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List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,121
citations

279798

23
h-index

289244

40
g-index

46
all docs

46
docs citations

46
times ranked

4613
citing authors

#	ARTICLE	IF	CITATIONS
1	The ageing haematopoietic stem cell compartment. <i>Nature Reviews Immunology</i> , 2013, 13, 376-389.	22.7	489
2	Cdc42 Activity Regulates Hematopoietic Stem Cell Aging and Rejuvenation. <i>Cell Stem Cell</i> , 2012, 10, 520-530.	11.1	438
3	A canonical to non-canonical Wnt signalling switch in haematopoietic stem-cell ageing. <i>Nature</i> , 2013, 503, 392-396.	27.8	265
4	Altered cellular dynamics and endosteal location of aged early hematopoietic progenitor cells revealed by time-lapse intravital imaging in long bones. <i>Blood</i> , 2009, 114, 290-298.	1.4	197
5	Canonical Wnt Signaling Ameliorates Aging of Intestinal Stem Cells. <i>Cell Reports</i> , 2017, 18, 2608-2621.	6.4	172
6	Rho GTPase Cdc42 coordinates hematopoietic stem cell quiescence and niche interaction in the bone marrow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5091-5096.	7.1	168
7	Aging, Clonality, and Rejuvenation of Hematopoietic Stem Cells. <i>Trends in Molecular Medicine</i> , 2016, 22, 701-712.	6.7	135
8	Osteopontin attenuates aging-associated phenotypes of hematopoietic stem cells. <i>EMBO Journal</i> , 2017, 36, 840-853.	7.8	109
9	Age- and stage-specific regulation patterns in the hematopoietic stem cell hierarchy. <i>Blood</i> , 2001, 98, 2966-2972.	1.4	104
10	Pharmacological targeting of the thrombomodulin-activated protein C pathway mitigates radiation toxicity. <i>Nature Medicine</i> , 2012, 18, 1123-1129.	30.7	97
11	Immunoaging induced by hematopoietic stem cell aging. <i>Current Opinion in Immunology</i> , 2011, 23, 532-536.	5.5	96
12	Aging alters the epigenetic asymmetry of HSC division. <i>PLoS Biology</i> , 2018, 16, e2003389.	5.6	95
13	Haematopoietic stem cells in perisinusoidal niches are protected from ageing. <i>Nature Cell Biology</i> , 2019, 21, 1309-1320.	10.3	88
14	Ubiquitination of hnRNPA1 by TRAF6 links chronic innate immune signaling with myelodysplasia. <i>Nature Immunology</i> , 2017, 18, 236-245.	14.5	85
15	Aged murine hematopoietic stem cells drive aging-associated immune remodeling. <i>Blood</i> , 2018, 132, 565-576.	1.4	69
16	Concise Review: Polarity in Stem Cells, Disease, and Aging. <i>Stem Cells</i> , 2010, 28, 1623-1629.	3.2	66
17	LaminA/C regulates epigenetic and chromatin architecture changes upon aging of hematopoietic stem cells. <i>Genome Biology</i> , 2018, 19, 189.	8.8	66
18	Epigenetic age-predictor for mice based on three CpG sites. <i>ELife</i> , 2018, 7, .	6.0	54

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19	Stem Cells, Aging, Niche, Adhesion and Cdc42: A Model for Changes in Cell-Cell Interactions and Hematopoietic Stem Cell Aging. <i>Cell Cycle</i> , 2007, 6, 884-887.	2.6	48
20	Rational identification of a Cdc42 inhibitor presents a new regimen for long-term hematopoietic stem cell mobilization. <i>Leukemia</i> , 2019, 33, 749-761.	7.2	48
21	Limitations and challenges of genetic barcode quantification. <i>Scientific Reports</i> , 2017, 7, 43249.	3.3	43
22	Inhibition of Cdc42 activity extends lifespan and decreases circulating inflammatory cytokines in aged female C57BL/6 mice. <i>Aging Cell</i> , 2020, 19, e13208.	6.7	31
23	Yap1-Scribble polarization is required for hematopoietic stem cell division and fate. <i>Blood</i> , 2020, 136, 1824-1836.	1.4	26
24	Aging of human hematopoietic stem cells is linked to changes in Cdc42 activity. <i>Haematologica</i> , 2022, 107, 393-402.	3.5	23
25	Targeted methods for epigenetic age predictions in mice. <i>Scientific Reports</i> , 2020, 10, 22439.	3.3	14
26	Cdc42-Septin7 axis regulates HSC polarity and function. <i>EMBO Reports</i> , 2021, 22, e52931.	4.5	14
27	Loss of epigenetic polarity is a hallmark of hematopoietic stem cell aging. <i>Human Molecular Genetics</i> , 2020, 29, R248-R254.	2.9	12
28	Suppression of elevated Cdc42 activity promotes the regenerative potential of aged intestinal stem cells. <i>IScience</i> , 2021, 24, 102362.	4.1	12
29	Regulation of hematopoietic stem cell aging by the small RhoGTPase Cdc42. <i>Experimental Cell Research</i> , 2014, 329, 214-219.	2.6	9
30	An aged bone marrow niche restrains rejuvenated hematopoietic stem cells. <i>Stem Cells</i> , 2021, 39, 1101-1106.	3.2	9
31	Septin 6 regulates engraftment and lymphoid differentiation potential of murine long-term hematopoietic stem cells. <i>Experimental Hematology</i> , 2017, 55, 45-55.	0.4	7
32	The lifespan quantitative trait locus gene <i>Securin</i> controls hematopoietic progenitor cell function. <i>Haematologica</i> , 2020, 105, 317-324.	3.5	5
33	Repolarization of HSC attenuates HSCs failure in Shwachman-Diamond syndrome. <i>Leukemia</i> , 2021, 35, 1751-1762.	7.2	5
34	Inflammation rapidly recruits mammalian GMP and MDP from bone marrow into regional lymphatics. <i>ELife</i> , 2021, 10, .	6.0	5
35	Epigenetic Clocks for Mice Based on Age-Associated Regions That are Conserved Between Mouse Strains and Human. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	5
36	Strong Mutagenic Potential of Temozolomide in Bone Marrow Cells In Vivo.. <i>Blood</i> , 2005, 106, 668-668.	1.4	3

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37	Septins in Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 801507.	3.7	3
38	Quantification of Genomic Mutations in Murine Hematopoietic Cells. <i>Methods in Molecular Biology</i> , 2009, 506, 423-436.	0.9	2
39	Reduced adhesion of aged intestinal stem cells contributes to an accelerated clonal drift. <i>Life Science Alliance</i> , 2022, 5, e202201408.	2.8	2
40	A Critical Role for the Retinoblastoma Tumor Suppressor Gene in Hematopoietic Stem Cells.. <i>Blood</i> , 2006, 108, 2548-2548.	1.4	1
41	Increased Stem Cell Mobilization Proficiency in Aged Mice.. <i>Blood</i> , 2005, 106, 2262-2262.	1.4	0