Stem cell engraftment at the endosteal niche is specifie

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Citation Report

#	Article	IF	CITATIONS
1	The journey of developing hematopoietic stem cells. Development (Cambridge), 2006, 133, 3733-3744.	1.2	448
2	Potential clinical applications using stem cells derived from human umbilical cord blood. Reproductive BioMedicine Online, 2006, 13, 562-572.	1.1	22
3	Signaling pathways in self-renewing hematopoietic and leukemic stem cells: do all stem cells need a niche?. Human Molecular Genetics, 2006, 15, R210-R219.	1.4	102
4	Breaking out of the mold: diversity within adult stem cells and their niches. Current Opinion in Genetics and Development, 2006, 16, 463-468.	1.5	51
5	Maintaining Hematopoietic Stem Cells in the Vascular Niche. Immunity, 2006, 25, 862-864.	6.6	145
6	The stem cell niches in bone. Journal of Clinical Investigation, 2006, 116, 1195-1201.	3.9	667
7	Inhibition of RhoA GTPase activity enhances hematopoietic stem and progenitor cell proliferation and engraftment. Blood, 2006, 108, 2087-2094.	0.6	71
8	The stem cell niche: a new target in medicine. Current Opinion in Orthopaedics, 2006, 17, 398-404.	0.3	8
9	Advances in hematopoietic stem cell research through mouse genetics. Current Opinion in Hematology, 2006, 13, 209-215.	1.2	11
10	Stem cell homing. Current Opinion in Hematology, 2006, 13, 399-406.	1.2	131
11	The stem cell niche and bone metastasis. BoneKEy Osteovision, 2006, 3, 19-29.	0.6	3
12	The hematopoietic stem cell in its place. Nature Immunology, 2006, 7, 333-337.	7.0	408
13	Osteoclasts eat stem cells out of house and home. Nature Medicine, 2006, 12, 610-611.	15.2	19
14	Cross-dressing T cells go wild. Nature Medicine, 2006, 12, 611-612.	15.2	6
15	Osteoclasts degrade endosteal components and promote mobilization of hematopoietic progenitor cells. Nature Medicine, 2006, 12, 657-664.	15.2	697
16	Bone-marrow haematopoietic-stem-cell niches. Nature Reviews Immunology, 2006, 6, 93-106.	10.6	1,179
18	PTEN maintains haematopoietic stem cells and acts in lineage choice and leukaemia prevention. Nature, 2006, 441, 518-522.	13.7	767
19	The stem-cell niche as an entity of action. Nature, 2006, 441, 1075-1079.	13.7	1,665

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		CITATION REPORT		
#	Article		IF	CITATIONS
20	Stem-cell ageing modified by the cyclin-dependent kinase inhibitor p16INK4a. Nature, 2006, 443, 42	21-426.	13.7	1,011
21	The pleiotropic effects of the SDF-1–CXCR4 axis in organogenesis, regeneration and tumorigenes Leukemia, 2006, 20, 1915-1924.	is.	3.3	389
22	Location, allocation, relocation: isolating adult tissue stem cells in three dimensions. Current Opinion in Biotechnology, 2006, 17, 511-517.		3.3	11
23	Stem Cells and Their Niches. Science, 2006, 311, 1880-1885.		6.0	1,403
24	Adult neural stem cells, neurogenic niches, and cellular therapy. Stem Cell Reviews and Reports, 200 2, 213-219.)6,	5.6	89
25	Mechanisms of hematopoietic stem cell mobilization: When innate immunity assails the cells that n blood and bone. Experimental Hematology, 2006, 34, 996-1009.	iake	0.2	118
26	Understanding hematopoietic stem-cell microenvironments. Trends in Biochemical Sciences, 2006, 589-595.	31,	3.7	135
27	Haematopoietic stem cellsâ€"role of calcium-sensing receptor in bone marrow homing**Comment Adams GB, Chabner KT, Alley IR et al. Stem cell engraftment at the endosteal niche is specified by th calcium-sensing receptor. Nature 2006; 439: 599–603. Nephrology Dialysis Transplantation, 200 2072-2074.	on e 6, 21,	0.4	21
28	The Role of the Extracellullar Calcium-Sensing Receptor in Health and Disease. Experimental and Clinical Endocrinology and Diabetes, 2006, 114, 397-405.		0.6	37
29	Extracellular Calcium as a Candidate Mediator of Prostate Cancer Skeletal Metastasis. Cancer Research, 2006, 66, 9065-9073.		0.4	174
30	Requirement of the TRPC1 Cation Channel in the Generation of Transient Ca2+ Oscillations by the Calcium-sensing Receptor. Journal of Biological Chemistry, 2006, 281, 38730-38737.		1.6	44
31	Calcium-binding proteins and the EF-hand principle. New Comprehensive Biochemistry, 2007, 41, 5	1-93.	0.1	19
32	Rho GTPase Cdc42 coordinates hematopoietic stem cell quiescence and niche interaction in the bo marrow. Proceedings of the National Academy of Sciences of the United States of America, 2007, 1 5091-5096.	าe 04,	3.3	168
33	A low level of reactive oxygen species selects for primitive hematopoietic stem cells that may reside the low-oxygenic niche. Blood, 2007, 110, 3056-3063.	in	0.6	774
34	Calcium acts as a first messenger through the calcium-sensing receptor in the cardiovascular system Cardiovascular Research, 2007, 75, 457-467.	۱.	1.8	71
35	Therapeutic Approaches in Vascular Repair Induced by Adult Bone Marrow Cells and Circulating Progenitor Endothelial Cells. Current Pharmaceutical Design, 2007, 13, 3245-3251.		0.9	21
36	LEUKEMIA STEM CELLS: STUDYING THE ROOT OF LEUKEMIA. Gene Therapy and Regulation, 2007, C)3, 65-90.	0.3	0
37	The Multiple Roles of Osteoclasts in Host Defense: Bone Remodeling and Hematopoietic Stem Cell Mobilization. Annual Review of Immunology, 2007, 25, 51-69.		9.5	124

#	Article	IF	CITATIONS
38	The calcium-sensing receptor changes cell shape via a β-arrestin-1–ARNO–ARF6–ELMO protein network. Journal of Cell Science, 2007, 120, 2489-2497.	1.2	41
39	Bone homing of mesenchymal stem cells by ectopic α4 integrin expression. FASEB Journal, 2007, 21, 3917-3927.	0.2	153
40	Markers in normal and cancer stem cells. Cancer Biomarkers, 2007, 3, 211-231.	0.8	29
41	Annexin II expressed by osteoblasts and endothelial cells regulates stem cell adhesion, homing, and engraftment following transplantation. Blood, 2007, 110, 82-90.	0.6	143
42	Sustained alterations in biodistribution of stem/progenitor cells in Tie2Cre+α4f/f mice are hematopoietic cell autonomous. Blood, 2007, 109, 109-111.	0.6	49
43	Extracellular calcium sensing promotes human B-cell activation and function. Blood, 2007, 110, 3985-3995.	0.6	26
44	High-Dose Chemotherapy Followed by Autologous Hematopoietic Stem-Cell Transplantation for the Treatment of Solid Tumors in Adults: A Critical Review. Current Stem Cell Research and Therapy, 2007, 2, 65-82.	0.6	22
45	Stem Cell Migration: A Quintessential Stepping Stone to Successful Therapy. Current Stem Cell Research and Therapy, 2007, 2, 89-103.	0.6	47
46	Extracellular Calcium and cAMP: Second Messengers as "Third Messengers�. Physiology, 2007, 22, 320-327.	1.6	85
47	Calcium signaling in vertebrate embryonic patterning and morphogenesis. Developmental Biology, 2007, 307, 1-13.	0.9	129
48	Lack of Evidence that Hematopoietic Stem Cells Depend on N-Cadherin-Mediated Adhesion to Osteoblasts for Their Maintenance. Cell Stem Cell, 2007, 1, 204-217.	5.2	298
49	Riding the Waves: Neural and Nonneural Origins for Mesenchymal Stem Cells. Cell Stem Cell, 2007, 1, 129-130.	5.2	22
50	Does N-Cadherin Regulate Interaction of Hematopoietic Stem Cells with Their Niches?. Cell Stem Cell, 2007, 1, 127-129.	5.2	12
51	Limiting Factors in Murine Hematopoietic Stem Cell Assays. Cell Stem Cell, 2007, 1, 263-270.	5.2	246
52	Function of oxidative stress in the regulation of hematopoietic stem cell-niche interaction. Biochemical and Biophysical Research Communications, 2007, 363, 578-583.	1.0	115
53	Rb Regulates Interactions between Hematopoietic Stem Cells and Their BoneÂMarrow Microenvironment. Cell, 2007, 129, 1081-1095.	13.5	380
54	Niche-to-niche migration of bone-marrow-derived cells. Trends in Molecular Medicine, 2007, 13, 72-81.	3.5	204
55	Bone marrow cell-mediated cardiovascular repair: potential of combined therapies. Trends in Molecular Medicine, 2007, 13, 278-286.	3.5	34

#	Article	IF	CITATIONS
56	Signaling in adult stem cells. Frontiers in Bioscience - Landmark, 2007, 12, 3911.	3.0	32
57	The hematopoietic stem cell and its niche: a comparative view. Genes and Development, 2007, 21, 3044-3060.	2.7	191
58	Analysis of the Hematopoietic Stem Cell Niche. Current Protocols in Stem Cell Biology, 2007, 3, Unit 2A.5.	3.0	7
59	The stem cell niche in health and leukemic disease. Best Practice and Research in Clinical Haematology, 2007, 20, 19-27.	0.7	62
60	Murine allogeneic in vivo stem cell homing,. Journal of Cellular Physiology, 2007, 211, 386-391.	2.0	19
61	Microencapsulated feeder cells as a source of soluble factors for expansion of CD34+ hematopoietic stem cells. Biomaterials, 2007, 28, 4795-4805.	5.7	34
62	Differential contributions of haematopoietic stem cells to foetal and adult haematopoiesis: insights from functional analysis of transcriptional regulators. Oncogene, 2007, 26, 6750-6765.	2.6	25
63	Targeting the stem cell niche: squeezing blood from bones. Bone Marrow Transplantation, 2007, 39, 655-660.	1.3	29
64	Hematopoietic stem cells: generation and self-renewal. Cell Death and Differentiation, 2007, 14, 1851-1859.	5.0	87
65	Beyond tumorigenesis: cancer stem cells in metastasis. Cell Research, 2007, 17, 3-14.	5.7	551
66	Regulation of hematopoiesis and the hematopoietic stem cell niche by Wnt signaling pathways. Cell Research, 2007, 17, 746-758.	5.7	62
67	The central role of the chemokine receptor, CXCR4, in haemopoietic stem cell transplantation: will CXCR4 antagonists contribute to the treatment of blood disorders?. Vox Sanguinis, 2008, 94, 18-32.	0.7	25
68	Loss of Î ² -Catenin Impairs the Renewal of Normal and CML Stem Cells In Vivo. Cancer Cell, 2007, 12, 528-541.	7.7	569
69	Stem cell niches in mammals. Experimental Cell Research, 2007, 313, 3377-3385.	1.2	195
70	Structure and function of the human calciumâ€sensing receptor: insights from natural and engineered mutations and allosteric modulators. Journal of Cellular and Molecular Medicine, 2007, 11, 908-922.	1.6	116
71	Maintenance of Quiescent Hematopoietic Stem Cells in the Osteoblastic Niche. Annals of the New York Academy of Sciences, 2007, 1106, 41-53.	1.8	224
72	Dormant and Selfâ€Renewing Hematopoietic Stem Cells and Their Niches. Annals of the New York Academy of Sciences, 2007, 1106, 64-75.	1.8	202
73	Hematopoietic Stem Cell Trafficking. Annals of the New York Academy of Sciences, 2007, 1116, 392-413.	1.8	68

