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List of Publications by Year
in descending order

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69 papers	10,922 citations	109321 35 h-index	118850 62 g-index
71 all docs	71 docs citations	71 times ranked	10291 citing authors

#	Article	IF	Citations
1	Impaired recruitment of bone-marrowâ€“derived endothelial and hematopoietic precursor cells blocks tumor angiogenesis and growth. Nature Medicine, 2001, 7, 1194-1201.	30.7	1,784
2	Recruitment of Stem and Progenitor Cells from the Bone Marrow Niche Requires MMP-9 Mediated Release of Kit-Ligand. Cell, 2002, 109, 625-637.	28.9	1,630
3	Chemokine-mediated interaction of hematopoietic progenitors with the bone marrow vascular niche is required for thrombopoiesis. Nature Medicine, 2004, 10, 64-71.	30.7	697
4	Vascular and haematopoietic stem cells: novel targets for anti-angiogenesis therapy?. Nature Reviews Cancer, 2002, 2, 826-835.	28.4	670
5	Vascular Endothelial Growth Factor and Angiopoietin-1 Stimulate Postnatal Hematopoiesis by Recruitment of Vasculogenic and Hematopoietic Stem Cells. Journal of Experimental Medicine, 2001, 193, 1005-1014.	8.5	646
6	Cytokine-mediated deployment of SDF-1 induces revascularization through recruitment of CXCR4+ hemangiocytes. Nature Medicine, 2006, 12, 557-567.	30.7	616
7	Placental growth factor reconstitutes hematopoiesis by recruiting VEGFR1+ stem cells from bone-marrow microenvironment. Nature Medicine, 2002, 8, 841-849.	30.7	602
8	Plasma elevation of stromal cellâ€“derived factor-1 induces mobilization of mature and immature hematopoietic progenitor and stem cells. Blood, 2001, 97, 3354-3360.	1.4	494
9	Autocrine stimulation of VEGFR-2 activates human leukemic cell growth and migration. Journal of Clinical Investigation, 2000, 106, 511-521.	8.2	384
10	Inhibition of both paracrine and autocrine VEGF/ VEGFR-2 signaling pathways is essential to induce long-term remission of xenotransplanted human leukemias. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10857-10862.	7.1	254
11	Mobilization of Endothelial and Hematopoietic Stem and Progenitor Cells by Adenovectorâ€Mediated Elevation of Serum Levels of SDFâ€1, VEGF, and Angiopoietinâ€1. Annals of the New York Academy of Sciences, 2001, 938, 36-47.	3.8	251
12	Granulocyte colonyâ€stimulating factor promotes neovascularization by releasing vascular endothelial growth factor from neutrophils. FASEB Journal, 2005, 19, 2005-2007.	0.5	236
13	Low-dose irradiation promotes tissue revascularization through VEGF release from mast cells and MMP-9â€“mediated progenitor cell mobilization. Journal of Experimental Medicine, 2005, 202, 739-750.	8.5	218
14	Efficient mobilization and recruitment of marrow-derived endothelial and hematopoietic stem cells by adenoviral vectors expressing angiogenic factors. Gene Therapy, 2002, 9, 631-641.	4.5	172
15	Angiogenesis: vascular remodeling of the extracellular matrix involves metalloproteinases. Current Opinion in Hematology, 2003, 10, 136-141.	2.5	168
16	Stromal-derived factor 1â€“induced megakaryocyte migration and platelet production is dependent on matrix metalloproteinases. Blood, 2000, 96, 4152-4159.	1.4	152
17	Contribution of marrow-derived progenitors to vascular and cardiac regeneration. Seminars in Cell and Developmental Biology, 2002, 13, 61-67.	5.0	135
18	Interleukinâ€1Î± (ILâ€1Î±) promotes angiogenesis in vivo via VEGFRâ€2 pathway by inducing inflammatory cell VEGF synthesis and secretion. FASEB Journal, 2002, 16, 1471-1473.	0.5	133

