

David T Scadden

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

27,652
citations

13099

68
h-index

6131

159
g-index

214
all docs

214
docs citations

214
times ranked

32189
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune-responsive biodegradable scaffolds for enhancing neutrophil regeneration. Bioengineering and Translational Medicine, 2023, 8, .	7.1	2
2	Proton export alkalinizes intracellular pH and reprograms carbon metabolism to drive normal and malignant cell growth. Blood, 2022, 139, 502-522.	1.4	23
3	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
4	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. Nature Immunology, 2022, 23, 605-618.	14.5	33
5	Abstract 982: A new transcriptional metastatic signature predicts survival in clear cell renal cell carcinoma. Cancer Research, 2022, 82, 982-982.	0.9	0
6	Recent advances in "sickle and niche" research - Tribute to Dr. Paul S Frenette -. Stem Cell Reports, 2022, 17, 1509-1535.	4.8	8
7	In vivo genome-wide CRISPR screening in murine acute myeloid leukemia uncovers microenvironmental dependencies. Blood Advances, 2022, 6, 5072-5084.	5.2	6
8	Progression signature underlies clonal evolution and dissemination of multiple myeloma. Blood, 2021, 137, 2360-2372.	1.4	26
9	Efficacy and safety of anti-CD45 "saporin as conditioning agent for RAG deficiency. Journal of Allergy and Clinical Immunology, 2021, 147, 309-320.e6.	2.9	27
10	The skeletal stem cell. , 2021, , 75-98.		0
11	Analysis of Leukemia Cell Metabolism through Stable Isotope Tracing in Mice. Bio-protocol, 2021, 11, e4171.	0.4	1
12	Imaging dynamic mTORC1 pathway activity in vivo reveals marked shifts that support time-specific inhibitor therapy in AML. Nature Communications, 2021, 12, 245.	12.8	18
13	Young haematopoietic stem cells are picky eaters. Cell Research, 2021, 31, 377-378.	12.0	1
14	Malic enzyme 2 connects the Krebs cycle intermediate fumarate to mitochondrial biogenesis. Cell Metabolism, 2021, 33, 1027-1041.e8.	16.2	30
15	Metabolic perturbations sensitize triple-negative breast cancers to apoptosis induced by BH3 mimetics. Science Signaling, 2021, 14, .	3.6	10
16	In memory of Paul Sylvain Frenette, a pioneering explorer of the hematopoietic stem cell niche who left far too early. Experimental Hematology, 2021, , .	0.4	0
17	tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. Cell Stem Cell, 2021, 28, 2090-2103.e9.	11.1	20
18	Human prostate cancer bone metastases have an actionable immunosuppressive microenvironment. Cancer Cell, 2021, 39, 1464-1478.e8.	16.8	98