#	Article	IF	CITATIONS
74	Hematopoietic Progenitor Cell Mobilization Results in Hypoxia with Increased Hypoxia-Inducible Transcription Factor-1α and Vascular Endothelial Growth Factor A in Bone Marrow. Stem Cells, 2007, 25, 1954-1965.	1.4	128
75	The Paradoxical Dynamism of Marrow Stem Cells: Considerations of Stem Cells, Niches, and Microvesicles. Stem Cell Reviews and Reports, 2008, 4, 137-147.	5.6	90
76	The calcium-sensing receptor in bone. Journal of Bone and Mineral Metabolism, 2008, 26, 301-311.	1.3	37
77	Renal repair: role of bone marrow stem cells. Pediatric Nephrology, 2008, 23, 851-861.	0.9	27
78	Calcium receptor expression and function in oligodendrocyte commitment and lineage progression: Potential impact on reduced myelin basic protein in CaRâ€null mice. Journal of Neuroscience Research, 2008, 86, 2159-2167.	1.3	33
79	The hematopoietic stem cell niche: what are we trying to replicate?. Journal of Chemical Technology and Biotechnology, 2008, 83, 421-443.	1.6	50
80	Altered endochondral ossification in collagen X mouse models leads to impaired immune responses. Developmental Dynamics, 2008, 237, 2693-2704.	0.8	17
81	Tumor expressed PTHrP facilitates prostate cancerâ€induced osteoblastic lesions. International Journal of Cancer, 2008, 123, 2267-2278.	2.3	90
82	Hematopoietic Stem Cells Regulate Mesenchymal Stromal Cell Induction into Osteoblasts Thereby Participating in the Formation of the Stem Cell Niche. Stem Cells, 2008, 26, 2042-2051.	1.4	159
83	Stem Cell Niche, the Microenvironment and Immunological Crosstalk. Cellular and Molecular Immunology, 2008, 5, 107-112.	4.8	12
84	The bone marrow niche: habitat to hematopoietic and mesenchymal stem cells, and unwitting host to molecular parasites. Leukemia, 2008, 22, 941-950.	3.3	192
85	The role of the RB tumour suppressor pathway in oxidative stress responses in the haematopoietic system. Nature Reviews Cancer, 2008, 8, 769-781.	12.8	53
86	Uncertainty in the niches that maintain haematopoietic stem cells. Nature Reviews Immunology, 2008, 8, 290-301.	10.6	526
87	No place like home: anatomy and function of the stem cell niche. Nature Reviews Molecular Cell Biology, 2008, 9, 11-21.	16.1	659
88	A niche opportunity for stem cell therapeutics. Gene Therapy, 2008, 15, 96-99.	2.3	52
89	Transplantable marrow osteoprogenitors engraft in discrete saturable sites in the marrow microenvironment. Experimental Hematology, 2008, 36, 360-368.	0.2	22
90	Characterization and functional analysis of osteoblast-derived fibulins in the human hematopoietic stem cell niche. Experimental Hematology, 2008, 36, 1022-1034.	0.2	27
91	Interaction with human stromal cells enhances CXCR4 expression and engraftment of cord blood Linâ^'CD34â^' cells. Experimental Hematology, 2008, 36, 1121-1131.	0.2	9

#	Article	IF	CITATIONS
92	Widespread Nonhematopoietic Tissue Distribution by Transplanted Human Progenitor Cells with High Aldehyde Dehydrogenase Activity. Stem Cells, 2008, 26, 611-620.	1.4	77
94	Skeletal stem cells: Phenotype, biology and environmental niches informing tissue regeneration. Molecular and Cellular Endocrinology, 2008, 288, 11-21.	1.6	64
95	Communications between bone cells and hematopoietic stem cells. Archives of Biochemistry and Biophysics, 2008, 473, 193-200.	1.4	61
96	Haematopoietic stem cells niches: Interrelations between structure and function. Transfusion and Apheresis Science, 2008, 38, 261-268.	0.5	23
97	Stem Cell Regulation via Dynamic Interactions of the Nervous and Immune Systems with the Microenvironment. Cell Stem Cell, 2008, 3, 484-492.	5.2	115
98	Regulation of calcium-sensing-receptor trafficking and cell-surface expression by GPCRs and RAMPs. Trends in Pharmacological Sciences, 2008, 29, 633-639.	4.0	31
99	Extracellular calcium as an integrator of tissue function. International Journal of Biochemistry and Cell Biology, 2008, 40, 1467-1480.	1.2	97
100	Dock2 participates in bone marrow lympho-hematopoiesis. Biochemical and Biophysical Research Communications, 2008, 367, 90-96.	1.0	15
101	Stem Cells and Niches: Mechanisms That Promote Stem Cell Maintenance throughout Life. Cell, 2008, 132, 598-611.	13.5	1,706
102	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630.	13.5	304
102 103	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Inmunologia (Barcelona, Spain: 1987), 2008, 27, 22-35.	13.5 0.1	304 3
102 103 104	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Inmunologia (Barcelona, Spain: 1987), 2008, 27, 22-35. Stem Cell Niche: Microenvironment and Beyond. Journal of Biological Chemistry, 2008, 283, 9499-9503.	13.5 0.1 1.6	304 3 112
102 103 104 105	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Inmunologia (Barcelona, Spain: 1987), 2008, 27, 22-35. Stem Cell Niche: Microenvironment and Beyond. Journal of Biological Chemistry, 2008, 283, 9499-9503. Signaling pathways governing stem-cell fate. Blood, 2008, 111, 492-503.	13.5 0.1 1.6 0.6	304 3 112 318
102 103 104 105	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Inmunologia (Barcelona, Spain: 1987), 2008, 27, 22-35. Stem Cell Niche: Microenvironment and Beyond. Journal of Biological Chemistry, 2008, 283, 9499-9503. Signaling pathways governing stem-cell fate. Blood, 2008, 111, 492-503. Biology and Mechanics of Blood Flows. , 2008, , .	13.5 0.1 1.6 0.6	304 3 112 318 12
102 103 104 105 106	Stem Cell Trafficking in Tissue Development, ÂGrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Inmunologia (Barcelona, Spain: 1987), 2008, 27, 22-35. Stem Cell Niche: Microenvironment and Beyond. Journal of Biological Chemistry, 2008, 283, 9499-9503. Signaling pathways governing stem-cell fate. Blood, 2008, 111, 492-503. Biology and Mechanics of Blood Flows., 2008, ,. Exploitation of stem cell homing for gene delivery. Expert Opinion on Biological Therapy, 2008, 8, 17-30.	13.5 0.1 1.6 0.6 1.4	 304 3 112 318 12 26
 102 103 104 105 106 107 108 	Stem Cell Trafficking in Tissue Development, ÂCrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Immunologia (Barcelona, Spain: 1987), 2008, 27, 22-35. Stem Cell Niche: Microenvironment and Beyond. Journal of Biological Chemistry, 2008, 283, 9499-9503. Signaling pathways governing stem-cell fate. Blood, 2008, 111, 492-503. Biology and Mechanics of Blood Flows. , 2008, , . Exploitation of stem cell homing for gene delivery. Expert Opinion on Biological Therapy, 2008, 8, 17-30. The role of the chromatin remodeler Mi:2 ¹² in hematopoietic stem cell self-renewal and multilineage differentiation. Genes and Development, 2008, 22, 1174-1189.	13.5 0.1 1.6 0.6 1.4 2.7	 304 3 112 318 12 26 168
 102 103 104 105 105 106 107 108 109 	Stem Cell Trafficking in Tissue Development,ÂGrowth, and Disease. Cell, 2008, 132, 612-630. Hematopoietic stem cell homing: The long, winding and adhesive road to the bone marow. Immunologia (Barcelona, Spain: 1987), 2008, 27, 22-35. Stem Cell Niche: Microenvironment and Beyond. Journal of Biological Chemistry, 2008, 283, 9499-9503. Signaling pathways governing stem-cell fate. Blood, 2008, 111, 492-503. Biology and Mechanics of Blood Flows. , 2008, . Exploitation of stem cell homing for gene delivery. Expert Opinion on Biological Therapy, 2008, 8, 17-30. The role of the chromatin remodeler Mi-2 ¹² in hematopoietic stem cell self-renewal and multilineage differentiation. Genes and Development, 2008, 22, 1174-1189. The use of human tumour cell lines in the discovery of new cancer chemotherapeutic drugs. Expert Opinion on Drug Discovery, 2008, 3, 153-161.	 13.5 0.1 1.6 0.6 1.4 2.7 2.5 	 304 3 112 318 12 26 168 6

#	Article	IF	CITATIONS
111	Osteal Tissue Macrophages Are Intercalated throughout Human and Mouse Bone Lining Tissues and Regulate Osteoblast Function In Vitro and In Vivo. Journal of Immunology, 2008, 181, 1232-1244.	0.4	597
112	Migration, Cell–Cell Interaction and Adhesion in the Immune System. Ernst Schering Research Foundation Workshop, 2008, , 97-137.	0.7	6
113	Strontium can increase some osteoblasts without increasing hematopoietic stem cells. Blood, 2008, 111, 1173-1181.	0.6	113
114	Stem-cell ecology and stem cells in motion. Blood, 2008, 111, 3923-3930.	0.6	157
115	Donor cell–derived osteopoiesis originates from a self-renewing stem cell with a limited regenerative contribution after transplantation. Blood, 2008, 111, 4386-4391.	0.6	53
116	Heparanase regulates retention and proliferation of primitive Sca-1+/c-Kit+/Linâ^' cells via modulation of the bone marrow microenvironment. Blood, 2008, 111, 4934-4943.	0.6	38
117	Hematopoietic niche and bone meet. Current Opinion in Supportive and Palliative Care, 2008, 2, 211-217.	0.5	35
118	Evolving concepts on the microenvironmental niche for hematopoietic stem cells. Current Opinion in Hematology, 2008, 15, 301-306.	1.2	71
119	Mobilization of hematopoietic stem cells: state of the art. Current Opinion in Organ Transplantation, 2008, 13, 53-58.	0.8	66
120	Clonal Analysis of Hematopoiesis-Supporting Activity of Human Mesenchymal Stem Cells in Association with Jagged1 Expression and Osteogenic Potential. Cell Transplantation, 2008, 17, 1169-1179.	1.2	17
121	Phosphorus Homeostasis and Related Disorders. , 2008, , 465-486.		9
122	Biology of the Extracellular Ca2+-Sensing Receptor. , 2008, , 533-553.		1
123	The Calcium-Sensing Receptor. , 2008, , 1785-1802.		2
124	Dominant negative effect of the extracellular domain of CASR. Journal of Receptor, Ligand and Channel Research, 2009, , 15.	0.7	0
125	Chapter 3 Calcium-Sensing Receptor and Associated Diseases. Progress in Molecular Biology and Translational Science, 2009, 89, 31-95.	0.9	93
126	Mobilization of hematopoietic stem cells into the peripheral blood. Expert Review of Hematology, 2009, 2, 717-733.	1.0	30
127	Mesenchymal Stem Cell: Present Challenges and Prospective Cellular Cardiomyoplasty Approaches for Myocardial Regeneration. Antioxidants and Redox Signaling, 2009, 11, 1841-1855.	2.5	52
128	Insights into the antitumor effects of bisphosphonates from preclinical models and potential clinical implications. IBMS BoneKEy, 2009, 6, 210-217.	0.1	4

