

David T Scadden

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

27,652
citations

15001

68
h-index

7043

159
g-index

214
all docs

214
docs citations

214
times ranked

35480
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune-responsive biodegradable scaffolds for enhancing neutrophil regeneration. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	2
2	Proton export alkalinizes intracellular pH and reprograms carbon metabolism to drive normal and malignant cell growth. <i>Blood</i> , 2022, 139, 502-522.	0.6	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. <i>Nature Immunology</i> , 2022, 23, 605-618.	7.0	33
5	Abstract 982: A new transcriptional metastatic signature predicts survival in clear cell renal cell carcinoma. <i>Cancer Research</i> , 2022, 82, 982-982.	0.4	0
6	Recent advances in "sickle and niche" research - Tribute to Dr. Paul S Frenette -. <i>Stem Cell Reports</i> , 2022, 17, 1509-1535.	2.3	8
7	In vivo genome-wide CRISPR screening in murine acute myeloid leukemia uncovers microenvironmental dependencies. <i>Blood Advances</i> , 2022, 6, 5072-5084.	2.5	6
8	Progression signature underlies clonal evolution and dissemination of multiple myeloma. <i>Blood</i> , 2021, 137, 2360-2372.	0.6	26
9	Efficacy and safety of anti-CD45 "saporin as conditioning agent for RAG deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 309-320.e6.	1.5	27
10	The skeletal stem cell. , 2021, , 75-98.		0
11	Analysis of Leukemia Cell Metabolism through Stable Isotope Tracing in Mice. <i>Bio-protocol</i> , 2021, 11, e4171.	0.2	1
12	Imaging dynamic mTORC1 pathway activity in vivo reveals marked shifts that support time-specific inhibitor therapy in AML. <i>Nature Communications</i> , 2021, 12, 245.	5.8	18
13	Young haematopoietic stem cells are picky eaters. <i>Cell Research</i> , 2021, 31, 377-378.	5.7	1
14	Malic enzyme 2 connects the Krebs cycle intermediate fumarate to mitochondrial biogenesis. <i>Cell Metabolism</i> , 2021, 33, 1027-1041.e8.	7.2	30
15	Metabolic perturbations sensitize triple-negative breast cancers to apoptosis induced by BH3 mimetics. <i>Science Signaling</i> , 2021, 14, .	1.6	10
16	In memory of Paul Sylvain Frenette, a pioneering explorer of the hematopoietic stem cell niche who left far too early. <i>Experimental Hematology</i> , 2021, , .	0.2	0
17	tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. <i>Cell Stem Cell</i> , 2021, 28, 2090-2103.e9.	5.2	20
18	Human prostate cancer bone metastases have an actionable immunosuppressive microenvironment. <i>Cancer Cell</i> , 2021, 39, 1464-1478.e8.	7.7	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.	0.7	1
20	Chromatin-state barriers enforce an irreversible mammalian cell fate decision. Cell Reports, 2021, 37, 109967.	2.9	28
21	Inhibition of S-Adenosylmethionine Synthesis Promotes Erythropoiesis Via Epigenetic Modifications. Blood, 2021, 138, 1991-1991.	0.6	0
22	Spatial Transcriptomics Reveals DPP4 As Novel Marker of a More Proliferative Phenotype in Early AML Progression. Blood, 2021, 138, 3310-3310.	0.6	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.	0.6	0
24	Low NCOR2 levels in multiple myeloma patients drive multidrug resistance via MYC upregulation. Blood Cancer Journal, 2021, 11, 194.	2.8	5
25	Lactate Dehydrogenase A Governs Cardiac Hypertrophic Growth in Response to Hemodynamic Stress. Cell Reports, 2020, 32, 108087.	2.9	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.	1.8	19
27	Induction of a Timed Metabolic Collapse to Overcome Cancer Chemoresistance. Cell Metabolism, 2020, 32, 391-403.e6.	7.2	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.	0.6	63
29	Cell interactions in the bone marrow microenvironment affecting myeloid malignancies. Blood Advances, 2020, 4, 3795-3803.	2.5	42
30	VEGF-C protects the integrity of the bone marrow perivascular niche in mice. Blood, 2020, 136, 1871-1883.	0.6	38
31	C9orf72 suppresses systemic and neural inflammation induced by gut bacteria. Nature, 2020, 582, 89-94.	13.7	182
32	Aldehyde dehydrogenase 3a2 protects AML cells from oxidative death and the synthetic lethality of ferroptosis inducers. Blood, 2020, 136, 1303-1316.	0.6	68
33	Lipid availability determines fate of skeletal progenitor cells via SOX9. Nature, 2020, 579, 111-117.	13.7	140