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19	What is the role of the bone marrow microenvironment in AML?. Best Practice and Research in Clinical Haematology, 2021, 34, 101328.	1.7	1
20	Chromatin-state barriers enforce an irreversible mammalian cell fate decision. Cell Reports, 2021, 37, 109967.	6.4	28
21	Inhibition of S-Adenosylmethionine Synthesis Promotes Erythropoiesis Via Epigenetic Modifications. Blood, 2021, 138, 1991-1991.	1.4	0
22	Spatial Transcriptomics Reveals DPP4 As Novel Marker of a More Proliferative Phenotype in Early AML Progression. Blood, 2021, 138, 3310-3310.	1.4	1
23	Myeloid-Biased HSC Require Semaphorin4a from the Bone Marrow Niche for Self-Renewal Under Stress and Life-Long Persistence. Blood, 2021, 138, 3283-3283.	1.4	0
24	Low NCOR2 levels in multiple myeloma patients drive multidrug resistance via MYC upregulation. Blood Cancer Journal, 2021, 11, 194.	6.2	5
25	Lactate Dehydrogenase A Governs Cardiac Hypertrophic Growth in Response to Hemodynamic Stress. Cell Reports, 2020, 32, 108087.	6.4	43
26	Effective Multi-lineage Engraftment in a Mouse Model of Fanconi Anemia Using Non-genotoxic Antibody-Based Conditioning. Molecular Therapy - Methods and Clinical Development, 2020, 17, 455-464.	4.1	19
27	Induction of a Timed Metabolic Collapse to Overcome Cancer Chemoresistance. Cell Metabolism, 2020, 32, 391-403.e6.	16.2	79
28	Adult blood stem cell localization reflects the abundance of reported bone marrow niche cell types and their combinations. Blood, 2020, 136, 2296-2307.	1.4	63
29	Cell interactions in the bone marrow microenvironment affecting myeloid malignancies. Blood Advances, 2020, 4, 3795-3803.	5.2	42
30	VEGF-C protects the integrity of the bone marrow perivascular niche in mice. Blood, 2020, 136, 1871-1883.	1.4	38
31	C9orf72 suppresses systemic and neural inflammation induced by gut bacteria. Nature, 2020, 582, 89-94.	27.8	182
32	Aldehyde dehydrogenase 3a2 protects AML cells from oxidative death and the synthetic lethality of ferroptosis inducers. Blood, 2020, 136, 1303-1316.	1.4	68
33	Lipid availability determines fate of skeletal progenitor cells via SOX9. Nature, 2020, 579, 111-117.	27.8	140
34	A biomaterial-based vaccine eliciting durable tumour-specific responses against acute myeloid leukaemia. Nature Biomedical Engineering, 2020, 4, 40-51.	22.5	83
35	Mgta-145, in Combination with Plerixafor in a Phase 1 Clinical Trial, Mobilizes Large Numbers of Human Hematopoietic Stem Cells and a Graft with Immunosuppressive Effects for Allogeneic Transplant. Blood, 2020, 136, 31-32.	1.4	3
36	Reversing Clonal Hematopoiesis and Associated Atherosclerotic Disease By Targeted Antibody-Drug-Conjugate (ADC) Conditioning and Transplant. Blood, 2020, 136, 34-35.	1.4	2

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37	Programmable microencapsulation for enhanced mesenchymal stem cell persistence and immunomodulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15392-15397.	7.1	124
38	Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. Cell Stem Cell, 2019, 25, 570-583.e7.	11.1	96
39	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. Nature Medicine, 2019, 25, 1761-1771.	30.7	157
40	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. Cell, 2019, 177, 1915-1932.e16.	28.9	640
41	Lineage Tracing Reveals a Subset of Reserve Muscle Stem Cells Capable of Clonal Expansion under Stress. Cell Stem Cell, 2019, 24, 944-957.e5.	11.1	78
42	Ptpn21 Controls Hematopoietic Stem Cell Homeostasis and Biomechanics. Cell Stem Cell, 2019, 24, 608-620.e6.	11.1	35
43	Selective hematopoietic stem cell ablation using CD117-antibody-drug-conjugates enables safe and effective transplantation with immunity preservation. Nature Communications, 2019, 10, 617.	12.8	130
44	An injectable bone marrowâ€‘like scaffold enhances T cell immunity after hematopoietic stem cell transplantation. Nature Biotechnology, 2019, 37, 293-302.	17.5	79
45	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. Circulation Research, 2019, 124, 1372-1385.	4.5	50
46	Metcalf Lecture Award: Applying niche biology to engineer T-cell regenerative therapies. Experimental Hematology, 2019, 80, 1-10.	0.4	1
47	Identification of Functionally Distinct Mx1+Î±SMA+ Periosteal Skeletal Stem Cells. Cell Stem Cell, 2019, 25, 784-796.e5.	11.1	128
48	Growing old in the age of heterogeneity: the perils of shifting clonality. Current Opinion in Hematology, 2019, 26, 222-227.	2.5	4
49	Cell Cycle Analysis of Hematopoietic Stem and Progenitor Cells by Multicolor Flow Cytometry. Current Protocols in Cytometry, 2019, 87, e50.	3.7	7
50	Epigenetic Activation of the pH Regulator MCT4 in Acute Myeloid Leukemia Exploits a Fundamental Metabolic Process of Enhancing Cell Growth through Proton Shifting. Blood, 2019, 134, 3765-3765.	1.4	1
51	Thymus Regeneration Is Dependent on Distinct Mesenchymal Stromal Cell Populations. Blood, 2019, 134, 586-586.	1.4	1
52	A Specific Mesenchymal Stem and Progenitor Cell (MSPC) Subpopulation with a Multi-Potent Gene Signature Is Transcriptionally Altered in the Setting of Myelodysplastic Syndrome (MDS) in Primary Human Bone Marrow Aspirates. Blood, 2019, 134, 1708-1708.	1.4	1
53	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. Cell, 2018, 172, 191-204.e10.	28.9	92
54	Sipa1 deficiencyâ€‘induced bone marrow niche alterations lead to the initiation of myeloproliferative neoplasm. Blood Advances, 2018, 2, 534-548.	5.2	32