CITATION REPORT ARTICLE IF CITATIONS Sonic Hedgehog Expands Diaphyseal Trabecular Bone Altering Bone Marrow Niche and Lymphocyte 3.7 13 Compartment. Molecular Therapy, 2009, 17, 1442-1452. Hydroxyapatite coating of cellulose sponges attracts bone-marrow-derived stem cells in rat 1.5 subcutaneous tissue. Journal of the Royal Society Interface, 2009, 6, 873-880. Extracellular calcium promotes the migration of breast cancer cells through the activation of the 1.2 94 calcium sensing receptor. Experimental Cell Research, 2009, 315, 2072-2080. Extracellular calcium increases CXCR4 expression on bone marrowâ€derived cells and enhances proâ€angiogenesis therapy. Journal of Cellular and Molecular Medicine, 2009, 13, 3764-3773. Bone marrow-derived endothelial progenitor cells contribute to the angiogenic switch in tumor growth and metastatic progression. Biochimica Et Biophysica Acta: Reviews on Cancer, 2009, 1796, 33-40. 3.3 99 Artificial Stem Cell Niches. Advanced Materials, 2009, 21, 3255-3268. 11.1 Hematopoietic stem and progenitor cells: their mobilization and homing to bone marrow and 1.3 43 peripheral tissue. Immunologic Research, 2009, 44, 160-168. Advances and Prospect of Nanotechnology in Stem Cells. Nanoscale Research Letters, 2009, 4, 593-605. 3.1 The Actin Polymerization Regulator WAVE2 Is Required for Early Bone Marrow Repopulation by 1.4 16 Hematopoietic Stem Cells. Stem Cells, 2009, 27, 1120-1129. The stem cell niche. Journal of Pathology, 2009, 217, 169-180. 2.1 188 Cancer stem cells and their niche. Cancer Science, 2009, 100, 1166-1172. 1.7 125 The hematopoietic stem cell in chronic phase CML is characterized by a transcriptional profile resembling normal myeloid progenitor cells and reflecting loss of quiescence. Leukemia, 2009, 23, 3.3 892-899 Live-animal tracking of individual haematopoietic stem/progenitor cells in their niche. Nature, 2009, 13.7 800 457, 92-96. Detection of functional haematopoietic stem cell niche using real-time imaging. Nature, 2009, 457, 13.7 504 97-101. Trafficking of Murine Hematopoietic Stem and Progenitor Cells in Health and Vascular Disease. 1.0 7 Microcirculation, 2009, 16, 497-507. Therapeutic targeting of microenvironmental interactions in leukemia: Mechanisms and approaches. 156 Drug Resistance Updates, 2009, 12, 103-113.

145	Role of the Osteoblast Lineage in the Bone Marrow Hematopoietic Niches. Journal of Bone and Mineral Research, 2009, 24, 759-764.	3.1	94
146	Gene expression changes in normal haematopoietic cells. Best Practice and Research in Clinical	0.7	0

Haematology, 2009, 22, 249-269.

129

131

133

135

136

137

139

141

142

143

#	Article	IF	CITATIONS
147	Hematopoietic Stem Cells Do Not Depend on N-Cadherin to Regulate Their Maintenance. Cell Stem Cell, 2009, 4, 170-179.	5.2	163
148	What is the true nature of the osteoblastic hematopoietic stem cell niche?. Trends in Endocrinology and Metabolism, 2009, 20, 303-309.	3.1	89
149	The role of bone-marrow-derived cells in tumor growth, metastasis initiation and progression. Trends in Molecular Medicine, 2009, 15, 333-343.	3.5	91
150	The leukemic stem cell niche: current concepts and therapeutic opportunities. Blood, 2009, 114, 1150-1157.	0.6	422
151	Biology of Stem Cells and the Molecular Basis of the Stem State. , 2009, , .		18
152	Genetic deletion of JAM-C reveals a role in myeloid progenitor generation. Blood, 2009, 113, 1919-1928.	0.6	38
153	Restoration and reversible expansion of the osteoblastic hematopoietic stem cell niche after marrow radioablation. Blood, 2009, 114, 2333-2343.	0.6	178
154	Altered cellular dynamics and endosteal location of aged early hematopoietic progenitor cells revealed by time-lapse intravital imaging in long bones. Blood, 2009, 114, 290-298.	0.6	197
155	On the adaptation of endosteal stem cell niche function in response to stress. Blood, 2009, 114, 3773-3782.	0.6	37
156	Homing of Hematopoietic Cells to the Bone Marrow. Journal of Visualized Experiments, 2009, , .	0.2	10
157	Regulating traffic in the hematopoietic stem cell niche. Haematologica, 2010, 95, 1439-1441.	1.7	10
158	Impact of interactions of cellular components of the bone marrow microenvironment on hematopoietic stem and progenitor cell function. Blood, 2010, 115, 3239-3248.	0.6	115
159	Phenotypically identical hemopoietic stem cells isolated from different regions of bone marrow have different biologic potential. Blood, 2010, 116, 3185-3196.	0.6	91
160	Role for vitamin D receptor in the neuronal control of the hematopoietic stem cell niche. Blood, 2010, 116, 5528-5535.	0.6	63
161	Vitamin D receptor deletion leads to increased hematopoietic stem and progenitor cells residing in the spleen. Blood, 2010, 116, 4126-4129.	0.6	31
163	The stem cell niche in health and malignancy. Seminars in Cancer Biology, 2010, 20, 107-115.	4.3	48
164	Clinical utility of calcimimetics targeting the extracellular calcium-sensing receptor (CaSR). Biochemical Pharmacology, 2010, 80, 297-307.	2.0	73
165	The bone marrow microenvironment as a sanctuary for minimal residual disease in CML. Biochemical Pharmacology, 2010, 80, 602-612.	2.0	83

#	Article	IF	CITATIONS
166	Persistence of donor-derived protein in host myeloid cells after induced rejection of engrafted allogeneic bone marrow cells. Experimental Hematology, 2010, 38, 333-339.	0.2	1
167	Bone vascularization and remodeling. Joint Bone Spine, 2010, 77, 521-524.	0.8	25
168	Hematopoietic stem cell lodgment in the adult bone marrow stem cell niche. International Journal of Laboratory Hematology, 2010, 32, 551-558.	0.7	22
169	Osteoblast lineage cells expressing high levels of Runx2 enhance hematopoietic progenitor cell proliferation and function. Journal of Cellular Biochemistry, 2010, 111, 284-294.	1.2	58
170	The hematopoietic stem cell niche: Low in oxygen but a nice place to be. Journal of Cellular Physiology, 2010, 222, 17-22.	2.0	394
171	Osteoclasts are involved in the maintenance of dormant leukemic cells. Leukemia Research, 2010, 34, 793-799.	0.4	15
172	Concise Review: Multiple Niches for Hematopoietic Stem Cell Regulations. Stem Cells, 2010, 28, 1243-1249.	1.4	67
173	Novel role for the intraflagellar transport protein CMGâ€1 in regulating the transcription of <i>cyclinâ€D2</i> , <i>Eâ€cadherin</i> and integrinâ€î± family genes in mouse spermatocyteâ€derived cells. Gene To Cells, 2010, 15, 699-710.	250.5	3
174	Mesenchymal and haematopoietic stem cells form a unique bone marrow niche. Nature, 2010, 466, 829-834.	13.7	2,935
175	Awakening dormant haematopoietic stem cells. Nature Reviews Immunology, 2010, 10, 201-209.	10.6	382
176	The HSC niche concept has turned 31. Annals of the New York Academy of Sciences, 2010, 1192, 12-18.	1.8	84
177	Challenges and strategies for generating therapeutic patient-specific hemangioblasts and hematopoietic stem cells from human pluripotent stem cells. International Journal of Developmental Biology, 2010, 54, 965-990.	0.3	29
178	Osteoblasts and Bone Marrow Mesenchymal Stromal Cells Control Hematopoietic Stem Cell Migration and Proliferation in 3D In Vitro Model. PLoS ONE, 2010, 5, e9093.	1.1	92
179	Enabling stem cell therapies through synthetic stem cell–niche engineering. Journal of Clinical Investigation, 2010, 120, 60-70.	3.9	157
180	Designing and Engineering Stem Cell Niches. MRS Bulletin, 2010, 35, 591-596.	1.7	9
181	From Stem Cells to Bone: Phenotype Acquisition, Stabilization, and Tissue Engineering in Animal Models. ILAR Journal, 2010, 51, 42-61.	1.8	36
182	Ca2+ chemotaxis in <i>Dictyostelium discoideum</i> . Journal of Cell Science, 2010, 123, 3756-3767.	1.2	25
183	Hematopoietic Stem Cells Are Coordinated by the Molecular Cues of the Endosteal Niche. Stem Cells and Development, 2010, 19, 1131-1141.	1.1	16