34	A biomaterial-based vaccine eliciting durable tumour-specific responses against acute myeloid leukaemia. Nature Biomedical Engineering, 2020, 4, 40-51.	11.6	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.	0.6	3
36	Reversing Clonal Hematopoiesis and Associated Atherosclerotic Disease By Targeted Antibody-Drug-Conjugate (ADC) Conditioning and Transplant. Blood, 2020, 136, 34-35.	0.6	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.	3.3	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.	5.2	96
39	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. Nature Medicine, 2019, 25, 1761-1771.	15.2	157
40	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. Cell, 2019, 177, 1915-1932.e16.	13.5	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.	5.2	78
42	Ptpn21 Controls Hematopoietic Stem Cell Homeostasis and Biomechanics. Cell Stem Cell, 2019, 24, 608-620.e6.	5.2	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.	5.8	130
44	An injectable bone marrow-like scaffold enhances T cell immunity after hematopoietic stem cell transplantation. Nature Biotechnology, 2019, 37, 293-302.	9.4	79
45	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. Circulation Research, 2019, 124, 1372-1385.	2.0	50
46	Metcalf Lecture Award: Applying niche biology to engineer T-cell regenerative therapies. Experimental Hematology, 2019, 80, 1-10.	0.2	1
47	Identification of Functionally Distinct Mx1+ \pm SMA+ Periosteal Skeletal Stem Cells. Cell Stem Cell, 2019, 25, 784-796.e5.	5.2	128
48	Growing old in the age of heterogeneity: the perils of shifting clonality. Current Opinion in Hematology, 2019, 26, 222-227.	1.2	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.	0.6	1
51	Thymus Regeneration Is Dependent on Distinct Mesenchymal Stromal Cell Populations. Blood, 2019, 134, 586-586.	0.6	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.	0.6	1
53	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. Cell, 2018, 172, 191-204.e10.	13.5	92
54	Sipa1 deficiency-induced bone marrow niche alterations lead to the initiation of myeloproliferative neoplasm. Blood Advances, 2018, 2, 534-548.	2.5	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. <i>Cancer Research</i> , 2018, 78, 5300-5314.	0.4	22
57	dropEst: pipeline for accurate estimation of molecular counts in droplet-based single-cell RNA-seq experiments. <i>Genome Biology</i> , 2018, 19, 78.	3.8	159
58	The Wave2 scaffold Hem-1 is required for transition of fetal liver hematopoiesis to bone marrow. <i>Nature Communications</i> , 2018, 9, 2377.	5.8	15
59	The NOTCH1/CD44 axis drives pathogenesis in a T cell acute lymphoblastic leukemia model. <i>Journal of Clinical Investigation</i> , 2018, 128, 2802-2818.	3.9	48
60	DHODH Inhibitors in the Treatment of Acute Myeloid Leukemia: Defining the Mechanism of Action and the Basis of the Metabolic Therapeutic Window. <i>Blood</i> , 2018, 132, 2716-2716.	0.6	2
61	Shipping mouse bone marrow: Keep it in the bone. <i>Experimental Hematology</i> , 2017, 49, 68-72.	0.2	5
62	Hematopoiesis: Reconciling Historic Controversies about the Niche. <i>Cell Stem Cell</i> , 2017, 20, 590-592.	5.2	28
63	ZFP521 regulates murine hematopoietic stem cell function and facilitates MLL-AF9 leukemogenesis in mouse and human cells. <i>Blood</i> , 2017, 130, 619-624.	0.6	20
64	The metabolic regulator mTORC1 controls terminal myeloid differentiation. <i>Science Immunology</i> , 2017, 2, .	5.6	23
65	Written in bone: young bone makes young blood. <i>EMBO Journal</i> , 2017, 36, 831-833.	3.5	3
66	Bone marrow-derived immature myeloid cells are a main source of circulating suPAR contributing to proteinuric kidney disease. <i>Nature Medicine</i> , 2017, 23, 100-106.	15.2	121
67	Preclinical modeling highlights the therapeutic potential of hematopoietic stem cell gene editing for correction of SCID-X1. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	176
68	Osteoblasts remotely supply lung tumors with cancer-promoting SiglecF ^{high} neutrophils. <i>Science</i> , 2017, 358, .	6.0	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. <i>Journal of Clinical Investigation</i> , 2017, 127, 1405-1413.	3.9	23
71	Bone marrow drives central nervous system regeneration after radiation injury. <i>Journal of Clinical Investigation</i> , 2017, 128, 281-293.	3.9	36
72	Osteoblastic Cell-Derived Extracellular Vesicles Transfer Small RNAs That Alter the Physiology of Hematopoietic Cells <i>In Vivo</i> . <i>Blood</i> , 2017, 130, 93-93.	0.6	0

