

David Bryder

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,429
citations

361045

20
h-index

233125

45
g-index

60
all docs

60
docs citations

60
times ranked

8019
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Flt3+ Lympho-Myeloid Stem Cells Lacking Erythro-Megakaryocytic Potential. <i>Cell</i> , 2005, 121, 295-306.	13.5	1,033
2	Cell intrinsic alterations underlie hematopoietic stem cell aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9194-9199.	3.3	972
3	Hematopoietic Stem Cells. <i>American Journal of Pathology</i> , 2006, 169, 338-346.	1.9	579
4	Functionally distinct hematopoietic stem cells modulate hematopoietic lineage potential during aging by a mechanism of clonal expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5465-5470.	3.3	578
5	Elucidation of the Phenotypic, Functional, and Molecular Topography of a Myeloerythroid Progenitor Cell Hierarchy. <i>Cell Stem Cell</i> , 2007, 1, 428-442.	5.2	565
6	Efficient Ablation of Genes in Human Hematopoietic Stem and Effector Cells using CRISPR/Cas9. <i>Cell Stem Cell</i> , 2014, 15, 643-652.	5.2	406
7	Gain-of-function SAMD9L mutations cause a syndrome of cytopenia, immunodeficiency, MDS, and neurological symptoms. <i>Blood</i> , 2017, 129, 2266-2279.	0.6	152
8	Human and Murine Hematopoietic Stem Cell Aging Is Associated with Functional Impairments and Intrinsic Megakaryocytic/Erythroid Bias. <i>PLoS ONE</i> , 2016, 11, e0158369.	1.1	102
9	HIF-1 α can act as a tumor suppressor gene in murine acute myeloid leukemia. <i>Blood</i> , 2014, 124, 3597-3607.	0.6	95
10	SAMD9 and SAMD9L in inherited predisposition to ataxia, pancytopenia, and myeloid malignancies. <i>Leukemia</i> , 2018, 32, 1106-1115.	3.3	89
11	Cellular Barcoding Links B-1a B Cell Potential to a Fetal Hematopoietic Stem Cell State at the Single-Cell Level. <i>Immunity</i> , 2016, 45, 346-357.	6.6	84
12	Murine HSCs contribute actively to native hematopoiesis but with reduced differentiation capacity upon aging. <i>ELife</i> , 2018, 7, .	2.8	77
13	Hepatic Leukemia Factor Maintains Quiescence of Hematopoietic Stem Cells and Protects the Stem Cell Pool during Regeneration. <i>Cell Reports</i> , 2017, 21, 3514-3523.	2.9	72
14	Molecular mechanisms underlying lineage bias in aging hematopoiesis. <i>Seminars in Hematology</i> , 2017, 54, 4-11.	1.8	58
15	Mitotic History Reveals Distinct Stem Cell Populations and Their Contributions to Hematopoiesis. <i>Cell Reports</i> , 2016, 14, 2809-2818.	2.9	55
16	Potential Pitfalls of the Mx1-Cre System: Implications for Experimental Modeling of Normal and Malignant Hematopoiesis. <i>Stem Cell Reports</i> , 2016, 7, 11-18.	2.3	53
17	Hematopoietic Stem Cells Are Intrinsically Protected against MLL-ENL-Mediated Transformation. <i>Cell Reports</i> , 2014, 9, 1246-1255.	2.9	47
18	Critical Modulation of Hematopoietic Lineage Fate by Hepatic Leukemia Factor. <i>Cell Reports</i> , 2017, 21, 2251-2263.	2.9	46