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19	Molecular pathways regulating mobilization of marrow-derived stem cells for tissue revascularization. Trends in Molecular Medicine, 2003, 9, 109-117.	6.7	126
20	Angiogenic Factors Reconstitute Hematopoiesis by Recruiting Stem Cells from Bone Marrow Microenvironment. Annals of the New York Academy of Sciences, 2003, 996, 49-60.	3.8	124
21	The Regulation of Hematopoietic Stem Cell and Progenitor Mobilization by Chemokine SDF-1. Leukemia and Lymphoma, 2003, 44, 575-582.	1.3	115
22	Matrix metalloproteinase-9 regulates TNF-Î± and FasL expression in neuronal, glial cells and its absence extends life in a transgenic mouse model of amyotrophic lateral sclerosis. Experimental Neurology, 2007, 205, 74-81.	4.1	105
23	Role of c-kit/Kit ligand signaling in regulating vasculogenesis. Thrombosis and Haemostasis, 2003, 90, 570-576.	3.4	103
24	A role for niches in hematopoietic cell development. Hematology, 2005, 10, 247-253.	1.5	72
25	The Plasminogen Fibrinolytic Pathway Is Required for Hematopoietic Regeneration. Cell Stem Cell, 2007, 1, 658-670.	11.1	72
26	The multifaceted role of plasminogen in inflammation. Cellular Signalling, 2020, 75, 109761.	3.6	68
27	Inhibition of PAI-1 induces neutrophil-driven neoangiogenesis and promotes tissue regeneration via production of angiocrine factors in mice. Blood, 2012, 119, 6382-6393.	1.4	65
28	Metalloproteinase regulation improves in vitro generation of efficacious platelets from mouse embryonic stem cells. Journal of Experimental Medicine, 2008, 205, 1917-1927.	8.5	62
29	Role of neutrophil-derived matrix metalloproteinase-9 in tissue regeneration. Histology and Histopathology, 2010, 25, 765-70.	0.7	61
30	Role of mesenchymal stem cell-derived fibrinolytic factor in tissue regeneration and cancer progression. Cellular and Molecular Life Sciences, 2015, 72, 4759-4770.	5.4	55
31	Adipocyte-Derived Microvesicles Are Associated with Multiple Angiogenic Factors and Induce Angiogenesis in Vivo and in Vitro. Endocrinology, 2010, 151, 2567-2576.	2.8	53
32	Endothelial progenitor cells are cellular hubs essential for neoangiogenesis of certain aggressive adenocarcinomas and metastatic transition but not adenomas. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, E54; author reply E55.	7.1	51
33	MT1-MMP plays a critical role in hematopoiesis by regulating HIF-mediated chemokine/cytokine gene transcription within niche cells. Blood, 2012, 119, 5405-5416.	1.4	51
34	Plasminogen activator inhibitorâ€1 regulates macrophageâ€dependent postoperative adhesion by enhancing EGFâ€HER1 signaling in mice. FASEB Journal, 2017, 31, 2625-2637.	0.5	48
35	Inhibition of Plasmin Protects Against Colitis in Mice byÂSuppressing Matrix Metalloproteinase 9â€“Mediated CytokineÂRelease From Myeloid Cells. Gastroenterology, 2015, 148, 565-578.e4.	1.3	41
36	Pharmacological targeting of plasmin prevents lethality in a murine model of macrophage activation syndrome. Blood, 2017, 130, 59-72.	1.4	40