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73	A Novel System for the Study of Neutrophil-Fungal Interactions. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
74	Hematopoietic Stem Cell Niche in Health and Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 555-581.	9.6	129
75	Distinct bone marrow blood vessels differentially regulate haematopoiesis. <i>Nature</i> , 2016, 532, 323-328.	13.7	553
76	Blood and Bone. <i>New England Journal of Medicine</i> , 2016, 374, 1891-1893.	13.9	3
77	Heterogeneity of the bone marrow niche. <i>Current Opinion in Hematology</i> , 2016, 23, 331-338.	1.2	83
78	Distinctive Mesenchymal-Parenchymal Cell Pairings Govern B Cell Differentiation in the Bone Marrow. <i>Stem Cell Reports</i> , 2016, 7, 220-235.	2.3	43
79	Development of ML390: A Human DHODH Inhibitor That Induces Differentiation in Acute Myeloid Leukemia. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1112-1117.	1.3	51
80	Angiogenin Promotes Hematopoietic Regeneration by Dichotomously Regulating Quiescence of Stem and Progenitor Cells. <i>Cell</i> , 2016, 166, 894-906.	13.5	150
81	Proximity-Based Differential Single-Cell Analysis of the Niche to Identify Stem/Progenitor Cell Regulators. <i>Cell Stem Cell</i> , 2016, 19, 530-543.	5.2	136
82	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. <i>Cell</i> , 2016, 167, 171-186.e15.	13.5	353
83	PHD3 Loss in Cancer Enables Metabolic Reliance on Fatty Acid Oxidation via Deactivation of ACC2. <i>Molecular Cell</i> , 2016, 63, 1006-1020.	4.5	120
84	Epigenetic Memory Underlies Cell-Autonomous Heterogeneous Behavior of Hematopoietic Stem Cells. <i>Cell</i> , 2016, 167, 1310-1322.e17.	13.5	153
85	Leukaemogenic effects of Ptpn11 activating mutations in the stem cell microenvironment. <i>Nature</i> , 2016, 539, 304-308.	13.7	210
86	Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. <i>Nature Biotechnology</i> , 2016, 34, 738-745.	9.4	176
87	Single Targeted Exon Mutation Creates a True Congenic Mouse for Competitive Hematopoietic Stem Cell Transplantation: The C57BL/6-CD45.1STEM Mouse. <i>Stem Cell Reports</i> , 2016, 6, 985-992.	2.3	54
88	Tle1 tumor suppressor negatively regulates inflammation in vivo and modulates NF- κ B inflammatory pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1871-1876.	3.3	62
89	Endogenous transmembrane protein UT2 inhibits pSTAT3 and suppresses hematological malignancy. <i>Journal of Clinical Investigation</i> , 2016, 126, 1300-1310.	3.9	9
90	Inhibition of the Enzyme Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. <i>Blood</i> , 2016, 128, 1656-1656.	0.6	3