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55	Hematopoietic Microenvironment. , 2018, , 119-126.		1
56	Modulating Bone Marrow Hematopoietic Lineage Potential to Prevent Bone Metastasis in Breast Cancer. Cancer Research, 2018, 78, 5300-5314.	0.9	22
57	dropEst: pipeline for accurate estimation of molecular counts in droplet-based single-cell RNA-seq experiments. Genome Biology, 2018, 19, 78.	8.8	159
58	The Wave2 scaffold Hem-1 is required for transition of fetal liver hematopoiesis to bone marrow. Nature Communications, 2018, 9, 2377.	12.8	15
59	The NOTCH1/CD44 axis drives pathogenesis in a T cell acute lymphoblastic leukemia model. Journal of Clinical Investigation, 2018, 128, 2802-2818.	8.2	48
60	DHODH Inhibitors in the Treatment of Acute Myeloid Leukemia: Defining the Mechanism of Action and the Basis of the Metabolic Therapeutic Window. Blood, 2018, 132, 2716-2716.	1.4	2
61	Shipping mouse bone marrow: Keep it in the bone. Experimental Hematology, 2017, 49, 68-72.	0.4	5
62	Hematopoiesis: Reconciling Historic Controversies about the Niche. Cell Stem Cell, 2017, 20, 590-592.	11.1	28
63	ZFP521 regulates murine hematopoietic stem cell function and facilitates MLL-AF9 leukemogenesis in mouse and human cells. Blood, 2017, 130, 619-624.	1.4	20
64	The metabolic regulator mTORC1 controls terminal myeloid differentiation. Science Immunology, 2017, 2, .	11.9	23
65	Written in bone: young bone makes young blood. EMBO Journal, 2017, 36, 831-833.	7.8	3
66	Bone marrow-derived immature myeloid cells are a main source of circulating suPAR contributing to proteinuric kidney disease. Nature Medicine, 2017, 23, 100-106.	30.7	121
67	Preclinical modeling highlights the therapeutic potential of hematopoietic stem cell gene editing for correction of SCID-X1. Science Translational Medicine, 2017, 9, .	12.4	176
68	Osteoblasts remotely supply lung tumors with cancer-promoting SiglecF ^{high} neutrophils. Science, 2017, 358, .	12.6	270
69	Harnessing the Biology of Stem Cells' Niche. , 2017, , 15-31.		4
70	Amino acid-insensitive mTORC1 regulation enables nutritional stress resilience in hematopoietic stem cells. Journal of Clinical Investigation, 2017, 127, 1405-1413.	8.2	23
71	Bone marrow drives central nervous system regeneration after radiation injury. Journal of Clinical Investigation, 2017, 128, 281-293.	8.2	36
72	Osteoblastic Cell-Derived Extracellular Vesicles Transfer Small RNAs That Alter the Physiology of Hematopoietic Cells <i>In Vivo</i> . Blood, 2017, 130, 93-93.	1.4	0