#	Article	IF	CITATIONS
184	<i>Nf2</i> /Merlin controls progenitor homeostasis and tumorigenesis in the liver. Genes and Development, 2010, 24, 1718-1730.	2.7	233
185	The Brain-Bone-Blood Triad: Traffic Lights for Stem-Cell Homing and Mobilization. Hematology American Society of Hematology Education Program, 2010, 2010, 1-6.	0.9	74
186	Damage and Recovery of the Bone Marrow Microenvironment Induced by Cancer Chemotherapy – Potential Regulatory Role of Chemokine CXCL12/Receptor CXCR4 Signalling. Current Molecular Medicine, 2010, 10, 440-453.	0.6	45
187	Hematopoiesis in Regenerated Bone Marrow Within Hydroxyapatite Scaffold. Pediatric Research, 2010, 68, 35-40.	1.1	12
188	Novel Insights into Regulation of Stem Cell Aging by Aging of the Niche and Alterations in Systemic Factors. Else-Kröner-Fresenius-Symposia, 2010, , 46-55.	0.1	0
189	Hematopoietic Stem Cells and Their Niche. , 2010, , 37-55.		4
190	The endosteal â€~osteoblastic' niche and its role in hematopoietic stem cell homing and mobilization. Leukemia, 2010, 24, 1979-1992.	3.3	243
191	Implication of the calcium sensing receptor and the Phosphoinositide 3-kinase/Akt pathway in the extracellular calcium-mediated migration of RAW 264.7 osteoclast precursor cells. Bone, 2010, 46, 1416-1423.	1.4	49
192	Extracellular calcium modulates in vitro bone marrow-derived Flk-1+ CD34+ progenitor cell chemotaxis and differentiation through a calcium-sensing receptor. Biochemical and Biophysical Research Communications, 2010, 393, 156-161.	1.0	96
193	The aryl hydrocarbon receptor: Regulation of hematopoiesis and involvement in the progression of blood diseases. Blood Cells, Molecules, and Diseases, 2010, 44, 199-206.	0.6	47
194	Stem Cells and the Niche: A Dynamic Duo. Cell Stem Cell, 2010, 6, 103-115.	5.2	349
195	Notch Signaling in the Regulation of Stem Cell Self-Renewal and Differentiation. Current Topics in Developmental Biology, 2010, 92, 367-409.	1.0	270
196	The Cell Biology of Stem Cells. Advances in Experimental Medicine and Biology, 2010, , .	0.8	3
198	Mobilization of hematopoietic stem cells from the bone marrow niche to the blood compartment. Stem Cell Research and Therapy, 2011, 2, 13.	2.4	58
199	Nonmyogenic Cells in Skeletal Muscle Regeneration. Current Topics in Developmental Biology, 2011, 96, 139-165.	1.0	44
200	The bone marrow stem cell niche grows up: mesenchymal stem cells and macrophages move in. Journal of Experimental Medicine, 2011, 208, 421-428.	4.2	488
201	Osteoimmunology and osteoporosis. Arthritis Research and Therapy, 2011, 13, 242.	1.6	110
202	The clinical and therapeutic implications of cancer stem cell biology. Expert Review of Anticancer Therapy, 2011, 11, 1133-1145.	1.1	24

#	Article	IF	Citations
203	Cellular Basis for Myocardial Repair and Regeneration. , 2011, , 48-72.		1
204	Minireview: The Stem Cell Next Door: Skeletal and Hematopoietic Stem Cell "Niches―in Bone. Endocrinology, 2011, 152, 2957-2962.	1.4	57
205	Regulation of hematopoiesis. , 2011, , 63-76.		1
206	Gene Expression Profiling. Methods in Molecular Biology, 2011, , .	0.4	3
207	Regulatory interactions in the bone marrow microenvironment. IBMS BoneKEy, 2011, 8, 96-111.	0.1	6
208	Trafficking of Stem Cells. Methods in Molecular Biology, 2011, 750, 3-24.	0.4	23
210	Maintenance of Adult Stem Cells: Role of the Stem Cell Niche. , 2011, , 35-55.		3
211	Artificial Scaffolds and Mesenchymal Stem Cells for Hard Tissues. Advances in Biochemical Engineering/Biotechnology, 2011, 126, 153-194.	0.6	11
212	Hematopoietic stem and progenitor cell trafficking. Trends in Immunology, 2011, 32, 493-503.	2.9	132
213	Biomimetic Platforms for Human Stem Cell Research. Cell Stem Cell, 2011, 8, 252-261.	5.2	133
214	Regulatory functions of glutathione <i>S</i> -transferase P1-1 unrelated to detoxification. Drug Metabolism Reviews, 2011, 43, 179-193.	1.5	96
215	Cell cycle regulation in hematopoietic stem cells. Journal of Cell Biology, 2011, 195, 709-720.	2.3	362
216	The Role of Bone Cells in Establishing the Hematopoietic Stem Cell Niche. , 2011, , 81-99.		0
217	The Haematopoietic Stem Cell Niche: New Insights into the Mechanisms Regulating Haematopoietic Stem Cell Behaviour. Stem Cells International, 2011, 2011, 1-10.	1.2	36
218	Osteoblastic and Vascular Endothelial Niches, Their Control on Normal Hematopoietic Stem Cells, and Their Consequences on the Development of Leukemia. Stem Cells International, 2011, 2011, 1-8.	1.2	51
219	The Endoplasmic Reticulum Chaperone Protein GRP94 Is Required for Maintaining Hematopoietic Stem Cell Interactions with the Adult Bone Marrow Niche. PLoS ONE, 2011, 6, e20364.	1.1	35
220	Many mechanisms mediating mobilization: an alliterative review. Current Opinion in Hematology, 2011, 18, 231-238.	1.2	59
221	Inhibition of osteoclast function reduces hematopoietic stem cell numbers in vivo. Blood, 2011, 117, 1540-1549.	0.6	119

#	Article	IF	CITATIONS
222	Pharmacologic modulation of the calcium-sensing receptor enhances hematopoietic stem cell lodgment in the adult bone marrow. Blood, 2011, 117, 1167-1175.	0.6	57
223	Bone and the hematopoietic niche: a tale of two stem cells. Blood, 2011, 117, 5281-5288.	0.6	216
224	The critical role of agrin in the hematopoietic stem cell niche. Blood, 2011, 118, 2733-2742.	0.6	47
225	Cancer stem cells and markers: New model of tumorigenesis with therapeutic implications. Cancer Biomarkers, 2011, 9, 65-99.	0.8	13
226	CXCL12 secretion by bone marrow stromal cells is dependent on cell contact and mediated by connexin-43 and connexin-45 gap junctions. Nature Immunology, 2011, 12, 391-398.	7.0	142
227	Dynamic niches in the origination and differentiation of haematopoietic stem cells. Nature Reviews Molecular Cell Biology, 2011, 12, 643-655.	16.1	268
228	Altered matrix at the chondro–osseous junction leads to defects in lymphopoiesis. Annals of the New York Academy of Sciences, 2011, 1237, 79-87.	1.8	11
229	The impact of redox and thiol status on the bone marrow: Pharmacological intervention strategies. , 2011, 129, 172-184.		26
230	Targeting stem cell niches and trafficking for cardiovascular therapy. , 2011, 129, 62-81.		43
231	Annexin-2 is a regulator of stromal cell-derived factor–1/CXCL12 function in the hematopoietic stem cell endosteal niche. Experimental Hematology, 2011, 39, 151-166.e1.	0.2	45
232	Quiescence regulators for hematopoietic stem cell. Experimental Hematology, 2011, 39, 511-520.	0.2	68
233	Bidirectional interactions between bone metabolism and hematopoiesis. Experimental Hematology, 2011, 39, 809-816.	0.2	11
234	The role of glutathione S-transferase P in signaling pathways and S-glutathionylation in cancer. Free Radical Biology and Medicine, 2011, 51, 299-313.	1.3	192
235	Toward modeling the bone marrow niche using scaffold-based 3D culture systems. Biomaterials, 2011, 32, 321-329.	5.7	149
236	Stem Cell Interactions in a Bone Marrow Niche. Current Osteoporosis Reports, 2011, 9, 210-218.	1.5	49
237	Investigating the role of hematopoietic stem and progenitor cells in regulating the osteogenic differentiation of mesenchymal stem cells in vitro. Journal of Orthopaedic Research, 2011, 29, 1544-1553.	1.2	25
238	Impact of maturational status on the ability of osteoblasts to enhance the hematopoietic function of stem and progenitor cells. Journal of Bone and Mineral Research, 2011, 26, 1111-1121.	3.1	36
239	Differentiation of hematopoietic stem cell and myeloid populations by ATP is modulated by cytokines. Cell Death and Disease, 2011, 2, e165-e165.	2.7	46

# 240	ARTICLE The Calcium-Sensing Receptor: A Molecular Perspective. Endocrine Reviews, 2011, 32, 3-30.	IF 8.9	CITATIONS
241	Natalizumab and Impedance of the Homing of CD34 ⁺ Hematopoietic Progenitors. Archives of Neurology, 2011, 68, 1428.	4.9	30
242	Allosteric Modulation of the Calcium-sensing Receptor by Î ³ -Glutamyl Peptides. Journal of Biological Chemistry, 2011, 286, 8786-8797.	1.6	82
243	Calcium-sensing Receptor Modulates Cell Adhesion and Migration via Integrins. Journal of Biological Chemistry, 2011, 286, 40922-40933.	1.6	59
244	A cell-intrinsic role for CaMKK2 in granulocyte lineage commitment and differentiation. Journal of Leukocyte Biology, 2011, 90, 897-909.	1.5	25
245	The Niche as a Target for Hematopoietic Manipulation and Regeneration. Tissue Engineering - Part B: Reviews, 2011, 17, 415-422.	2.5	13
246	The haematopoietic stem cell niche at a glance. Journal of Cell Science, 2011, 124, 3529-3535.	1.2	127
247	Microenvironment Design for Stem Cell Fate Determination. Advances in Biochemical Engineering/Biotechnology, 2011, 126, 227-262.	0.6	5
248	Calcium/Calmodulin-dependent Protein Kinase Kinase 2: Roles in Signaling and Pathophysiology. Journal of Biological Chemistry, 2012, 287, 31658-31665.	1.6	240
249	Role of Food Micro-molecules in the Prevention of Cancer. , 2012, , 235-253.		0
250	Osteoclasts and hematopoiesis. BoneKEy Reports, 2012, 1, 46.	2.7	18
251	Bridges between Cell Cycle Regulation and Self-Renewal Maintenance. Genes and Cancer, 2012, 3, 670-677.	0.6	11
252	Dynamic expression of the Robo ligand Slit2 in bone marrow cell populations. Cell Cycle, 2012, 11, 675-682.	1.3	23
253	STAT5-mediated self-renewal of normal hematopoietic and leukemic stem cells. Jak-stat, 2012, 1, 13-25.	2.2	22
254	Advances in Cancer Stem Cell Biology. , 2012, , .		3
255	Effects of erythropoietin on the bone microenvironment. Growth Factors, 2012, 30, 22-28.	0.5	44
256	Role of osteoclasts in the hematopoietic stem cell niche formation. Cell Cycle, 2012, 11, 2045-2046.	1.3	17
258	Aging of the Niche and the Microenvironment and Its Role in Stem Cell Aging. Else-Kröner-Fresenius-Symposia, 2012, , 18-26.	0.1	1

