	76
24	Gene set enrichment analysis for genome-wide DNA methylation data. Genome Biology, 2021, 22, 173.	8.8	68
25	MOZ (MYST3, KAT6A) inhibits senescence via the INK4A-ARF pathway. Oncogene, 2015, 34, 5807-5820.	5.9	61
26	Proteomic and Metabolomic Analyses of Mitochondrial Complex I-deficient Mouse Model Generated by Spontaneous B2 Short Interspersed Nuclear Element (SINE) Insertion into NADH Dehydrogenase (Ubiquinone) Fe-S Protein 4 (Ndufs4) Gene. Journal of Biological Chemistry, 2012, 287, 20652-20663.	3.4	58
27	Functionally distinct roles for different miR-155 expression levels through contrasting effects on gene expression, in acute myeloid leukaemia. Leukemia, 2017, 31, 808-820.	7.2	46
28	Sex-Specific Control of Human Heart Maturation by the Progesterone Receptor. Circulation, 2021, 143, 1614-1628.	1.6	42
29	MOZ and BMI1 play opposing roles during <i>Hox</i> gene activation in ES cells and in body segment identity specification in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5437-5442.	7.1	28
30	Haploinsufficiency for the Six2 gene increases nephron progenitor proliferation promoting branching and nephron number. Kidney International, 2018, 93, 589-598.	5.2	27
31	Polycomb repressive complex 2 (PRC2) suppresses $E\frac{1}{4}$ -myc lymphoma. Blood, 2013, 122, 2654-2663.	1.4	26
32	Early Lineage Priming by Trisomy of Erg Leads to Myeloproliferation in a Down Syndrome Model. PLoS Genetics, 2015, 11, e1005211.	3.5	16
33	A recombination hotspot leads to sequence variability within a novel gene (AK005651) and contributes to type 1 diabetes susceptibility. Genome Research, 2010, 20, 1629-1638.	5.5	14
34	Molecular dissection of the pea shoot apical meristem*. Journal of Experimental Botany, 2009, 60, 4201-4213.	4.8	13
35	Murine hematopoietic blast colony-forming cells and their progeny have distinctive membrane marker profiles. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19102-19107.	7.1	9
36	Neither loss of Bik alone, nor combined loss of Bik and Noxa, accelerate murine lymphoma development or render lymphoma cells resistant to DNA damaging drugs. Cell Death and Disease, 2012, 3, e306-e306.	6.3	9

#	ARTICLE	IF	CITATIONS
37	Shifts in ovine cardiopulmonary microRNA expression in late gestation and the perinatal period. PLoS ONE, 2018, 13, e0204038.	2.5	3
38	The monocytic leukaemia zinc finger (MOZ) protein is a repressor of cellular senescence, and haploinsufficiency for MOZ increases survival 3-fold in the E1A-Myc lymphoma model. Experimental Hematology, 2013, 41, S54.	0.4	0
39	Modeling human hematopoiesis in pluripotent stem cells. Experimental Hematology, 2017, 53, S30.	0.4	0
40	The Dose-Dependent Effects of Microna-155 in Acute Myeloid Leukemia. Blood, 2016, 128, 2841-2841.	1.4	0