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73	A Novel System for the Study of Neutrophil-Fungal Interactions. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
74	Hematopoietic Stem Cell Niche in Health and Disease. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 555-581.	22.4	129
75	Distinct bone marrow blood vessels differentially regulate haematopoiesis. Nature, 2016, 532, 323-328.	27.8	553
76	Blood and Bone. New England Journal of Medicine, 2016, 374, 1891-1893.	27.0	3
77	Heterogeneity of the bone marrow niche. Current Opinion in Hematology, 2016, 23, 331-338.	2.5	83
78	Distinctive Mesenchymal-Parenchymal Cell Pairings Govern B Cell Differentiation in the Bone Marrow. Stem Cell Reports, 2016, 7, 220-235.	4.8	43
79	Development of ML390: A Human DHODH Inhibitor That Induces Differentiation in Acute Myeloid Leukemia. ACS Medicinal Chemistry Letters, 2016, 7, 1112-1117.	2.8	51
80	Angiogenin Promotes Hematopoietic Regeneration by Dichotomously Regulating Quiescence of Stem and Progenitor Cells. Cell, 2016, 166, 894-906.	28.9	150
81	Proximity-Based Differential Single-Cell Analysis of the Niche to Identify Stem/Progenitor Cell Regulators. Cell Stem Cell, 2016, 19, 530-543.	11.1	136
82	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. Cell, 2016, 167, 171-186.e15.	28.9	353
83	PHD3 Loss in Cancer Enables Metabolic Reliance on Fatty Acid Oxidation via Deactivation of ACC2. Molecular Cell, 2016, 63, 1006-1020.	9.7	120
84	Epigenetic Memory Underlies Cell-Autonomous Heterogeneous Behavior of Hematopoietic Stem Cells. Cell, 2016, 167, 1310-1322.e17.	28.9	153
85	Leukaemogenic effects of Ptpn11 activating mutations in the stem cell microenvironment. Nature, 2016, 539, 304-308.	27.8	210
86	Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. Nature Biotechnology, 2016, 34, 738-745.	17.5	176
87	Single Targeted Exon Mutation Creates a True Congenic Mouse for Competitive Hematopoietic Stem Cell Transplantation: The C57BL/6-CD45.1STEM Mouse. Stem Cell Reports, 2016, 6, 985-992.	4.8	54
88	Tle1 tumor suppressor negatively regulates inflammation in vivo and modulates NF- κ B inflammatory pathway. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1871-1876.	7.1	62
89	Endogenous transmembrane protein UT2 inhibits pSTAT3 and suppresses hematological malignancy. Journal of Clinical Investigation, 2016, 126, 1300-1310.	8.2	9
90	Inhibition of the Enzyme Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. Blood, 2016, 128, 1656-1656.	1.4	3

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91	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. Blood, 2016, 128, 368-368.	1.4	0
92	Transcriptome comparison of distinct osteolineage subsets in the hematopoietic stem cell niche using a triple fluorescent transgenic mouse model. Genomics Data, 2015, 5, 318-319.	1.3	1
93	Harnessing the apoptotic programs in cancer stem-like cells. EMBO Reports, 2015, 16, 1084-1098.	4.5	53
94	Not All Created Equal: Lineage Hard-Wiring in the Production of Blood. Cell, 2015, 163, 1568-1570.	28.9	19
95	Niche-Based Screening in Multiple Myeloma Identifies a Kinesin-5 Inhibitor with Improved Selectivity over Hematopoietic Progenitors. Cell Reports, 2015, 10, 755-770.	6.4	21
96	Specific bone cells produce DLL4 to generate thymus-seeding progenitors from bone marrow. Journal of Experimental Medicine, 2015, 212, 759-774.	8.5	122
97	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. Cell Stem Cell, 2015, 16, 477-487.	11.1	168
98	Mesenchymal Cell Contributions to the Stem Cell Niche. Cell Stem Cell, 2015, 16, 239-253.	11.1	444
99	Notch Receptor-Ligand Engagement Maintains Hematopoietic Stem Cell Quiescence and Niche Retention. Stem Cells, 2015, 33, 2280-2293.	3.2	34
100	A hostel for the hostile: the bone marrow niche in hematologic neoplasms. Haematologica, 2015, 100, 1376-1387.	3.5	90
101	Global transcriptome analysis of T-competent progenitors in the bone marrow. Genomics Data, 2015, 5, 100-102.	1.3	0
102	Bone marrow stem cells: current and emerging concepts. Annals of the New York Academy of Sciences, 2015, 1335, 32-44.	3.8	75
103	Engineering pulmonary vasculature in decellularized rat and human lungs. Nature Biotechnology, 2015, 33, 1097-1102.	17.5	199
104	Ischemic Stroke Activates Hematopoietic Bone Marrow Stem Cells. Circulation Research, 2015, 116, 407-417.	4.5	182
105	Distinct Bone Marrow Blood Vessels Differentially Regulate Normal and Malignant Hematopoietic Stem and Progenitor Cells. Blood, 2015, 126, 664-664.	1.4	1
106	Targeting the Warburg effect for leukemia therapy: Magnitude matters. Molecular and Cellular Oncology, 2015, 2, e981988.	0.7	6
107	Heterogeneity in the Making of Blood. Blood, 2015, 126, SCI-27-SCI-27.	1.4	0
108	Blood loses it when nerves go bad. Cell Research, 2014, 24, 1151-1152.	12.0	2

