

Ayako Nakamura-Ishizu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

927
citations

759233

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888059

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docs citations

17
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	The analysis, roles and regulation of quiescence in hematopoietic stem cells. <i>Development</i> (Cambridge), 2014, 141, 4656-4666.	2.5	169
2	Hematopoietic Stem Cell Metabolism during Development and Aging. <i>Developmental Cell</i> , 2020, 54, 239-255.	7.0	124
3	Extracellular matrix protein tenascin-C is required in the bone marrow microenvironment primed for hematopoietic regeneration. <i>Blood</i> , 2012, 119, 5429-5437.	1.4	122
4	CLEC-2 in megakaryocytes is critical for maintenance of hematopoietic stem cells in the bone marrow. <i>Journal of Experimental Medicine</i> , 2015, 212, 2133-2146.	8.5	101
5	Ca ²⁺ mitochondria axis drives cell division in hematopoietic stem cells. <i>Journal of Experimental Medicine</i> , 2018, 215, 2097-2113.	8.5	99
6	Thrombopoietin Metabolically Primes Hematopoietic Stem Cells to Megakaryocyte-Lineage Differentiation. <i>Cell Reports</i> , 2018, 25, 1772-1785.e6.	6.4	62
7	The formation of an angiogenic astrocyte template is regulated by the neuroretina in a HIF-1-dependent manner. <i>Developmental Biology</i> , 2012, 363, 106-114.	2.0	60
8	Bacterial c-di-GMP Affects Hematopoietic Stem/Progenitors and Their Niches through STING. <i>Cell Reports</i> , 2015, 11, 71-84.	6.4	41
9	Hematopoietic stem cell niche: An interplay among a repertoire of multiple functional niches. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2404-2409.	2.4	40
10	High mitochondrial mass is associated with reconstitution capacity and quiescence of hematopoietic stem cells. <i>Blood Advances</i> , 2019, 3, 2323-2327.	5.2	30
11	Loss of <i>Folliculin</i> Disrupts Hematopoietic Stem Cell Quiescence and Homeostasis Resulting in Bone Marrow Failure. <i>Stem Cells</i> , 2016, 34, 1068-1082.	3.2	25
12	A FLCN-TFE3 Feedback Loop Prevents Excessive Glycogenesis and Phagocyte Activation by Regulating Lysosome Activity. <i>Cell Reports</i> , 2020, 30, 1823-1834.e5.	6.4	18
13	Autophagy is dispensable for the maintenance of hematopoietic stem cells in neonates. <i>Blood Advances</i> , 2021, 5, 1594-1604.	5.2	15
14	Mitochondria transfer from early stages of erythroblasts to their macrophage niche via tunnelling nanotubes. <i>British Journal of Haematology</i> , 2021, 193, 1260-1274.	2.5	13
15	Beginning of a New Era: Mapping the Bone Marrow Niche. <i>Cell</i> , 2019, 177, 1679-1681.	28.9	3
16	Dynamic Changes in the Niche with N-Cadherin Revisited: The HSC "Niche Herein". <i>Cell Stem Cell</i> , 2019, 24, 355-356.	11.1	3
17	Prolonged maintenance of hematopoietic stem cells that escape from thrombopoietin deprivation. <i>Blood</i> , 2021, 137, 2609-2620.	1.4	2