#	Article	IF	CITATIONS
259	Rac signaling in osteoblastic cells is required for normal bone development but is dispensable for hematopoietic development. Blood, 2012, 119, 736-744.	0.6	22
260	MT1-MMP plays a critical role in hematopoiesis by regulating HIF-mediated chemokine/cytokine gene transcription within niche cells. Blood, 2012, 119, 5405-5416.	0.6	51
261	Advances in stem cell mobilization. Blood Reviews, 2012, 26, 267-278.	2.8	98
262	Differential requirements for Wnt and Notch signaling in hematopoietic versus thymic niches. Annals of the New York Academy of Sciences, 2012, 1266, 78-93.	1.8	15
263	Regenerative Medicine. , 2012, , 85-97.		1
264	The role of the calcium-sensing receptor in human disease. Clinical Biochemistry, 2012, 45, 943-953.	0.8	97
265	Getting blood from bone: An emerging understanding of the role that osteoblasts play in regulating hematopoietic stem cells within their niche. Experimental Hematology, 2012, 40, 685-694.	0.2	35
266	Current views on calcium phosphate osteogenicity and the translation into effective bone regeneration strategies. Acta Biomaterialia, 2012, 8, 3876-3887.	4.1	240
267	Aerodynamically assisted bio-jetting of hematopoietic stem cells. Analyst, The, 2012, 137, 1329.	1.7	10
268	Negative Cross-talk between Calcium-sensing Receptor and β-Catenin Signaling Systems in Colonic Epithelium. Journal of Biological Chemistry, 2012, 287, 1158-1167.	1.6	63
269	The Stem Cell Niche in Regenerative Medicine. Cell Stem Cell, 2012, 10, 362-369.	5.2	229
270	Stem Cell Characters in Primary and Metastatic Tumour Establishment. , 2012, , 533-580.		1
271	A PML–PPAR-δ pathway for fatty acid oxidation regulates hematopoietic stem cell maintenance. Nature Medicine, 2012, 18, 1350-1358.	15.2	612
272	Directing mesenchymal stem cells to bone to augment bone formation and increase bone mass. Nature Medicine, 2012, 18, 456-462.	15.2	242
273	Endothelial and perivascular cells maintain haematopoietic stem cells. Nature, 2012, 481, 457-462.	13.7	1,617
274	Mobilization of hematopoietic stem and leukemia cells. Journal of Leukocyte Biology, 2011, 91, 47-57.	1.5	34
275	Osteoclasts promote the formation of hematopoietic stem cell niches in the bone marrow. Journal of Experimental Medicine, 2012, 209, 537-549.	4.2	185
276	Estrogen and Its Receptor Enhance Mechanobiological Effects in Compressed Bone Mesenchymal Stem	1.3	28

#	Article	IF	CITATIONS
277	Improvement of ginsenoside Rg1 on hematopoietic function in cyclophosphamide-induced myelosuppression mice. European Journal of Pharmacology, 2012, 695, 7-12.	1.7	41
278	Immunological Tolerance During Fetal Development. Advances in Immunology, 2012, 115, 73-111.	1.1	122
279	Tissue Engineering III: Cell - Surface Interactions for Tissue Culture. Advances in Biochemical Engineering/Biotechnology, 2012, , .	0.6	8
280	Osteohematopoietic Stem Cell Niches in Bone Marrow. International Review of Cell and Molecular Biology, 2012, 298, 95-133.	1.6	17
281	The location and cellular composition of the hemopoietic stem cell niche. Cytotherapy, 2012, 14, 135-143.	0.3	24
282	Hematopoietic Stem Cell Mobilization with Agents Other than G-CSF. , 2012, 904, 49-67.		19
283	ERK1 Regulates the Hematopoietic Stem Cell Niches. PLoS ONE, 2012, 7, e30788.	1.1	18
284	Mechanisms Underlying the Osteo- and Adipo-Differentiation of Human Mesenchymal Stem Cells. Scientific World Journal, The, 2012, 2012, 1-14.	0.8	105
285	Calcium signaling as a regulator of hematopoiesis. Frontiers in Bioscience - Elite, 2012, E4, 1375-1384.	0.9	14
286	Prostate Cancer and Parasitism of the Bone Hematopoietic Stem Cell Niche. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 131-148.	0.4	25
287	Regulatory Cross Talks of Bone Cells, Hematopoietic Stem Cells and the Nervous System Maintain Hematopoiesis. Inflammation and Allergy: Drug Targets, 2012, 11, 170-180.	1.8	23
288	Limbal Epithelial Stem Cells: Role of the Niche Microenvironment. Stem Cells, 2012, 30, 100-107.	1.4	101
289	Mobilization and Homing of Hematopoietic Stem Cells. Advances in Experimental Medicine and Biology, 2012, 741, 152-170.	0.8	72
290	The Calcium-Sensing Receptor Beyond Extracellular Calcium Homeostasis: Conception, Development, Adult Physiology, and Disease. Annual Review of Physiology, 2012, 74, 271-297.	5.6	124
291	Myeloproliferation and hematopoietic stem cell dysfunction due to defective Notch receptor modification by O-fucose glycans. Seminars in Immunopathology, 2012, 34, 455-469.	2.8	3
292	Immunohistochemical and functional studies on calciumâ€sensing receptors in rat uterine smooth muscle. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 37-42.	0.9	6
293	The bone marrow at the crossroads of blood and immunity. Nature Reviews Immunology, 2012, 12, 49-60.	10.6	268
294	Megakaryocytes, malignancy and bone marrow vascular niches. Journal of Thrombosis and Haemostasis, 2012, 10, 177-188.	1.9	55

#	Article	IF	CITATIONS
295	Identification of non–cell-autonomous networks from engineered feeder cells that enhance murine hematopoietic stem cell activity. Experimental Hematology, 2013, 41, 470-478.e4.	0.2	7
296	Olfactory Control of Blood Progenitor Maintenance. Cell, 2013, 155, 1141-1153.	13.5	112
297	Deficiency of GRP94 in the Hematopoietic System Alters Proliferation Regulators in Hematopoietic Stem Cells. Stem Cells and Development, 2013, 22, 3062-3073.	1.1	11
298	Defective Endochondral Ossification-Derived Matrix and Bone Cells Alter the Lymphopoietic Niche in Collagen X Mouse Models. Stem Cells and Development, 2013, 22, 2581-2595.	1.1	7
299	The role of cancer stem cells in cancer metastasis: New perspective and progress. Cancer Epidemiology, 2013, 37, 60-63.	0.8	29
300	The hematopoietic stem cell niche—home for friend and foe?. Cytometry Part B - Clinical Cytometry, 2013, 84B, 7-20.	0.7	75
301	Mesenchymal Stem Cell: Keystone of the Hematopoietic Stem Cell Niche and a Stepping-Stone for Regenerative Medicine. Annual Review of Immunology, 2013, 31, 285-316.	9.5	381
302	The effects of zoledronic acid in the bone and vasculature support of hematopoietic stem cell niches. Journal of Cellular Biochemistry, 2013, 114, 67-78.	1.2	32
303	Biomechanical force in blood development: Extrinsic physical cues drive pro-hematopoietic signaling. Differentiation, 2013, 86, 92-103.	1.0	45
304	The migration of hematopoietic progenitors from the fetal liver to the fetal bone marrow: Lessons learned and possible clinical applications. Experimental Hematology, 2013, 41, 411-423.	0.2	59
305	Possible functional scaffolds for periodontal regeneration. Japanese Dental Science Review, 2013, 49, 118-130.	2.0	40
306	Endothelial Jagged-1 Is Necessary for Homeostatic and Regenerative Hematopoiesis. Cell Reports, 2013, 4, 1022-1034.	2.9	224
307	Roles of the calcium sensing receptor in the central nervous system. Best Practice and Research in Clinical Endocrinology and Metabolism, 2013, 27, 429-442.	2.2	62
308	Human limbal epithelial progenitor cells express αvl²5-integrin and the interferon-inducible chemokine CXCL10/IP-10. Stem Cell Research, 2013, 11, 888-901.	0.3	29
309	Tertiary dentinogenesis with calcium hydroxide: A review of proposed mechanisms. International Endodontic Journal, 2013, 46, 3-19.	2.3	95
310	The Calcium-Sensing Receptor. , 2013, , 2187-2224.		11
311	Hematopoiesis. Biomathematical and Biomechanical Modeling of the Circulatory and Ventilatory Systems, 2013, , 19-52.	0.1	0
312	Redox Pathways as a Platform in Drug Development. , 2013, , 449-476.		0

ARTICLE IF CITATIONS The Skeletal Stem Cell., 2013, , 127-147. 314 3 Redox regulation of stem/progenitor cells and bone marrow niche. Free Radical Biology and Medicine, 1.3 141 2013, 54, 26-39. The dual face of parathyroid hormone and prostaglandins in the osteoimmune system. American 317 1.8 13 Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1185-E1194. Conversations with pioneers in the bone field: Edward M Brown. IBMS BoneKEy, 2013, 10, . 318 Stem cell culture: mimicking the stem cell niche in vitro., 2013, , 33-68. 319 0 Introduction to Stem Cells., 2013, , 1-27. The Bone Marrow Microenvironment as Niche Retreats for Hematopoietic and Leukemic Stem Cells. 321 0.6 74 Advances in Hematology, 2013, 2013, 1-8. How Can Erythropoeitin‣timulating Agent Use be Reduced in Chronic Dialysis Patients?. Seminars in Dialysis, 2013, 26, 537-540. Replication of Bone Marrow Differentiation Niche: Comparative Evaluation of Different 323 5.2 20 Threeâ€Dimensional Matrices. Small, 2013, 9, 1008-1015. Multimodal imaging reveals structural and functional heterogeneity in different bone marrow 324 compartments: functional implications on hematopoietic stem cells. Blood, 2013, 122, 1730-1740. Deletion of the NF-κB subunit p65/RelA in the hematopoietic compartment leads to defects in 325 0.6 104 hematopoietic stem cell function. Blood, 2013, 121, 5015-5024. B-lymphopoiesis is stopped by mobilizing doses of G-CSF and is rescued by overexpression of the 38 anti-apoptotic protein Bcl2. Haematologica, 2013, 98, 325-333. Osteoclasts are not crucial for hematopoietic stem cell maintenance in adult mice. Haematologica, 327 1.7 10 2013, 98, 1848-1855. The Calcium-Sensing Receptor as a Regulator of Cellular Fate in Normal and Pathological Conditions. Current Molecular Medicine, 2013, 13, 282-295. Reconstitution of bone-like matrix in osteogenically differentiated mesenchymal stem cell–collagen 329 constructs: A three-dimensional in vitro model to study hematopoietic stem cell niche. Journal of 2.328 Tissue Engineering, 2013, 4, 204173141350866. Placental Growth Factor Expression Is Required for Bone Marrow Endothelial Cell Support of 1.1 Primitive Murine Hematopoietic Cells. PLoS ONE, 2013, 8, e67861. Effect of Human Parathyroid Hormone on Hematopoietic Progenitor Cells in NOD/SCID Mice 331 Co-Transplanted with Human Cord Blood Mononuclear Cells and Mesenchymal Stem Cells. Yonsei 0.9 5 Medical Journal, 2013, 54, 238. Cellulose - A Biomaterial with Cell-Guiding Property., 0, , .