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91	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. <i>Blood</i> , 2016, 128, 368-368.	0.6	0
92	Transcriptome comparison of distinct osteolineage subsets in the hematopoietic stem cell niche using a triple fluorescent transgenic mouse model. <i>Genomics Data</i> , 2015, 5, 318-319.	1.3	1
93	Harnessing the apoptotic programs in cancer stem-like cells. <i>EMBO Reports</i> , 2015, 16, 1084-1098.	2.0	53
94	Not All Created Equal: Lineage Hard-Wiring in the Production of Blood. <i>Cell</i> , 2015, 163, 1568-1570.	13.5	19
95	Niche-Based Screening in Multiple Myeloma Identifies a Kinesin-5 Inhibitor with Improved Selectivity over Hematopoietic Progenitors. <i>Cell Reports</i> , 2015, 10, 755-770.	2.9	21
96	Specific bone cells produce DLL4 to generate thymus-seeding progenitors from bone marrow. <i>Journal of Experimental Medicine</i> , 2015, 212, 759-774.	4.2	122
97	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2015, 16, 477-487.	5.2	168
98	Mesenchymal Cell Contributions to the Stem Cell Niche. <i>Cell Stem Cell</i> , 2015, 16, 239-253.	5.2	444
99	Notch Receptor-Ligand Engagement Maintains Hematopoietic Stem Cell Quiescence and Niche Retention. <i>Stem Cells</i> , 2015, 33, 2280-2293.	1.4	34
100	A hostel for the hostile: the bone marrow niche in hematologic neoplasms. <i>Haematologica</i> , 2015, 100, 1376-1387.	1.7	90
101	Global transcriptome analysis of T-competent progenitors in the bone marrow. <i>Genomics Data</i> , 2015, 5, 100-102.	1.3	0
102	Bone marrow stem cells: current and emerging concepts. <i>Annals of the New York Academy of Sciences</i> , 2015, 1335, 32-44.	1.8	75
103	Engineering pulmonary vasculature in decellularized rat and human lungs. <i>Nature Biotechnology</i> , 2015, 33, 1097-1102.	9.4	199
104	Ischemic Stroke Activates Hematopoietic Bone Marrow Stem Cells. <i>Circulation Research</i> , 2015, 116, 407-417.	2.0	182
105	Distinct Bone Marrow Blood Vessels Differentially Regulate Normal and Malignant Hematopoietic Stem and Progenitor Cells. <i>Blood</i> , 2015, 126, 664-664.	0.6	1
106	Targeting the Warburg effect for leukemia therapy: Magnitude matters. <i>Molecular and Cellular Oncology</i> , 2015, 2, e981988.	0.3	6
107	Heterogeneity in the Making of Blood. <i>Blood</i> , 2015, 126, SCI-27-SCI-27.	0.6	0
108	Blood loses it when nerves go bad. <i>Cell Research</i> , 2014, 24, 1151-1152.	5.7	2

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109	Bone's dark side: mutated osteoblasts implicated in leukemia. <i>Cell Research</i> , 2014, 24, 383-384.	5.7	5
110	Transmembrane Inhibitor of RICTOR/mTORC2 in Hematopoietic Progenitors. <i>Stem Cell Reports</i> , 2014, 3, 832-840.	2.3	17
111	Sex steroid blockade enhances thymopoiesis by modulating Notch signaling. <i>Journal of Experimental Medicine</i> , 2014, 211, 2341-2349.	4.2	95
112	Direct measurement of local oxygen concentration in the bone marrow of live animals. <i>Nature</i> , 2014, 508, 269-273.	13.7	933
113	Nice Neighborhood: Emerging Concepts of the Stem Cell Niche. <i>Cell</i> , 2014, 157, 41-50.	13.5	307
114	Tic-TACs: Refreshing Hair Growth. <i>Cell</i> , 2014, 157, 769-770.	13.5	3
115	The bone marrow niche for haematopoietic stem cells. <i>Nature</i> , 2014, 505, 327-334.	13.7	1,910
116	D-Cyclins Repress Apoptosis in Hematopoietic Cells by Controlling Death Receptor Fas and Its Ligand FasL. <i>Developmental Cell</i> , 2014, 30, 255-267.	3.1	27
117	Cell-State-Specific Metabolic Dependency in Hematopoiesis and Leukemogenesis. <i>Cell</i> , 2014, 158, 1309-1323.	13.5	289
118	Deep diving in the blood stem cell home. <i>EMBO Journal</i> , 2014, 33, 2281-2282.	3.5	0
119	SnapShot: The Hematopoietic Stem Cell Niche. <i>Cell</i> , 2014, 158, 228-228.e1.	13.5	19
120	Bayesian approach to single-cell differential expression analysis. <i>Nature Methods</i> , 2014, 11, 740-742.	9.0	1,186
121	Sequential in vivo Imaging of Osteogenic Stem/Progenitor Cells During Fracture Repair. <i>Journal of Visualized Experiments</i> , 2014, . .	0.2	12
122	Inhibiting stromal cell heparan sulfate synthesis improves stem cell mobilization and enables engraftment without cytotoxic conditioning. <i>Blood</i> , 2014, 124, 2937-2947.	0.6	39
123	Cellular thrust and parry in the leukemic niche. <i>Blood</i> , 2014, 124, 2760-2761.	0.6	4
124	Clonal-Heterogeneity and Propensity for Bone Metastasis in Multiple Myeloma. <i>Blood</i> , 2014, 124, 3370-3370.	0.6	1
125	Proximity-Based Single Cell Analysis of the Bone Marrow Niche Identifies Interleukin-18 As a Quiescence Regulator of Early Hematopoietic Progenitors. <i>Blood</i> , 2014, 124, 773-773.	0.6	1
126	Loss of Notch Receptor-Ligand Engagement Leads to Increased Hematopoietic Stem and Progenitor Cell Egress and Mobilization. <i>Blood</i> , 2014, 124, 652-652.	0.6	0

