

Belinda Phipson

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

31,762
citations

201385

27
h-index

329751

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.	6.5	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.	0.5	764
3	Splatter: simulation of single-cell RNA sequencing data. <i>Genome Biology</i> , 2017, 18, 174.	3.8	626
4	missMethyl: an R package for analyzing data from Illumina's HumanMethylation450 platform. <i>Bioinformatics</i> , 2016, 32, 286-288.	1.8	573
5	Pro-Inflammatory CD11c+CD206+ Adipose Tissue Macrophages Are Associated With Insulin Resistance in Human Obesity. <i>Diabetes</i> , 2010, 59, 1648-1656.	0.3	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.	0.2	413
7	Exploring the single-cell RNA-seq analysis landscape with the scRNA-tools database. <i>PLoS Computational Biology</i> , 2018, 14, e1006245.	1.5	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.	0.4	208
9	Evaluation of variability in human kidney organoids. <i>Nature Methods</i> , 2019, 16, 79-87.	9.0	176
10	3D organoid-derived human glomeruli for personalised podocyte disease modelling and drug screening. <i>Nature Communications</i> , 2018, 9, 5167.	5.8	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.	0.6	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.	0.6	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.	2.6	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.	9.4	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, .	1.2	123
16	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. <i>Blood</i> , 2010, 116, 731-739.	0.6	117
17	STRetch: detecting and discovering pathogenic short tandem repeat expansions. <i>Genome Biology</i> , 2018, 19, 121.	3.8	117
18	A cross-package Bioconductor workflow for analysing methylation array data. <i>F1000Research</i> , 2016, 5, 1281.	0.8	103

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19	A cross-package Bioconductor workflow for analysing methylation array data. <i>F1000Research</i> , 0, 5, 1281.	0.8	97
20	A cross-package Bioconductor workflow for analysing methylation array data. <i>F1000Research</i> , 2016, 5, 1281.	0.8	93
21	Maximal killing of lymphoma cells by DNA damage-inducing therapy requires not only the p53 targets Puma and Noxa, but also Bim. <i>Blood</i> , 2010, 116, 5256-5267.	0.6	87
22	DiffVar: a new method for detecting differential variability with application to methylation in cancer and aging. <i>Genome Biology</i> , 2014, 15, 465.	3.8	84
23	Gene length and detection bias in single cell RNA sequencing protocols. <i>F1000Research</i> , 2017, 6, 595.	0.8	76
24	Gene set enrichment analysis for genome-wide DNA methylation data. <i>Genome Biology</i> , 2021, 22, 173.	3.8	68
25	MOZ (MYST3, KAT6A) inhibits senescence via the INK4A-ARF pathway. <i>Oncogene</i> , 2015, 34, 5807-5820.	2.6	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. <i>Journal of Biological Chemistry</i> , 2012, 287, 20652-20663.	1.6	58
27	Functionally distinct roles for different miR-155 expression levels through contrasting effects on gene expression, in acute myeloid leukaemia. <i>Leukemia</i> , 2017, 31, 808-820.	3.3	46
28	Sex-Specific Control of Human Heart Maturation by the Progesterone Receptor. <i>Circulation</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5437-5442.	3.3	28
30	Haploinsufficiency for the <i>Six2</i> gene increases nephron progenitor proliferation promoting branching and nephron number. <i>Kidney International</i> , 2018, 93, 589-598.	2.6	27
31	Polycomb repressive complex 2 (PRC2) suppresses $E\frac{1}{4}$ -myc lymphoma. <i>Blood</i> , 2013, 122, 2654-2663.	0.6	26
32	Early Lineage Priming by Trisomy of <i>Erg</i> Leads to Myeloproliferation in a Down Syndrome Model. <i>PLoS Genetics</i> , 2015, 11, e1005211.	1.5	16
33	A recombination hotspot leads to sequence variability within a novel gene (AK005651) and contributes to type 1 diabetes susceptibility. <i>Genome Research</i> , 2010, 20, 1629-1638.	2.4	14
34	Molecular dissection of the pea shoot apical meristem*. <i>Journal of Experimental Botany</i> , 2009, 60, 4201-4213.	2.4	13
35	Murine hematopoietic blast colony-forming cells and their progeny have distinctive membrane marker profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19102-19107.	3.3	9
36	Neither loss of <i>Bik</i> alone, nor combined loss of <i>Bik</i> and <i>Noxa</i> , accelerate murine lymphoma development or render lymphoma cells resistant to DNA damaging drugs. <i>Cell Death and Disease</i> , 2012, 3, e306-e306.	2.7	9

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37	Shifts in ovine cardiopulmonary microRNA expression in late gestation and the perinatal period. PLoS ONE, 2018, 13, e0204038.	1.1	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.	0.2	0
39	Modeling human hematopoiesis in pluripotent stem cells. Experimental Hematology, 2017, 53, S30.	0.2	0
40	The Dose-Dependent Effects of Microna-155 in Acute Myeloid Leukemia. Blood, 2016, 128, 2841-2841.	0.6	0