ARTICLE IF CITATIONS # Hematopoietic stem cells and their niches., 0,, 44-63. 333 1 334 The hematopoietic stem cell niche., 0,, 80-88. Glutathione S-Transferase P Influences Redox and Migration Pathways in Bone Marrow. PLoS ONE, 335 1.1 15 2014, 9, e107478. Tissue specific role of calcium sensing receptor. Atlas of Genetics and Cytogenetics in Oncology and 336 0.1 Haematology, 2014, , . Impact of parathyroid hormone on bone marrow-derived stem cell mobilization and migration. World 337 1.3 30 Journal of Stem Cells, 2014, 6, 637. Therapeutic Targeting of Microenvironmental Interactions in Leukemia. Juntendo Medical Journal, 0.1 2014, 60, 156-160. 339 Reprint of: The Great Beauty of the osteoclast. Archives of Biochemistry and Biophysics, 2014, 561, 13-21. 1.4 37 Quantification and Modeling of Stem Cell–Niche Interaction. Advances in Experimental Medicine and 340 0.8 Biology, 2014, 844, 11-36. FGF-23 Is a Negative Regulator of Prenatal and Postnatal Erythropoiesis. Journal of Biological 341 1.6 114 Chemistry, 2014, 289, 9795-9810. Roles of osteoclasts in the control of medullary hematopoietic niches. Archives of Biochemistry and 342 1.4 Biophysics, 2014, 561, 29-37. The role of novel and known extracellular matrix and adhesion molecules in the homeostatic and 343 72 1.1 regenerative bone marrow microenvironment. Cell Adhesion and Migration, 2014, 8, 563-577. PIAS1 SUMO ligase regulates the self-renewal and differentiation of hematopoietic stem cells. EMBO 3.5 Journal, 2014, 33, 101-113. Hematopoietic Stem Cells., 2014, , 989-1040. 345 2 Cardiac stem cell niches. Stem Cell Research, 2014, 13, 631-646. 346 0.3 68 347 Materials for perfusion bioreactors used in tissue engineering., 2014, 224-251. 0 The ecology in the hematopoietic stem cell niche determines the clinical outcome in chronic myeloid 348 leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 50 3883-3888. 349 The Adult Stem Cell Niche. Pancreatic Islet Biology, 2014, , 15-30. 0.10 The Blood is Rich in Different Types of Mesoderm Derived Stem and Progenitor Cells. Acta Veterinaria, 2014, 64, 156-178.

#	Article	IF	Citations
351	E3-ligase Skp2 regulates β-catenin expression and maintains hematopoietic stem cell homing. Biochemical and Biophysical Research Communications, 2014, 445, 566-571.	1.0	13
352	The impact of bone marrow adipocytes on osteoblast and osteoclast differentiation. IUBMB Life, 2014, 66, 147-155.	1.5	66
353	Regulation of hematopoiesis in endosteal microenvironments. International Journal of Hematology, 2014, 99, 679-684.	0.7	35
354	Pharmacological Modulation of Redox Status in Bone Marrow. , 2014, , 3027-3053.		0
355	Cellular Complexity of the Bone Marrow Hematopoietic Stem Cell Niche. Calcified Tissue International, 2014, 94, 112-124.	1.5	42
356	The bone marrow niche for haematopoietic stem cells. Nature, 2014, 505, 327-334.	13.7	1,910
357	Cancer and bone: A complex complex. Archives of Biochemistry and Biophysics, 2014, 561, 159-166.	1.4	37
358	Obesity-driven disruption of haematopoiesis and the bone marrow niche. Nature Reviews Endocrinology, 2014, 10, 737-748.	4.3	104
359	Nitric Oxide-Induced Murine Hematopoietic Stem Cell Fate Involves Multiple Signaling Proteins, Gene Expression, and Redox Modulation. Stem Cells, 2014, 32, 2949-2960.	1.4	35
361	Electrospun gelatin/poly(ε-caprolactone) fibrous scaffold modified with calcium phosphate for bone tissue engineering. Materials Science and Engineering C, 2014, 44, 183-190.	3.8	127
362	Extracellular calcium and CaSR drive osteoinduction in mesenchymal stromal cells. Acta Biomaterialia, 2014, 10, 2824-2833.	4.1	103
363	Klotho Deficiency Disrupts Hematopoietic Stem Cell Development and Erythropoiesis. American Journal of Pathology, 2014, 184, 827-841.	1.9	49
364	Advances in understanding the leukaemia microenvironment. British Journal of Haematology, 2014, 164, 767-778.	1.2	120
365	The Great Beauty of the osteoclast. Archives of Biochemistry and Biophysics, 2014, 558, 70-78.	1.4	173
366	Angiogenesis in Bone Regeneration: Tailored Calcium Release in Hybrid Fibrous Scaffolds. ACS Applied Materials & Interfaces, 2014, 6, 7512-7522.	4.0	79
367	Functional and molecular features of the calmodulin-interacting protein IQCG required for haematopoiesis in zebrafish. Nature Communications, 2014, 5, 3811.	5.8	18
369	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
370	Licochalcone A up-regulates of FasL in mesenchymal stem cells to strengthen bone formation and increase bone mass. Scientific Reports, 2014, 4, 7209.	1.6	21

#	Article	IF	CITATIONS
371	Engineering the hematopoietic stem cell niche: Frontiers in biomaterial science. Biotechnology Journal, 2015, 10, 1529-1545.	1.8	81
372	Evidence for the involvement of sphingosine-1-phosphate in the homing and engraftment of hematopoietic stem cells to bone marrow. Oncotarget, 2015, 6, 18819-18828.	0.8	38
373	Making Blood: The Haematopoietic Niche throughout Ontogeny. Stem Cells International, 2015, 2015, 1-14.	1.2	20
374	The formation of calcium phosphate coatings by pulse laser deposition on the surface of polymeric ferroelectric. Applied Surface Science, 2015, 349, 420-429.	3.1	12
375	Calcium Silicate and Calcium Hydroxide Materials for Pulp Capping: Biointeractivity, Porosity, Solubility and Bioactivity of Current Formulations. Journal of Applied Biomaterials and Functional Materials, 2015, 13, 43-60.	0.7	158
376	Matrix metalloproteinases in stem cell mobilization. Matrix Biology, 2015, 44-46, 175-183.	1.5	51
377	The unbearable lightness of bone marrow homeostasis. Cytokine and Growth Factor Reviews, 2015, 26, 347-359.	3.2	26
378	Cellular and molecular actions of bisphosphonates. , 2015, , 615-627.		1
379	Mesenchymal stromal cells for sphincter regeneration. Advanced Drug Delivery Reviews, 2015, 82-83, 123-136.	6.6	21
380	Role of Microenvironment in Resistance to Therapy in AML. Current Hematologic Malignancy Reports, 2015, 10, 96-103.	1.2	83
381	Making sense of hematopoietic stem cell niches. Blood, 2015, 125, 2621-2629.	0.6	342
382	Regulation of stem cell fate by nanomaterial substrates. Nanomedicine, 2015, 10, 829-847.	1.7	65
383	Angiogenesis stimulated by novel nanoscale bioactive glasses. Biomedical Materials (Bristol), 2015, 10, 025005.	1.7	58
384	Osteocytes and Homeostasis of Remote Organs. Current Osteoporosis Reports, 2015, 13, 193-197.	1.5	6
385	Notch Receptor-Ligand Engagement Maintains Hematopoietic Stem Cell Quiescence and Niche Retention. Stem Cells, 2015, 33, 2280-2293.	1.4	34
386	Tissue-Specific Stem Cell Niche. Pancreatic Islet Biology, 2015, , .	0.1	4
387	Communication of bone cells with hematopoiesis, immunity and energy metabolism. BoneKEy Reports, 2015, 4, 748.	2.7	15
388	Skeletal Stem Cell Niche of the Bone Marrow. Pancreatic Islet Biology, 2015, , 245-279.	0.1	1

#	Article	IF	CITATIONS
389	Kindlin-3â€``mediated integrin adhesion is dispensable for quiescent but essential for activated hematopoietic stem cells. Journal of Experimental Medicine, 2015, 212, 1415-1432.	4.2	26
390	Myelodysplasia is in the niche: novel concepts and emerging therapies. Leukemia, 2015, 29, 259-268.	3.3	70
391	Oxidative stress, redox regulation and diseases of cellular differentiation. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1607-1621.	1.1	188
392	Targeted delivery of mesenchymal stem cells to the bone. Bone, 2015, 70, 62-65.	1.4	27
393	Chemotactic and proangiogenic role of calcium sensing receptor is linked to secretion of multiple cytokines and growth factors in breast cancer MDA-MB-231 cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 166-182.	1.9	37
394	Stem Cell Homing. , 2016, , 21-34.		0
395	Hematopoietic Stem and Progenitor Cell Expansion in Contact with Mesenchymal Stromal Cells in a Hanging Drop Model Uncovers Disadvantages of 3D Culture. Stem Cells International, 2016, 2016, 1-13.	1.2	27
396	The Calcium-Sensing Receptor and Integrins in Cellular Differentiation and Migration. Frontiers in Physiology, 2016, 7, 190.	1.3	37
397	Bone Marrow Hematopoietic Niches. , 2016, , 103-119.		1
398	Cancer Cell Colonisation in the Bone Microenvironment. International Journal of Molecular Sciences, 2016, 17, 1674.	1.8	80
399	Microenvironmental cues for T ell acute lymphoblastic leukemia development. Immunological Reviews, 2016, 271, 156-172.	2.8	32
400	Brief Report: Consecutive Alendronate Administration-Mediated Inhibition of Osteoclasts Improves Long-Term Engraftment Potential and Stress Resistance of HSCs. Stem Cells, 2016, 34, 2601-2607.	1.4	5
401	The Involvment of Hematopoietic-Specific PLC -β2 in Homing and Engraftment of Hematopoietic Stem/Progenitor Cells. Stem Cell Reviews and Reports, 2016, 12, 613-620.	5.6	10
402	Impact of the Megakaryocytic Vascular Niche on Platelet Biogenesis. , 2016, , 93-114.		0
403	Therapeutic targeting and rapid mobilization of endosteal HSC using a small molecule integrin antagonist. Nature Communications, 2016, 7, 11007.	5.8	51
404	Hematopoietic Stem Cell Niche in Health and Disease. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 555-581.	9.6	129
405	Smad4 in osteoblasts exerts a differential impact on HSC fate depending on osteoblast maturation stage. Leukemia, 2016, 30, 2039-2046.	3.3	12
406	Bone-marrow mimicking biomaterial niches for studying hematopoietic stem and progenitor cells. Journal of Materials Chemistry B, 2016, 4, 3490-3503.	2.9	31

