

Hong Qian

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,915
citations

236612

25
h-index

315357

38
g-index

46
all docs

46
docs citations

46
times ranked

5228
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Role of Thrombopoietin in Maintaining Adult Quiescent Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2007, 1, 671-684.	5.2	462
2	Single-cell transcriptomics uncovers distinct molecular signatures of stem cells in chronic myeloid leukemia. <i>Nature Medicine</i> , 2017, 23, 692-702.	15.2	336
3	Molecular Evidence for Hierarchical Transcriptional Lineage Priming in Fetal and Adult Stem Cells and Multipotent Progenitors. <i>Immunity</i> , 2007, 26, 407-419.	6.6	316
4	Kit Regulates Maintenance of Quiescent Hematopoietic Stem Cells. <i>Journal of Immunology</i> , 2008, 180, 2045-2053.	0.4	170
5	A radical switch in clonality reveals a stem cell niche in the epiphyseal growth plate. <i>Nature</i> , 2019, 567, 234-238.	13.7	153
6	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
7	Primary Mesenchymal Stem and Progenitor Cells from Bone Marrow Lack Expression of CD44 Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 25795-25807.	1.6	122
8	Contribution of $\alpha 6$ integrins to hematopoietic stem and progenitor cell homing to bone marrow and collaboration with $\alpha 4$ integrins. <i>Blood</i> , 2006, 107, 3503-3510.	0.6	118
9	Cytokines regulate postnatal hematopoietic stem cell expansion: opposing roles of thrombopoietin and LNK. <i>Genes and Development</i> , 2006, 20, 2018-2023.	2.7	110
10	Superficial cells are self-renewing chondrocyte progenitors, which form the articular cartilage in juvenile mice. <i>FASEB Journal</i> , 2017, 31, 1067-1084.	0.2	92
11	Lipopolysaccharide-Induced Fever Depends on Prostaglandin E2 Production Specifically in Brain Endothelial Cells. <i>Endocrinology</i> , 2012, 153, 4849-4861.	1.4	87
12	IL-7 mediates Ebf-1-dependent lineage restriction in early lymphoid progenitors. <i>Blood</i> , 2011, 118, 1283-1290.	0.6	80
13	CD36 Is a Marker of Human Adipocyte Progenitors with Pronounced Adipogenic and Triglyceride Accumulation Potential. <i>Stem Cells</i> , 2017, 35, 1799-1814.	1.4	76
14	Distinct roles of integrins $\alpha 6$ and $\alpha 4$ in homing of fetal liver hematopoietic stem and progenitor cells. <i>Blood</i> , 2007, 110, 2399-2407.	0.6	60
15	Type 1 Diabetes Mellitus Donor Mesenchymal Stromal Cells Exhibit Comparable Potency to Healthy Controls In Vitro. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1485-1495.	1.6	51
16	Oriented clonal cell dynamics enables accurate growth and shaping of vertebrate cartilage. <i>ELife</i> , 2017, 6, .	2.8	46
17	The Stem Cell Niche: Interactions between Stem Cells and Their Environment. <i>Stem Cells International</i> , 2018, 2018, 1-3.	1.2	46
18	Chondroitin Sulfate-Coated DNA-Nanoplexes Enhance Transfection Efficiency by Controlling Plasmid Release from Endosomes: A New Insight into Modulating Nonviral Gene Transfection. <i>Advanced Functional Materials</i> , 2015, 25, 3907-3915.	7.8	43

