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List of Publications by Year
in descending order

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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	Aging of human hematopoietic stem cells is linked to changes in Cdc42 activity. Haematologica, 2022, 107, 393-402.	3.5	23
2	Reduced adhesion of aged intestinal stem cells contributes to an accelerated clonal drift. Life Science Alliance, 2022, 5, e202201408.	2.8	2
3	Epigenetic Clocks for Mice Based on Age-Associated Regions That are Conserved Between Mouse Strains and Human. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	5
4	Repolarization of HSC attenuates HSCs failure in Shwachmanâ€“Diamond syndrome. Leukemia, 2021, 35, 1751-1762.	7.2	5
5	Suppression of elevated Cdc42 activity promotes the regenerative potential of aged intestinal stem cells. IScience, 2021, 24, 102362.	4.1	12
6	Inflammation rapidly recruits mammalian GMP and MDP from bone marrow into regional lymphatics. ELife, 2021, 10, .	6.0	5
7	An aged bone marrow niche restrains rejuvenated hematopoietic stem cells. Stem Cells, 2021, 39, 1101-1106.	3.2	9
8	Cdc42â€Borg4â€Septin7 axis regulates HSC polarity and function. EMBO Reports, 2021, 22, e52931.	4.5	14
9	Septins in Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 801507.	3.7	3
10	The lifespan quantitative trait locus gene Securin controls hematopoietic progenitor cell function. Haematologica, 2020, 105, 317-324.	3.5	5
11	Inhibition of Cdc42 activity extends lifespan and decreases circulating inflammatory cytokines in aged female C57BL/6 mice. Aging Cell, 2020, 19, e13208.	6.7	31
12	Loss of epigenetic polarity is a hallmark of hematopoietic stem cell aging. Human Molecular Genetics, 2020, 29, R248-R254.	2.9	12
13	Yap1-Scribble polarization is required for hematopoietic stem cell division and fate. Blood, 2020, 136, 1824-1836.	1.4	26
14	Targeted methods for epigenetic age predictions in mice. Scientific Reports, 2020, 10, 22439.	3.3	14
15	Haematopoietic stem cells in perisinusoidal niches are protected from ageing. Nature Cell Biology, 2019, 21, 1309-1320.	10.3	88
16	Rational identification of a Cdc42 inhibitor presents a new regimen for long-term hematopoietic stem cell mobilization. Leukemia, 2019, 33, 749-761.	7.2	48
17	LaminA/C regulates epigenetic and chromatin architecture changes upon aging of hematopoietic stem cells. Genome Biology, 2018, 19, 189.	8.8	66
18	Aging alters the epigenetic asymmetry of HSC division. PLoS Biology, 2018, 16, e2003389.	5.6	95

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19	Aged murine hematopoietic stem cells drive aging-associated immune remodeling. Blood, 2018, 132, 565-576.	1.4	69
20	Epigenetic age-predictor for mice based on three CpG sites. ELife, 2018, 7, .	6.0	54
21	Osteopontin attenuates agingâ€associated phenotypes of hematopoietic stem cells. EMBO Journal, 2017, 36, 840-853.	7.8	109
22	Limitations and challenges of genetic barcode quantification. Scientific Reports, 2017, 7, 43249.	3.3	43
23	Canonical Wnt Signaling Ameliorates Aging of Intestinal Stem Cells. Cell Reports, 2017, 18, 2608-2621.	6.4	172
24	Ubiquitination of hnRNPA1 by TRAF6 links chronic innate immune signaling with myelodysplasia. Nature Immunology, 2017, 18, 236-245.	14.5	85
25	Septin 6 regulates engraftment and lymphoid differentiation potential of murine long-term hematopoietic stem cells. Experimental Hematology, 2017, 55, 45-55.	0.4	7
26	Aging, Clonality, and Rejuvenation of Hematopoietic Stem Cells. Trends in Molecular Medicine, 2016, 22, 701-712.	6.7	135
27	Regulation of hematopoietic stem cell aging by the small RhoGTPase Cdc42. Experimental Cell Research, 2014, 329, 214-219.	2.6	9
28	A canonical to non-canonical Wnt signalling switch in haematopoietic stem-cell ageing. Nature, 2013, 503, 392-396.	27.8	265
29	The ageing haematopoietic stem cell compartment. Nature Reviews Immunology, 2013, 13, 376-389.	22.7	489
30	Cdc42 Activity Regulates Hematopoietic Stem Cell Aging and Rejuvenation. Cell Stem Cell, 2012, 10, 520-530.	11.1	438
31	Pharmacological targeting of the thrombomodulinâ€“activated protein C pathway mitigates radiation toxicity. Nature Medicine, 2012, 18, 1123-1129.	30.7	97
32	Immunoaging induced by hematopoietic stem cell aging. Current Opinion in Immunology, 2011, 23, 532-536.	5.5	96
33	Concise Review: Polarity in Stem Cells, Disease, and Aging. Stem Cells, 2010, 28, 1623-1629.	3.2	66
34	Altered cellular dynamics and endosteal location of aged early hematopoietic progenitor cells revealed by time-lapse intravital imaging in long bones. Blood, 2009, 114, 290-298.	1.4	197
35	Quantification of Genomic Mutations in Murine Hematopoietic Cells. Methods in Molecular Biology, 2009, 506, 423-436.	0.9	2
36	Rho GTPase Cdc42 coordinates hematopoietic stem cell quiescence and niche interaction in the bone marrow. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5091-5096.	7.1	168

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37	Stem Cells, Aging, Niche, Adhesion and Cdc42: A Model for Changes in Cell-Cell Interactions and Hematopoietic Stem Cell Aging. Cell Cycle, 2007, 6, 884-887.	2.6	48
38	A Critical Role for the Retinoblastoma Tumor Suppressor Gene in Hematopoietic Stem Cells.. Blood, 2006, 108, 2548-2548.	1.4	1
39	Strong Mutagenic Potential of Temozolomide in Bone Marrow Cells In Vivo.. Blood, 2005, 106, 668-668.	1.4	3
40	Increased Stem Cell Mobilization Proficiency in Aged Mice.. Blood, 2005, 106, 2262-2262.	1.4	0
41	Age- and stage-specific regulation patterns in the hematopoietic stem cell hierarchy. Blood, 2001, 98, 2966-2972.	1.4	104