ARTICLE IF CITATIONS Inflammation and Metastasis., 2016,,. 4 408 The bone marrow pericyte: an orchestrator of vascular niche. Regenerative Medicine, 2016, 11, 883-895. 409 0.8 Bioinspired design of a polymer gel sensor for the realization of extracellular Ca2+ imaging. 410 1.6 52 Scientific Reports, 2016, 6, 24275. Effect of an Experimental Direct Pulp-capping Material on the Properties and Osteogenic Differentiation of Human Dental Pulp Stem Cells. Scientific Reports, 2016, 6, 34713. 411 The calciumâ€sensing receptor and integrins modulate cerebellar granule cell precursor 412 1.515 differentiation and migration. Developmental Neurobiology, 2016, 76, 375-389. Niche heterogeneity in the bone marrow. Annals of the New York Academy of Sciences, 2016, 1370, 82-96. 1.8 Repurposing Treprostinil for Enhancing Hematopoietic Progenitor Cell Transplantation. Molecular 414 1.0 8 Pharmacology, 2016, 89, 630-644. The "love–hate―relationship between osteoclasts and bone matrix. Matrix Biology, 2016, 52-54, 176-190. 1.5 415 38 416 Hardwiring Stem Cell Communication through Tissue Structure. Cell, 2016, 164, 1212-1225. 13.5 85 Emerging Strategies to Enhance Homing and Engraftment of Hematopoietic Stem Cells. Stem Cell 5.6 Reviews and Reports, 2016, 12, 121-128 Hypoxia regulates the hematopoietic stem cell niche. Pflugers Archiv European Journal of Physiology, 418 1.3 42 2016, 468, 13-22. Adhesion receptors involved in HSC and early-B cell interactions with bone marrow 419 2.4 microenvironment. Cellular and Molecular Life Sciences, 2016, 73, 687-703. Advances in understanding the acute lymphoblastic leukemia bone marrow microenvironment: From 420 biology to therapeutic targeting. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1.9 104 449-463. Niche Extracellular Matrix Components and Their Influence on HSC. Journal of Cellular Biochemistry, 421 1.2 38 2017, 118, 1984-1993. A microstructural study of the degradation and calcium release from hydroxyapatite-calcium oxide 422 3.8 6 ceramics made by infiltration. Materials Science and Engineering C, 2017, 73, 684-691. The role of the extracellular matrix in primary myelofibrosis. Blood Cancer Journal, 2017, 7, e525-e525. 423 Odontogenic differentiation potential of human dental pulp cells cultured on a calcium-aluminate 424 1.4 28 enriched chitosan-collagen scaffold. Clinical Oral Investigations, 2017, 21, 2827-2839. The proangiogenic potential of a novel calcium releasing composite biomaterial: Orthotopic in vivo 4.1 evaluation. Acta Biomaterialia, 2017, 54, 377-385.

#	Article	IF	CITATIONS
426	Regulation of the hematopoietic stem cell lifecycle by the endothelial niche. Current Opinion in Hematology, 2017, 24, 289-299.	1.2	33
427	The Osteoblastic Niche in Hematopoiesis and Hematological Myeloid Malignancies. Current Molecular Biology Reports, 2017, 3, 53-62.	0.8	36
428	Ephrin ligands and Eph receptors contribution to hematopoiesis. Cellular and Molecular Life Sciences, 2017, 74, 3377-3394.	2.4	14
429	Adult haematopoietic stem cell niches. Nature Reviews Immunology, 2017, 17, 573-590.	10.6	528
430	Novel therapeutic strategies to target leukemic cells that hijack compartmentalized continuous hematopoietic stem cell niches. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 183-198.	3.3	32
431	Processing of biphasic calcium phosphate ceramics for culturing of bone marrow stem cells. Journal of Materials Research, 2017, 32, 3260-3270.	1.2	3
432	Cellular players of hematopoietic stem cell mobilization in the bone marrow niche. International Journal of Hematology, 2017, 105, 129-140.	0.7	78
433	Single Cell Phenotyping Reveals Heterogeneity Among Hematopoietic Stem Cells Following Infection. Stem Cells, 2017, 35, 2292-2304.	1.4	15
434	Osteoclasts: Essentials and Methods. Learning Materials in Biosciences, 2017, , 33-53.	0.2	1
435	Current Developments in Mobilization of Hematopoietic Stem and Progenitor Cells and Their Interaction with Niches in Bone Marrow. Transfusion Medicine and Hemotherapy, 2017, 44, 151-164.	0.7	20
436	Regulation of Tumor Progression and Metastasis by Bone Marrow-Derived Microenvironments. , 2017, , 303-328.		0
437	Osteoimmunology: The Conceptual Framework Unifying the Immune and Skeletal Systems. Physiological Reviews, 2017, 97, 1295-1349.	13.1	347
438	Innate Immunity and Mobilization of Hematopoietic Stem Cells. Current Stem Cell Reports, 2017, 3, 172-180.	0.7	15
439	Effect of Calcium-Infiltrated Hydroxyapatite Scaffolds on the Hematopoietic Fate of Human Umbilical Vein Endothelial Cells. Journal of Vascular Research, 2017, 54, 376-385.	0.6	4
440	The effect of nanostructured surfaces on stem cell fate. , 2017, , 567-589.		5
441	G Protein-Coupled Receptors at the Crossroad between Physiologic and Pathologic Angiogenesis: Old Paradigms and Emerging Concepts. International Journal of Molecular Sciences, 2017, 18, 2713.	1.8	27
442	Emerging Nanotechnology for Stem Cell Therapy. , 2017, , 85-103.		6
443	Calcium/calmodulin-dependent kinase kinase 2 regulates hematopoietic stem and progenitor cell regeneration. Cell Death and Disease, 2017, 8, e3076-e3076.	2.7	22

#	Article	IF	CITATIONS
444	5.11 Engineering the Haematopoietic Stem Cell Niche In Vitro. , 2017, , 187-199.		1
445	Mechanisms of Hematopoietic Stem and Progenitor Cells Bone Marrow Homing and Mobilization. Advances in Stem Cells and Their Niches, 2017, 1, 85-121.	0.1	1
446	Harnessing the Biology of Stem Cells' Niche. , 2017, , 15-31.		4
447	Murine hematopoietic stem cell reconstitution potential is maintained by osteopontin during aging. Scientific Reports, 2018, 8, 2833.	1.6	10
448	Exposure of the Bone Marrow Microenvironment to Simulated Solar and Galactic Cosmic Radiation Induces Biological Bystander Effects on Human Hematopoiesis. Stem Cells and Development, 2018, 27, 1237-1256.	1.1	17
449	Bone Marrow Niche: Role of Different Cells in Bone Metastasis. Current Molecular Biology Reports, 2018, 4, 80-87.	0.8	2
450	Freshly-mixed and setting calcium-silicate cements stimulate human dental pulp cells. Dental Materials, 2018, 34, 797-808.	1.6	40
451	Stem cells: Aging and transcriptional fingerprints. Journal of Cell Biology, 2018, 217, 79-92.	2.3	61
452	Role of the microenvironment in myeloid malignancies. Cellular and Molecular Life Sciences, 2018, 75, 1377-1391.	2.4	32
453	Hematopoietic Stem Cell Biology. , 2018, , 95-110.e13.		0
454	The Expanding Life and Functions of Osteogenic Cells: From Simple Bone-Making Cells to Multifunctional Cells and Beyond. Journal of Bone and Mineral Research, 2018, 33, 199-210.	3.1	9
455	Concept of Hematopoietic and Stromal Niches for Cell-Based Diagnostics and Regenerative Medicine (a) Tj ETQq1	1.0.7843 0.9	14 _. rgBT /0
456	Complex mammalian-like haematopoietic system found in a colonial chordate. Nature, 2018, 564, 425-429.	13.7	60
457	Histone methylation regulator PTIP is required to maintain normal and leukemic bone marrow niches. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10137-E10146.	3.3	12
458	B-Cell Development. , 2018, , 202-228.		0
459	Chronic kidney failure mineral bone disorder leads to a permanent loss of hematopoietic stem cells through dysfunction of the stem cell niche. Scientific Reports, 2018, 8, 15385.	1.6	6
460	Lung Stem Cell Behavior. , 2018, , .		1
461	Murine Bone Marrow Niches from Hematopoietic Stem Cells to B Cells. International Journal of Molecular Sciences, 2018, 19, 2353.	1.8	31

#	Article	IF	CITATIONS
462	Remote Control of Intracellular Calcium Using Upconversion Nanotransducers Regulates Stem Cell Differentiation In Vivo. Advanced Functional Materials, 2018, 28, 1802642.	7.8	58
463	Neural Crossroads in the Hematopoietic Stem Cell Niche. Trends in Cell Biology, 2018, 28, 987-998.	3.6	32
464	Emerging Association Between Parathyroid Hormone and Anemia in Hemodialysis Patients. Therapeutic Apheresis and Dialysis, 2018, 22, 242-245.	0.4	47
465	Ca ²⁺ â€depended signaling pathways regulate selfâ€renewal and pluripotency of stem cells. Cell Biology International, 2018, 42, 1086-1096.	1.4	12
466	Osteoimmunology. , 2018, , 261-282.		1
467	Chemokines and Hematopoietic Cell Trafficking. , 2018, , 135-144.e6.		0
468	Targeting the Metastatic Bone Microenvironment by MicroRNAs. Frontiers in Endocrinology, 2018, 9, 202.	1.5	24
469	A review of select minerals influencing the haematopoietic process. Nutrition Research Reviews, 2018, 31, 267-280.	2.1	17
470	Calcium-Infiltrated Biphasic Hydroxyapatite Scaffolds for Human Hematopoietic Stem Cell Culture. Tissue Engineering - Part A, 2018, 24, 1563-1573.	1.6	2
471	Microgravity Impairs DNA Damage Repair in Human Hematopoietic Stem/Progenitor Cells and Inhibits Their Differentiation into Dendritic Cells. Stem Cells and Development, 2018, 27, 1257-1267.	1.1	14
472	The emerging role of extracellular Ca ²⁺ in osteo/odontogenic differentiation and the involvement of intracellular Ca ²⁺ signaling: From osteoblastic cells to dental pulp cells and odontoblasts. Journal of Cellular Physiology, 2019, 234, 2169-2193.	2.0	22
473	Bone marrow recovery of hematopoietic stem cells and microenvironment after chemotherapy in childhood acute lymphoblastic leukemia: consecutive observations according to chemotherapy schedule. Pediatric Hematology and Oncology, 2019, 36, 222-235.	0.3	7
475	Carbonate Apatite Microâ€Honeycombed Blocks Generate Bone Marrowâ€Like Tissues as well as Bone. Advanced Biology, 2019, 3, e1900140.	3.0	33
476	Metalloproteases: On the Watch in the Hematopoietic Niche. Trends in Immunology, 2019, 40, 1053-1070.	2.9	30
477	The Role of Fibroblast Growth Factor 23 in Inflammation and Anemia. International Journal of Molecular Sciences, 2019, 20, 4195.	1.8	65
478	The role of bone cells in immune regulation during the course of infection. Seminars in Immunopathology, 2019, 41, 619-626.	2.8	15
479	Harnessing Hematopoietic Stem Cell Low Intracellular Calcium Improves Their Maintenance InÂVitro. Cell Stem Cell, 2019, 25, 225-240.e7.	5.2	64
480	Osteoimmunology: evolving concepts in bone–immune interactions in health and disease. Nature Reviews Immunology, 2019, 19, 626-642.	10.6	402