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109	Bone's dark side: mutated osteoblasts implicated in leukemia. Cell Research, 2014, 24, 383-384.	12.0	5
110	Transmembrane Inhibitor of RICTOR/mTORC2 in Hematopoietic Progenitors. Stem Cell Reports, 2014, 3, 832-840.	4.8	17
111	Sex steroid blockade enhances thymopoiesis by modulating Notch signaling. Journal of Experimental Medicine, 2014, 211, 2341-2349.	8.5	95
112	Direct measurement of local oxygen concentration in the bone marrow of live animals. Nature, 2014, 508, 269-273.	27.8	933
113	Nice Neighborhood: Emerging Concepts of the Stem Cell Niche. Cell, 2014, 157, 41-50.	28.9	307
114	Tic-TACs: Refreshing Hair Growth. Cell, 2014, 157, 769-770.	28.9	3
115	The bone marrow niche for haematopoietic stem cells. Nature, 2014, 505, 327-334.	27.8	1,910
116	D-Cyclins Repress Apoptosis in Hematopoietic Cells by Controlling Death Receptor Fas and Its Ligand FasL. Developmental Cell, 2014, 30, 255-267.	7.0	27
117	Cell-State-Specific Metabolic Dependency in Hematopoiesis and Leukemogenesis. Cell, 2014, 158, 1309-1323.	28.9	289
118	Deep diving in the blood stem cell home. EMBO Journal, 2014, 33, 2281-2282.	7.8	0
119	SnapShot: The Hematopoietic Stem Cell Niche. Cell, 2014, 158, 228-228.e1.	28.9	19
120	Bayesian approach to single-cell differential expression analysis. Nature Methods, 2014, 11, 740-742.	19.0	1,186
121	Sequential in vivo Imaging of Osteogenic Stem/Progenitor Cells During Fracture Repair. Journal of Visualized Experiments, 2014, , .	0.3	12
122	Inhibiting stromal cell heparan sulfate synthesis improves stem cell mobilization and enables engraftment without cytotoxic conditioning. Blood, 2014, 124, 2937-2947.	1.4	39
123	Cellular thrust and parry in the leukemic niche. Blood, 2014, 124, 2760-2761.	1.4	4
124	Clonal-Heterogeneity and Propensity for Bone Metastasis in Multiple Myeloma. Blood, 2014, 124, 3370-3370.	1.4	1
125	Proximity-Based Single Cell Analysis of the Bone Marrow Niche Identifies Interleukin-18 As a Quiescence Regulator of Early Hematopoietic Progenitors. Blood, 2014, 124, 773-773.	1.4	1
126	Loss of Notch Receptor-Ligand Engagement Leads to Increased Hematopoietic Stem and Progenitor Cell Egress and Mobilization. Blood, 2014, 124, 652-652.	1.4	0