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19	Immune challenge by intraperitoneal administration of lipopolysaccharide directs gene expression in distinct blood-brain barrier cells toward enhanced prostaglandin E2 signaling. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 31-41.	2.0	35
20	Ribonucleotide reductase inhibitors suppress SAMHD1-associated CTPase activity enhancing cytarabine efficacy. <i>EMBO Molecular Medicine</i> , 2020, 12, e10419.	3.3	35
21	Stabilins are expressed in bone marrow sinusoidal endothelial cells and mediate scavenging and cell adhesive functions. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 883-886.	1.0	32
22	Sipa1 deficiency-induced bone marrow niche alterations lead to the initiation of myeloproliferative neoplasm. <i>Blood Advances</i> , 2018, 2, 534-548.	2.5	32
23	Single-cell analysis of early B-lymphocyte development suggests independent regulation of lineage specification and commitment in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15871-15876.	3.3	31
24	Molecular Characterization of Prospectively Isolated Multipotent Mesenchymal Progenitors Provides New Insight into the Cellular Identity of Mesenchymal Stem Cells in Mouse Bone Marrow. <i>Molecular and Cellular Biology</i> , 2013, 33, 661-677.	1.1	31
25	Interleukin-7-induced Stat-5 Acts in Synergy with Flt-3 Signaling to Stimulate Expansion of Hematopoietic Progenitor Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 36275-36284.	1.6	28
26	The chromatin-remodeling factor CHD4 is required for maintenance of childhood acute myeloid leukemia. <i>Haematologica</i> , 2018, 103, 1169-1181.	1.7	26
27	Distinct roles of mesenchymal stem and progenitor cells during the development of acute myeloid leukemia in mice. <i>Blood Advances</i> , 2018, 2, 1480-1494.	2.5	25
28	Early B-cell Factor 1 Regulates the Expansion of B-cell Progenitors in a Dose-dependent Manner. <i>Journal of Biological Chemistry</i> , 2013, 288, 33449-33461.	1.6	20
29	Critical role of Lama4 for hematopoiesis regeneration and acute myeloid leukemia progression. <i>Blood</i> , 2022, 139, 3040-3057.	0.6	19
30	Amniotic Fluid: A Source for Clinical Therapeutics in the Newborn?. <i>Stem Cells and Development</i> , 2015, 24, 1405-1414.	1.1	14
31	Modulation of leukotriene signaling inhibiting cell growth in chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 1903-1913.	0.6	12
32	Leukotriene signaling via ALOX5 and cysteinyl leukotriene receptor 1 is dispensable for in vitro growth of CD34+CD38 ^{low} stem and progenitor cells in chronic myeloid leukemia. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 378-384.	1.0	11
33	The histone chaperone NAP1L3 is required for haematopoietic stem cell maintenance and differentiation. <i>Scientific Reports</i> , 2018, 8, 11202.	1.6	9
34	Genomics based analysis of interactions between developing B-lymphocytes and stromal cells reveal complex interactions and two-way communication. <i>BMC Genomics</i> , 2010, 11, 108.	1.2	8
35	Expression of Integrin β 2 Receptor in Human Cord Blood CD34+CD38 ^{low} CD90+ Stem Cells Engrafting Long-Term in NOD/SCID-IL2R1 ³ cnnull Mice. <i>Stem Cells</i> , 2013, 31, 360-371.	1.4	7
36	Progression of progenitor B-cell leukemia is associated with alterations of the bone marrow micro-environment. <i>Haematologica</i> , 2020, 105, e102-e106.	1.7	7

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37	Fetal hepatic expression of 5-lipoxygenase activating protein is confined to colonizing hematopoietic cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 336-339.	1.0	5
38	FOXO Dictates Initiation of B Cell Development and Myeloid Restriction in Common Lymphoid Progenitors. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	4
39	Clinical Grade Production of Mesenchymal Stromal Cells. , 2014, , 427-469.		3
40	Stabilin-1 and Stabilin-2 Are Expressed in Bone Marrow Sinusoidal Endothelial Cells and Mediate Scavenging and Cell Adhesive Functions. <i>Blood</i> , 2008, 112, 1368-1368.	0.6	0
41	Identification Of Bipotential Lin-CD34+CD38- Integrin α 2- Erythrocyte-Megakaryocyte Progenitors In Human Bone Marrow. <i>Blood</i> , 2013, 122, 2423-2423.	0.6	0
42	Functional and Molecular Alterations of Bone Marrow Mesenchymal Stem and Progenitor Cells in Patients with Myelodysplastic Syndrome with Ring Sideroblast. <i>Blood</i> , 2016, 128, 1489-1489.	0.6	0