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127	Differential regulation of myeloid leukemias by the bone marrow microenvironment. <i>Nature Medicine</i> , 2013, 19, 1513-1517.	15.2	233
128	Myelopoiesis is regulated by osteocytes through Gs μ -dependent signaling. <i>Blood</i> , 2013, 121, 930-939.	0.6	146
129	Differential stem- and progenitor-cell trafficking by prostaglandin E2. <i>Nature</i> , 2013, 495, 365-369.	13.7	132
130	Ex Vivo expansion Of Umbilical Cord Blood CD34+ Cells Under Hypoxic Conditions Using Novel Compound#999 With Cytokines. <i>Blood</i> , 2013, 122, 4508-4508.	0.6	1
131	Human and Murine β -Defensin-Derived Peptides Induce Rapid Mobilization Of Murine Hematopoietic Stem and Progenitor Cells Via Activation Of CXCR4 Signaling and CXCL12 Release. <i>Blood</i> , 2013, 122, 890-890.	0.6	0
132	BCR-ABL1+ Leukemic Stem Cells Are Dependent On Selectin-Ligand Interactions For Engraftment In The Bone Marrow Niche. <i>Blood</i> , 2013, 122, 2703-2703.	0.6	0
133	Endogenous Bone Marrow MSCs Are Dynamic, Fate-Restricted Participants in Bone Maintenance and Regeneration. <i>Cell Stem Cell</i> , 2012, 10, 259-272.	5.2	551
134	Rethinking Stroma: Lessons from the Blood. <i>Cell Stem Cell</i> , 2012, 10, 648-649.	5.2	18
135	mTOR Complex 1 Plays Critical Roles in Hematopoiesis and Pten-Loss-Evoked Leukemogenesis. <i>Cell Stem Cell</i> , 2012, 11, 429-439.	5.2	172
136	The secrets of the bone marrow niche: Metabolic priming for AML. <i>Nature Medicine</i> , 2012, 18, 865-867.	15.2	15
137	The bone marrow at the crossroads of blood and immunity. <i>Nature Reviews Immunology</i> , 2012, 12, 49-60.	10.6	268
138	Differential Regulation of Myeloid Leukemias by the Bone Marrow Microenvironment. <i>Blood</i> , 2012, 120, 1245-1245.	0.6	1
139	Identifying Small Molecules That Overcome HoxA9-Mediated Differentiation Arrest in Acute Myeloid Leukemia. <i>Blood</i> , 2012, 120, 3513-3513.	0.6	0
140	In vivo imaging of Treg cells providing immune privilege to the haematopoietic stem-cell niche. <i>Nature</i> , 2011, 474, 216-219.	13.7	502
141	AKT/FOXO Signaling Enforces Reversible Differentiation Blockade in Myeloid Leukemias. <i>Cell</i> , 2011, 146, 697-708.	13.5	232
142	In vivo imaging of transplanted hematopoietic stem and progenitor cells in mouse calvarium bone marrow. <i>Nature Protocols</i> , 2011, 6, 1-14.	5.5	135
143	Diabetes Impairs Hematopoietic Stem Cell Mobilization by Altering Niche Function. <i>Science Translational Medicine</i> , 2011, 3, 104ra101.	5.8	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. <i>Blood</i> , 2011, 118, 1670-1670.	0.6	1