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127	Differential regulation of myeloid leukemias by the bone marrow microenvironment. Nature Medicine, 2013, 19, 1513-1517.	30.7	233
128	Myelopoiesis is regulated by osteocytes through GsÎ±-dependent signaling. Blood, 2013, 121, 930-939.	1.4	146
129	Differential stem- and progenitor-cell trafficking by prostaglandin E2. Nature, 2013, 495, 365-369.	27.8	132
130	Ex Vivo expansion Of Umbilical Cord Blood CD34+ Cells Under Hypoxic Conditions Using Novel Compound#999 With Cytokines. Blood, 2013, 122, 4508-4508.	1.4	1
131	Human and Murine Î²-Defensin-Derived Peptides Induce Rapid Mobilization Of Murine Hematopoietic Stem and Progenitor Cells Via Activation Of CXCR4 Signaling and CXCL12 Release. Blood, 2013, 122, 890-890.	1.4	0
132	BCR-ABL1+ Leukemic Stem Cells Are Dependent On Selectin-Ligand Interactions For Engraftment In The Bone Marrow Niche. Blood, 2013, 122, 2703-2703.	1.4	0
133	Endogenous Bone Marrow MSCs Are Dynamic, Fate-Restricted Participants in Bone Maintenance and Regeneration. Cell Stem Cell, 2012, 10, 259-272.	11.1	551
134	Rethinking Stroma: Lessons from the Blood. Cell Stem Cell, 2012, 10, 648-649.	11.1	18
135	mTOR Complex 1 Plays Critical Roles in Hematopoiesis and Pten-Loss-Evoked Leukemogenesis. Cell Stem Cell, 2012, 11, 429-439.	11.1	172
136	The secrets of the bone marrow niche: Metabolic priming for AML. Nature Medicine, 2012, 18, 865-867.	30.7	15
137	The bone marrow at the crossroads of blood and immunity. Nature Reviews Immunology, 2012, 12, 49-60.	22.7	268
138	Differential Regulation of Myeloid Leukemias by the Bone Marrow Microenvironment. Blood, 2012, 120, 1245-1245.	1.4	1
139	Identifying Small Molecules That Overcome HoxA9-Mediated Differentiation Arrest in Acute Myeloid Leukemia. Blood, 2012, 120, 3513-3513.	1.4	0
140	In vivo imaging of Treg cells providing immune privilege to the haematopoietic stem-cell niche. Nature, 2011, 474, 216-219.	27.8	502
141	AKT/FOXO Signaling Enforces Reversible Differentiation Blockade in Myeloid Leukemias. Cell, 2011, 146, 697-708.	28.9	232
142	In vivo imaging of transplanted hematopoietic stem and progenitor cells in mouse calvarium bone marrow. Nature Protocols, 2011, 6, 1-14.	12.0	135
143	Diabetes Impairs Hematopoietic Stem Cell Mobilization by Altering Niche Function. Science Translational Medicine, 2011, 3, 104ra101.	12.4	254
144	Parathyroid Hormone-Induced Modulation of the Bone Marrow Microenvironment Reduces Leukemic Stem Cells in Murine Chronic Myelogenous-Leukemia-Like Disease Via a TGFbeta-Dependent Pathway. Blood, 2011, 118, 1670-1670.	1.4	1

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145	Osteocytes Support Hematopoiesis by Altering the Bone Marrow Microenvironment Through Gs α Signaling. Blood, 2011, 118, 219-219.	1.4	4
146	Real-Time RT-PCR Analysis of Individual Osteolineage Cells within the Hematopoietic Stem Cell Niche. Blood, 2011, 118, 2389-2389.	1.4	0
147	Bone progenitor dysfunction induces myelodysplasia and secondary leukaemia. Nature, 2010, 464, 852-857.	27.8	980
148	Mesenchymal and haematopoietic stem cells form a unique bone marrow niche. Nature, 2010, 466, 829-834.	27.8	2,935
149	CYC065, a Potent Derivative of Seliciclib Is Active In Multiple Myeloma In Preclinical Studies. Blood, 2010, 116, 2999-2999.	1.4	1
150	Lenalidomide In Combination with the Activin Receptor Type II Murine Fc Protein RAP-011: Preclinical Rationale for a Novel Anti-Myeloma Strategy. Blood, 2010, 116, 4075-4075.	1.4	1
151	Parathyroid Hormone-Induced Modulation of the Bone Marrow Microenvironment Inhibits the Development of Murine Chronic Myelogenous-Leukemia-Like Disease. Blood, 2010, 116, 937-937.	1.4	0
152	Role of BMP Signaling In the Anemia of Chronic Disease. Blood, 2010, 116, 2043-2043.	1.4	0
153	Vav1 Regulates Perivascular Homing, Bone Marrow Retention and Engraftment of Hematopoietic Stem Cells Via SDF1 α Signaling. Blood, 2010, 116, 400-400.	1.4	0
154	Live-animal tracking of individual haematopoietic stem/progenitor cells in their niche. Nature, 2009, 457, 92-96.	27.8	800
155	Role of the Osteoblast Lineage in the Bone Marrow Hematopoietic Niches. Journal of Bone and Mineral Research, 2009, 24, 759-764.	2.8	94
156	CCL3 Impairs Osteoblast Function Via Downregulation of Osteocalcin.. Blood, 2009, 114, 739-739.	1.4	0
157	A Regulatory Network Between Notch and AKT Signaling Pathways Differentially Controls Megakaryocyte Development From Hematopoietic Stem or Committed Progenitor Cells.. Blood, 2009, 114, 384-384.	1.4	1
158	Regulation of Rho GTPases by the Hematopoietic-Specific Guanine Nucleotide Exchange Factor Vav1 Is Critical for Hematopoietic Stem Cell Retention in the Endosteal Niche and Engraftment.. Blood, 2009, 114, 80-80.	1.4	0
159	Deconstructing stem cell self-renewal: genetic insights into cell-cycle regulation. Nature Reviews Genetics, 2008, 9, 115-128.	16.3	755
160	Wnt Signaling in the Niche Enforces Hematopoietic Stem Cell Quiescence and Is Necessary to Preserve Self-Renewal In Vivo. Cell Stem Cell, 2008, 2, 274-283.	11.1	436
161	Osteoblastic regulation of B lymphopoiesis is mediated by G α -dependent signaling pathways. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16976-16981.	7.1	222
162	Promoting Osteoblastogenesis Using a Novel Dkk-1 Neutralizing Antibody in the Treatment of Multiple Myeloma Related Bone Disease. Blood, 2008, 112, 2739-2739.	1.4	3