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37	Inhibition of plasmin attenuates murine acute graft-versus-host disease mortality by suppressing the matrix metalloproteinase-9-dependent inflammatory cytokine storm and effector cell trafficking. Leukemia, 2015, 29, 145-156.	7.2	36
38	Tissue type plasminogen activator regulates myeloid-cell dependent neoangiogenesis during tissue regeneration. Blood, 2010, 115, 4302-4312.	1.4	35
39	Tumor Necrosis Factor Receptor-associated Factor (TRAF) 2 Controls Homeostasis of the Colon to Prevent Spontaneous Development of Murine Inflammatory Bowel Disease. Journal of Biological Chemistry, 2011, 286, 17879-17888.	3.4	31
40	Plasmin inhibitor reduces T-cell lymphoid tumor growth by suppressing matrix metalloproteinase-9-dependent CD11b+/F4/80+ myeloid cell recruitment. Leukemia, 2012, 26, 332-339.	7.2	24
41	Bone Marrowâ€"Derived CD11b+Jagged2+ Cells Promote Epithelial-to-Mesenchymal Transition and Metastasization in Colorectal Cancer. Cancer Research, 2013, 73, 4233-4246.	0.9	22
42	The fibrinolytic factor tPA drives LRP1â€mediated melanoma growth and metastasis. FASEB Journal, 2019, 33, 3465-3480.	0.5	21
43	Cancer therapy targeting the fibrinolytic system. Advanced Drug Delivery Reviews, 2016, 99, 172-179.	13.7	20
44	The Multifaceted Role of Plasminogen in Cancer. International Journal of Molecular Sciences, 2021, 22, 2304.	4.1	19
45	New functions of the fibrinolytic system in bone marrow cell-derived angiogenesis. International Journal of Hematology, 2012, 95, 131-137.	1.6	18
46	Hes1 promotes blast crisis in chronic myelogenous leukemia through MMP-9 upregulation in leukemic cells. Blood, 2014, 123, 3932-3942.	1.4	18
47	Contribution of the fibrinolytic pathway to hematopoietic regeneration. Journal of Cellular Physiology, 2009, 221, 521-525.	4.1	16
48	Fibrinolytic crosstalk with endothelial cells expands murine mesenchymal stromal cells. Blood, 2016, 128, 1063-1075.	1.4	16
49	The Multifaceted Roles of EGFL7 in Cancer and Drug Resistance. Cancers, 2021, 13, 1014.	3.7	14
50	The EGFL7-ITGB3-KLF2 axis enhances survival of multiple myeloma in preclinical models. Blood Advances, 2020, 4, 1021-1037.	5.2	13
51	Increased soluble urokinase plasminogen activator receptor (suPAR) serum levels after granulocyte colony-stimulating factor treatment do not predict successful progenitor cell mobilization in vivo. Blood, 2006, 107, 3408-3409.	1.4	10
52	Plasminogen deficiency attenuates postnatal erythropoiesis in male C57BL/6 mice through decreased activity of the LH-testosterone axis. Experimental Hematology, 2012, 40, 143-154.	0.4	9
53	The angiogenic factor Egfl7 alters thymogenesis by activating Flt3 signaling. Biochemical and Biophysical Research Communications, 2017, 490, 209-216.	2.1	7
54	Low-dose oral cyclophosphamide therapy reduces atherosclerosis progression by decreasing inflammatory cells in a murine model of atherosclerosis. IJC Heart and Vasculature, 2020, 28, 100529.	1.1	7

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55	Aloysia Citrodora Essential Oil Inhibits Melanoma Cell Growth and Migration by Targeting HB-EGF-EGFR Signaling. International Journal of Molecular Sciences, 2021, 22, 8151.	4.1	7
56	Predominantly BCR-ABL negative myeloid precursors in interferon-Î± treated chronic myelogenous leukemia: a follow-up study of peripheral blood colony-forming cells with fluorescence in situ hybridization. Annals of Hematology, 2001, 80, 9-16.	1.8	5
57	CD14+ peripheral blood mononuclear cells from chronic myeloid leukemia and normal donors are inhibitory to short- and long-term cultured colony-forming cells. Leukemia Research, 2000, 24, 217-231.	0.8	4
58	The Plasminogen Fibrinolytic Pathway Is Required for Hematopoietic Regeneration. Cell Stem Cell, 2008, 3, 120.	11.1	4
59	Does long-term culture favor normal clonogenic cells from interferon-treated patients with chronic myelogenous leukemia?. Leukemia, 1999, 13, S55-S64.	7.2	3
60	Tissue Type Plasminogen Activator Regulates Myeloid-Cell Dependent Neoangiogenesis During Tissue Regeneration.. Blood, 2009, 114, 3052-3052.	1.4	3
61	The role of plasmin in the pathogenesis of murine multiple myeloma. Biochemical and Biophysical Research Communications, 2017, 488, 387-392.	2.1	2
62	siRNA against CD40 delivered via a fungal recognition receptor ameliorates murine acute graftâ€versusâ€host disease. EJHaem, 0, , .	1.0	2
63	Novel Functions for a Fibrinolytic Pathway in Controlling the Stem Cell Niche.. Blood, 2006, 108, 1394-1394.	1.4	0
64	Novel Functions for a Fibrinolytic Pathway in Controlling Hematopoiesis.. Blood, 2007, 110, 86-86.	1.4	0
65	Metalloproteinase regulation improves in vitro generation of efficacious platelets from mouse embryonic stem cells. Journal of Cell Biology, 2008, 182, i7-i7.	5.2	0
66	Bone marrow-derived cells play a key role in tissue regeneration. Seibutsu Butsuri Kagaku, 2009, 53, 109-114.	0.1	0
67	MT1-MMP Plays a Critical Role In the Modulation of Hematopoiesis.. Blood, 2010, 116, 3851-3851.	1.4	0
68	A Plasmin Inhibitor Prevents Lethal Acute Graft-Versus-Host Disease in Mice. Blood, 2011, 118, 1897-1897.	1.4	0
69	MT1-MMP Regulates Hematopoiesis Through HIF-Mediated Chemo-/Cytokine Release From the Bone Marrow Niche,. Blood, 2011, 118, 3409-3409.	1.4	0