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19	Clonal reversal of ageing-associated stem cell lineage bias via a pluripotent intermediate. <i>Nature Communications</i> , 2017, 8, 14533.	5.8	36
20	Concise Review: Hematopoietic Stem Cell Aging and the Prospects for Rejuvenation. <i>Stem Cells Translational Medicine</i> , 2015, 4, 186-194.	1.6	31
21	Continuous mitotic activity of primitive hematopoietic stem cells in adult mice. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	25
22	Shaping up a lineage—lessons from B lymphopoiesis. <i>Current Opinion in Immunology</i> , 2010, 22, 148-153.	2.4	21
23	ZFP521 regulates murine hematopoietic stem cell function and facilitates MLL-AF9 leukemogenesis in mouse and human cells. <i>Blood</i> , 2017, 130, 619-624.	0.6	20
24	Dissection of progenitor compartments resolves developmental trajectories in B-lymphopoiesis. <i>Journal of Experimental Medicine</i> , 2018, 215, 1947-1963.	4.2	20
25	The efficiency of murine MLL-ENL-driven leukemia initiation changes with age and peaks during neonatal development. <i>Blood Advances</i> , 2019, 3, 2388-2399.	2.5	19
26	Chronic RPS19 Deficiency Leads to Bone Marrow Failure In a Mouse Model for Diamond-Blackfan Anemia. <i>Blood</i> , 2010, 116, 193-193.	0.6	18
27	SCExV: a webtool for the analysis and visualisation of single cell qRT-PCR data. <i>BMC Bioinformatics</i> , 2015, 16, 320.	1.2	17
28	The slippery slope of hematopoietic stem cell aging. <i>Experimental Hematology</i> , 2017, 56, 1-6.	0.2	15
29	Enhanced Cytokine Responsiveness Counteracts Age-Induced Decline in Hematopoietic Stem Cell Function. <i>Blood</i> , 2011, 118, 2342-2342.	0.6	15
30	Deciphering developmental stages of adult myelopoiesis. <i>Cell Cycle</i> , 2008, 7, 706-713.	1.3	14
31	Reconciling Flux Experiments for Quantitative Modeling of Normal and Malignant Hematopoietic Stem/Progenitor Dynamics. <i>Stem Cell Reports</i> , 2021, 16, 741-753.	2.3	13
32	Probing hematopoietic stem cell function using serial transplantation: Seeding characteristics and the impact of stem cell purification. <i>Experimental Hematology</i> , 2015, 43, 812-817.e1.	0.2	11
33	Developmental cues license megakaryocyte priming in murine hematopoietic stem cells. <i>Blood Advances</i> , 2022, 6, 6228-6241.	2.5	11
34	Hif-1 Δ Deletion May Lead to Adverse Treatment Effect in a Mouse Model of MLL-AF9-Driven AML. <i>Stem Cell Reports</i> , 2019, 12, 112-121.	2.3	10
35	Enhancing Hematopoiesis from Murine Embryonic Stem Cells through MLL1-Induced Activation of a Rac/Rho/Integrin Signaling Axis. <i>Stem Cell Reports</i> , 2020, 14, 285-299.	2.3	8
36	Stem Cells, Hematopoiesis and Lineage Tracing: Transplantation-Centric Views and Beyond. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 903528.	1.8	8

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37	Concurrent stem- and lineage-affiliated chromatin programs precede hematopoietic lineage restriction. <i>Cell Reports</i> , 2022, 39, 110798.	2.9	6
38	Immunophenotypic Identification of Early Myeloerythroid Development. <i>Methods in Molecular Biology</i> , 2018, 1678, 301-319.	0.4	5
39	Immunoediting is not a primary transformation event in a murine model of MLL-ENL AML. <i>Life Science Alliance</i> , 2018, 1, e201800079.	1.3	5
40	Socs2 Is Dispensable for BCR/ABL1-Induced Chronic Myeloid Leukemia-Like Disease in Mice and for Normal Hematopoietic Stem Cell Function,. <i>Blood</i> , 2011, 118, 3743-3743.	0.6	4
41	Induced Hematopoietic Stem Cells: Unlocking Restrictions in Lineage Potential and Self-renewal. <i>Cell Stem Cell</i> , 2014, 14, 555-556.	5.2	3
42	A Novel Mouse Model for RPS19-Deficient Diamond-Blackfan Anemia Locates the Erythroid Defect at CFU-E / Proerythroblast Transition.. <i>Blood</i> , 2009, 114, 178-178.	0.6	2
43	A somatic mutation in moesin drives progression into acute myeloid leukemia. <i>Science Advances</i> , 2022, 8, eabm9987.	4.7	2
44	CD9 Marks Flt3+ Multipotent Hematopoietic Progenitors within Lsk Cells. <i>Blood</i> , 2019, 134, 2469-2469.	0.6	1
45	Immunophenotypic- and Molecular Analysis of Human Hematopoietic Stem and Progenitor Heterogeneity. <i>Blood</i> , 2019, 134, 3701-3701.	0.6	1
46	Bmi1 induction protects hematopoietic stem cells against pronounced long-term hematopoietic stress. <i>Experimental Hematology</i> , 2022, 109, 35-44.	0.2	1
47	Antigen-Presenting B Cells Program the Efferent Lymph T Helper Cell Response. <i>Frontiers in Immunology</i> , 2022, 13, 813203.	2.2	1
48	Niche Recycling through Division-Independent Egress of Hematopoietic Stem Cells.. <i>Blood</i> , 2009, 114, 79-79.	0.6	0
49	Diamond-Blackfan Anemia: Erythropoiesis Lost in Ribosome Biosynthesis. <i>Blood</i> , 2011, 118, SCI-2-SCI-2.	0.6	0
50	Probing Co-Operating Somatic Mutations in MLL-ENL Driven Leukemogenesis. <i>Blood</i> , 2016, 128, 2855-2855.	0.6	0
51	Transcriptome Based Projection of Single Cells to Uncover Development and Heterogeneity of Abnormal Hematopoietic Cells. <i>Blood</i> , 2019, 134, 2520-2520.	0.6	0