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163	A Microenvironment-Induced Myeloproliferative Syndrome Caused by Retinoic Acid Receptor β Deficiency. <i>Cell</i> , 2007, 129, 1097-1110.	28.9	490
164	The stem cell niche in health and leukemic disease. <i>Best Practice and Research in Clinical Haematology</i> , 2007, 20, 19-27.	1.7	62
165	Therapeutic targeting of a stem cell niche. <i>Nature Biotechnology</i> , 2007, 25, 238-243.	17.5	288
166	The weight of cell identity. <i>Journal of Clinical Investigation</i> , 2007, 117, 3653-3655.	8.2	8
167	Case 30-2006. <i>New England Journal of Medicine</i> , 2006, 355, 1358-1368.	27.0	7
168	Nucleotide Receptor P2Y ₁₄ Modulates Hematopoietic Stem Cell Response to Tissue Injury Altering Stem Cell Preservation and Tissue Recovery.. <i>Blood</i> , 2006, 108, 679-679.	1.4	1
169	Bortezomib Induces Proliferation of Mesenchymal Progenitor Cells and Promotes Differentiation towards Osteoblastic Lineage.. <i>Blood</i> , 2006, 108, 88-88.	1.4	13
170	Hematopoietic Stem Cell Engraftment in Bone Marrow Is Dependent upon Gs α .. <i>Blood</i> , 2006, 108, 857-857.	1.4	0
171	Neither Germinal Center (GC) vs Non-Germinal Center (Non-GC) Phenotype nor FOXP1 Expression Correlate with Outcome in AIDS-Associated Diffuse Large B-Cell Lymphoma (DLBCL): Study of Patients from AIDS Malignancies Consortium Trials 010 and 034.. <i>Blood</i> , 2006, 108, 2023-2023.	1.4	0
172	In vivo imaging of specialized bone marrow endothelial microdomains for tumour engraftment. <i>Nature</i> , 2005, 435, 969-973.	27.8	820
173	Adult Stem Cells. <i>American Journal of Transplantation</i> , 2005, 5, 193-193.	4.7	1
174	Osteopontin is a hematopoietic stem cell niche component that negatively regulates stem cell pool size. <i>Journal of Experimental Medicine</i> , 2005, 201, 1781-1791.	8.5	610
175	Dose Adjusted IV Busulfan/Cyclophosphamide (BU/CY) and Autologous (AU) Stem Cell Transplantation (SCT) for Recurrent Lymphoma.. <i>Blood</i> , 2004, 104, 1884-1884.	1.4	1
176	Matrix Glycoprotein Osteopontin Is a Stem Cell Niche Constituent That Constrains the Hematopoietic Stem Cell Pool Size.. <i>Blood</i> , 2004, 104, 664-664.	1.4	3
177	Unique Expression of Platelet Endothelial Cell Adhesion Molecule-1 (PECAM-1/CD31) on Embryonic Stem Cells.. <i>Blood</i> , 2004, 104, 3914-3914.	1.4	0
178	Specialized Bone Marrow Endothelium Defines Microdomains for Tumor and Stem Cell Engraftment.. <i>Blood</i> , 2004, 104, 663-663.	1.4	0
179	Stem cells and immune reconstitution in AIDS. <i>Blood Reviews</i> , 2003, 17, 227-231.	5.7	8
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