

Lei Ding

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

5,484
citations

394421

19
h-index

610901

24
g-index

32
all docs

32
docs citations

32
times ranked

8510
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial and perivascular cells maintain haematopoietic stem cells. <i>Nature</i> , 2012, 481, 457-462.	27.8	1,617
2	Haematopoietic stem cells and early lymphoid progenitors occupy distinct bone marrow niches. <i>Nature</i> , 2013, 495, 231-235.	27.8	1,017
3	SLAM Family Markers Resolve Functionally Distinct Subpopulations of Hematopoietic Stem Cells and Multipotent Progenitors. <i>Cell Stem Cell</i> , 2013, 13, 102-116.	11.1	521
4	Hematopoietic Stem Cells Are the Major Source of Multilineage Hematopoiesis in Adult Animals. <i>Immunity</i> , 2016, 45, 597-609.	14.3	317
5	Mist1 Expressing Gastric Stem Cells Maintain the Normal and Neoplastic Gastric Epithelium and Are Supported by a Perivascular Stem Cell Niche. <i>Cancer Cell</i> , 2015, 28, 800-814.	16.8	245
6	The Developmental Timing Regulator AIN-1 Interacts with miRISCs and May Target the Argonaute Protein ALG-1 to Cytoplasmic P Bodies in <i>C. elegans</i> . <i>Molecular Cell</i> , 2005, 19, 437-447.	9.7	232
7	Plastic roles of pericytes in the blood-retinal barrier. <i>Nature Communications</i> , 2017, 8, 15296.	12.8	210
8	CD150 ^{high} Bone Marrow Tregs Maintain Hematopoietic Stem Cell Quiescence and Immune Privilege via Adenosine. <i>Cell Stem Cell</i> , 2018, 22, 445-453.e5.	11.1	188
9	Stage-specific requirement for Mettl3-dependent m6A mRNA methylation during haematopoietic stem cell differentiation. <i>Nature Cell Biology</i> , 2019, 21, 700-709.	10.3	172
10	Loss of Dnmt3a Immortalizes Hematopoietic Stem Cells In Vivo. <i>Cell Reports</i> , 2018, 23, 1-10.	6.4	159
11	Infection Mobilizes Hematopoietic Stem Cells through Cooperative NOD-like Receptor and Toll-like Receptor Signaling. <i>Cell Host and Microbe</i> , 2014, 15, 779-791.	11.0	149
12	Hematopoietic stem and progenitor cells regulate the regeneration of their niche by secreting Angiopoietin-1. <i>ELife</i> , 2015, 4, e05521.	6.0	140
13	Leptin-receptor-expressing bone marrow stromal cells are myofibroblasts in primary myelofibrosis. <i>Nature Cell Biology</i> , 2017, 19, 677-688.	10.3	125
14	GW182 family proteins are crucial for microRNA-mediated gene silencing. <i>Trends in Cell Biology</i> , 2007, 17, 411-416.	7.9	111
15	Hepatic thrombopoietin is required for bone marrow hematopoietic stem cell maintenance. <i>Science</i> , 2018, 360, 106-110.	12.6	83
16	Cutting Edge: CXCR4 Is Critical for CD8 ⁺ Memory T Cell Homeostatic Self-Renewal but Not Rechallenge Self-Renewal. <i>Journal of Immunology</i> , 2014, 193, 1013-1016.	0.8	53
17	Adipsin promotes bone marrow adiposity by priming mesenchymal stem cells. <i>ELife</i> , 2021, 10, .	6.0	32
18	Mechanism of noncoding RNA-associated N6-methyladenosine recognition by an RNA processing complex during IgH DNA recombination. <i>Molecular Cell</i> , 2021, 81, 3949-3964.e7.	9.7	28

#	ARTICLE	IF	CITATIONS
19	Hepatic stellate and endothelial cells maintain hematopoietic stem cells in the developing liver. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	26
20	Bone Marrow Microenvironment in Normal and Deranged Hematopoiesis: Opportunities for Regenerative Medicine and Therapies. <i>BioEssays</i> , 2018, 40, 1700190.	2.5	17
21	An early endothelial cell-specific requirement for Glut1 is revealed in Glut1 deficiency syndrome model mice. <i>JCI Insight</i> , 2021, 6, .	5.0	17
22	Extrinsic regulation of hematopoietic stem cells in development, homeostasis and diseases. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2017, 6, e279.	5.9	14
23	Hematopoietic stem cells temporally transition to thrombopoietin dependence in the fetal liver. <i>Science Advances</i> , 2022, 8, eabm7688.	10.3	5
24	HSC niche: ample room for every guest stem cell. <i>Blood</i> , 2017, 129, 2042-2043.	1.4	2
25	A polarized anchor for hematopoietic stem cells: Synapse between stem cells and their niche?. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	0
26	Comprehensive Cellular Dissection of the Bone Marrow Microenvironment in Primary Myelofibrosis. <i>Blood</i> , 2021, 138, 200-200.	1.4	0
27	The Fetal Hematopoietic Niche: Components and Mechanisms for Hematopoietic Stem Cell Emergence and Expansion. <i>Current Stem Cell Reports</i> , 2022, 8, 14.	1.6	0