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145	Osteocytes Support Hematopoiesis by Altering the Bone Marrow Microenvironment Through Gs $\hat{\pm}$ Signaling. <i>Blood</i> , 2011, 118, 219-219.	0.6	4
146	Real-Time RT-PCR Analysis of Individual Osteolineage Cells within the Hematopoietic Stem Cell Niche. <i>Blood</i> , 2011, 118, 2389-2389.	0.6	0
147	Bone progenitor dysfunction induces myelodysplasia and secondary leukaemia. <i>Nature</i> , 2010, 464, 852-857.	13.7	980
148	Mesenchymal and haematopoietic stem cells form a unique bone marrow niche. <i>Nature</i> , 2010, 466, 829-834.	13.7	2,935
149	CYC065, a Potent Derivative of Seliciclib Is Active In Multiple Myeloma In Preclinical Studies. <i>Blood</i> , 2010, 116, 2999-2999.	0.6	1
150	Lenalidomide In Combination with the Activin Receptor Type II Murine Fc Protein RAP-011: Preclinical Rationale for a Novel Anti-Myeloma Strategy. <i>Blood</i> , 2010, 116, 4075-4075.	0.6	1
151	Parathyroid Hormone-Induced Modulation of the Bone Marrow Microenvironment Inhibits the Development of Murine Chronic Myelogenous-Leukemia-Like Disease. <i>Blood</i> , 2010, 116, 937-937.	0.6	0
152	Role of BMP Signaling In the Anemia of Chronic Disease. <i>Blood</i> , 2010, 116, 2043-2043.	0.6	0
153	Vav1 Regulates Perivascular Homing, Bone Marrow Retention and Engraftment of Hematopoietic Stem Cells Via SDF1a Signaling. <i>Blood</i> , 2010, 116, 400-400.	0.6	0
154	Live-animal tracking of individual haematopoietic stem/progenitor cells in their niche. <i>Nature</i> , 2009, 457, 92-96.	13.7	800
155	Role of the Osteoblast Lineage in the Bone Marrow Hematopoietic Niches. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 759-764.	3.1	94
156	CCL3 Impairs Osteoblast Function Via Downregulation of Osteocalcin.. <i>Blood</i> , 2009, 114, 739-739.	0.6	0
157	A Regulatory Network Between Notch and AKT Signaling Pathways Differentially Controls Megakaryocyte Development From Hematopoietic Stem or Committed Progenitor Cells.. <i>Blood</i> , 2009, 114, 384-384.	0.6	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.. <i>Blood</i> , 2009, 114, 80-80.	0.6	0
159	Deconstructing stem cell self-renewal: genetic insights into cell-cycle regulation. <i>Nature Reviews Genetics</i> , 2008, 9, 115-128.	7.7	755
160	Wnt Signaling in the Niche Enforces Hematopoietic Stem Cell Quiescence and Is Necessary to Preserve Self-Renewal In Vivo. <i>Cell Stem Cell</i> , 2008, 2, 274-283.	5.2	436
161	Osteoblastic regulation of B lymphopoiesis is mediated by G _s-dependent signaling pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16976-16981.	3.3	222
162	Promoting Osteoblastogenesis Using a Novel Drk-1 Neutralizing Antibody in the Treatment of Multiple Myeloma Related Bone Disease. <i>Blood</i> , 2008, 112, 2739-2739.	0.6	3

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163	A Microenvironment-Induced Myeloproliferative Syndrome Caused by Retinoic Acid Receptor $\hat{\beta}$ Deficiency. <i>Cell</i> , 2007, 129, 1097-1110.	13.5	490
164	The stem cell niche in health and leukemic disease. <i>Best Practice and Research in Clinical Haematology</i> , 2007, 20, 19-27.	0.7	62
165	Therapeutic targeting of a stem cell niche. <i>Nature Biotechnology</i> , 2007, 25, 238-243.	9.4	288
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