ARTICLE IF CITATIONS Phage-Based Artificial Niche: The Recent Progress and Future Opportunities in Stem Cell Therapy. Stem 481 1.2 15 Cells International, 2019, 2019, 1-14. Neutrophils as regulators of the hematopoietic niche. Blood, 2019, 133, 2140-2148. 482 483 The Stem Cell Niche., 2019, , 43-65. 0 The Contribution of the Immune System in Bone Metastasis Pathogenesis. International Journal of 484 1.8 Molecular Sciences, 2019, 20, 999. Bone function, dysfunction and its role in diseases including critical illness. International Journal of 486 2.6 64 Biological Sciences, 2019, 15, 776-787. Regenerative Medicine., 2019, , 104-122. The physical microenvironment of hematopoietic stem cells and its emerging roles in engineering 488 2.4 92 applications. Stem Cell Research and Therapy, 2019, 10, 327. The Role of Reactive Oxygen Species in Acute Myeloid Leukaemia. International Journal of Molecular 1.8 Sciences, 2019, 20, 6003 Flexible intramedullary nails for limb lengthening: a comprehensive comparative study of three nails 490 1.7 11 types. Biomedical Materials (Bristol), 2019, 14, 025005. Metabolic Imaging Reveals a Unique Preference of Symmetric Cell Division and Homing of 7.2 49 Leukemia-Initiating Cells in an Endosteal Niche. Cell Metabolism, 2019, 29, 950-965.e6. Osteoimmunology. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a031245. 492 2.9 64 Osteocyte regulation of bone and blood. Bone, 2019, 119, 13-18. 1.4 44 Congenital disorders of bone and blood. Bone, 2019, 119, 71-81. 494 1.4 13 Cytokineâ€induced hematopoietic stem and progenitor cell mobilization: unraveling interactions 1.8 between stem cells and their niche. Annals of the New York Academy of Sciences, 2020, 1466, 24-38. 496 Bone marrow and the hematopoietic stem cell niche., 2020, , 73-87. 2 Regimen-dependent synergism and antagonism of treprostinil and vildagliptin in hematopoietic cell transplantation. Journal of Molecular Medicine, 2020, 98, 233-243. Microenvironmental contributions to hematopoietic stem cell aging. Haematologica, 2020, 105, 38-46. 498 1.7 94 Neonatal Severe Hyperparathyroidism: Novel Insights From Calcium, PTH, and the <i>CASR</i> 499 1.8 Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1061-1078.

IF

CITATIONS

500 Breast Cancer Bone Metastasis., 2020, , 324-341. 0 Wnt-5A/B Signaling in Hematopoiesis throughout Life. Cells, 2020, 9, 1801. 1.8 9 $\hat{a} \in \infty$ Caught in the netâ \in the extracellular matrix of the bone marrow in normal hematopoiesis and 502 0.2 22 leukemia. Experimental Hematology, 2020, 89, 13-25. Temporal modulation of calcium sensing in hematopoietic stem cells is crucial for proper stem cell expansion and engraftment. Journal of Cellular Physiology, 2020, 235, 9644-9666. 2.0 Innate immunity orchestrates the mobilization and homing of hematopoietic stem/progenitor cells by 504 1.1 18 engaging purinérgic signalingâ€"an update. Purinergic Signalling, 2020, 16, 153-166. Osteoimmunomodulatory effects of biomaterial modification strategies on macrophage polarization 101 and bone regeneration. International Journal of Energy Production and Management, 2020, 7, 233-245. 506 Calcium regulation of stem cells. EMBO Reports, 2020, 21, e50028. 2.0 25 Preclinical effectiveness of an experimental tricalcium silicate cement on pulpal repair. Materials 3.8 10 Science and Engineering C, 2020, 116, 111167. CXCR4‧F1 bifunctional adiposeâ€derived stem cells benefit for the treatment of Leydig cell 508 1.6 4 dysfunctionâ€related diseases. Journal of Cellular and Molecular Medicine, 2020, 24, 4633-4645. The bone marrow stromal niche: a therapeutic target of hematological myeloid malignancies. Expert 509 1.5 Opinion on Therapeutic Targets, 2020, 24, 451-462. Bone marrow adipose cells – cellular interactions and changes with obesity. Journal of Cell Science, 510 1.2 22 2020, 133, . Recent Progress of Stem Cell Therapy in Cancer Treatment: Molecular Mechanisms and Potential 511 1.8 116 Applications. Cells, 2020, 9, 563. Bone marrow niches in haematological malignancies. Nature Reviews Cancer, 2020, 20, 285-298. 512 12.8 270 Injectable phosphopullulan-functionalized calcium-silicate cement for pulp-tissue engineering: An in-vivo and ex-vivo study. Dental Materials, 2020, 36, 512-526. 1.6 Osteoimmunology: A Current Update of the Interplay Between Bone and the Immune System. Frontiers 514 2.2 96 in Immunology, 2020, 11, 58. Hematopoiesis and Cardiovascular Disease. Circulation Research, 2020, 126, 1061-1085. 2.0 96 Breast cancer bone metastases are attenuated in a Tgif1-deficient bone microenvironment. Breast 516 2.216 Cancer Research, 2020, 22, 34.

517The degradation behavior of calciumâ€rich hydroxyapatite foams in vitro. Journal of Biomedical
Materials Research - Part A, 2021, 109, 859-868.2.15

ARTICLE

#	ARTICLE Acute lymphoblastic leukemia and the bone marrow microenvironment. Advances in Stem Cells and	IF	CITATIONS
518	Their Niches, 2021, 5, 1-34. The Potentials and Pitfalls of Using Adult Stem Cells in Cancer Treatment. Advances in Experimental Medicine and Biology, 2021, 1326, 139-157.	0.8	3
520	The skeletal stem cell. , 2021, , 75-98.		0
521	Focus on Osteosclerotic Progression in Primary Myelofibrosis. Biomolecules, 2021, 11, 122.	1.8	8
522	Chaperone-mediated autophagy sustains haematopoietic stem-cell function. Nature, 2021, 591, 117-123.	13.7	145
523	Inhibition of TGFÎ ² improves hematopoietic stem cell niche and ameliorates cancer-related anemia. Stem Cell Research and Therapy, 2021, 12, 65.	2.4	6
524	Mechanobiological Principles Influence the Immune Response in Regeneration: Implications for Bone Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 614508.	2.0	13
526	Сord blood hematopoietic stem cells ex vivo enhance the bipotential commitment of adipose mesenchymal stromal progenitors. Life Sciences, 2021, 268, 118970.	2.0	2
527	Exploiting bone niches: progression of disseminated tumor cells to metastasis. Journal of Clinical Investigation, 2021, 131, .	3.9	17
528	Far from Health: The Bone Marrow Microenvironment in AML, A Leukemia Supportive Shelter. Children, 2021, 8, 371.	0.6	4
529	Construction of the Gypsum-Coated Scaffolds for In Situ Bone Regeneration. ACS Applied Materials & Interfaces, 2021, 13, 31527-31541.	4.0	9
530	Solution blow spinning of PLLA/hydroxyapatite composite scaffolds for bone tissue engineering. Biomedical Materials (Bristol), 2021, 16, 055005.	1.7	12
531	Understanding the "SMART―features of hematopoietic stem cells and beyond. Science China Life Sciences, 2021, 64, 2030-2044.	2.3	8
532	Stem Cell Niche Microenvironment: Review. Bioengineering, 2021, 8, 108.	1.6	16
533	Role of the Bone Marrow Niche in Supporting the Pathogenesis of Lymphoid Malignancies. Frontiers in Cell and Developmental Biology, 2021, 9, 692320.	1.8	3
534	Bone marrow adiposity and the hematopoietic niche: A historical perspective of reciprocity, heterogeneity, and lineage commitment. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101564.	2.2	23
535	Effect of calcium-sensing receptor on the migration and proliferation of porcine intestinal epithelial cells. Animal Biotechnology, 2021, , 1-10.	0.7	0
536	The relationship between FGF23 and anemia in HD and renal transplant patients. International Urology and Nephrology, 2021, , 1.	0.6	2

#	Article	IF	CITATIONS
537	Rebuilding the hematopoietic stem cell niche: Recent developments and future prospects. Acta Biomaterialia, 2021, 132, 129-148.	4.1	15
538	Hematopoietic Stem Cells in Wound Healing Response. Advances in Wound Care, 2022, 11, 598-621.	2.6	5
539	Cellular and molecular actions of bisphosphonates. , 2022, , 921-942.		0
540	Mitochondrial calcium homeostasis in hematopoietic stem cell: Molecular regulation of quiescence, function, and differentiation. International Review of Cell and Molecular Biology, 2021, 362, 111-140.	1.6	8
541	Hematopoietic Stem Cell Niches. , 2009, , 47-71.		4
542	Adult Stem Cels and Their Niches. Advances in Experimental Medicine and Biology, 2010, 695, 155-168.	0.8	142
543	Regulation of Calcium Sensing Receptor Trafficking by RAMPs. Advances in Experimental Medicine and Biology, 2012, 744, 39-48.	0.8	11
544	The Niche Regulation of Hematopoietic Stem Cells. , 2009, , 165-173.		4
545	Hematopoietic Stem Cells. , 2009, , 347-377.		1
546	Stem Cell Niches. , 2009, , 109-150.		1
547	Methods to Analyze the Homing Efficiency and Spatial Distribution of Hematopoietic Stem and Progenitor Cells and Their Relationship to the Bone Marrow Endosteum and Vascular Endothelium. Methods in Molecular Biology, 2011, 750, 197-214.	0.4	14
548	Leukemia Stem Cells Microenvironment. Advances in Experimental Medicine and Biology, 2017, 1041, 19-32.	0.8	18
549	Mobilization of Bone Marrow-Derived Progenitors. Handbook of Experimental Pharmacology, 2007, , 3-36.	0.9	54
550	Mechanisms of Stem Cell Ageing. , 2008, , 111-140.		8
551	The Role of Bone Microenvironment, Vitamin D and Calcium. Recent Results in Cancer Research, 2012, 192, 33-64.	1.8	12
552	Acute Myeloid Leukaemia in Its Niche: the Bone Marrow Microenvironment in Acute Myeloid Leukaemia. Current Oncology Reports, 2020, 22, 27.	1.8	45
553	Hematopoietic Stem Cells. , 2007, , 735-748.		2
554	Live-animal imaging of native haematopoietic stem and progenitor cells. Nature, 2020, 578, 278-283.	13.7	171

#	Article	IF	Citations
555	Discovery of new role for calcium-sensing receptor strengthens link between formation of bone and formation of new blood cells. BoneKEy Osteovision, 2006, 3, 5-7.	0.6	1
556	The stem cell niche: tissue physiology at a single cell level. Journal of Clinical Investigation, 2012, 122, 3029-3034.	3.9	33
557	Protein tyrosine phosphatase–σ regulates hematopoietic stem cell–repopulating capacity. Journal of Clinical Investigation, 2015, 125, 177-182.	3.9	21
558	Past, present, and future efforts to enhance the efficacy of cord blood hematopoietic cell transplantation. F1000Research, 2019, 8, 1833.	0.8	36
559	Neuronal regulation of bone marrow stem cell niches. F1000Research, 2020, 9, 614.	0.8	14
560	Congenic Mice Confirm That Collagen X Is Required for Proper Hematopoietic Development. PLoS ONE, 2010, 5, e9518.	1.1	18
561	Molecular Signatures of the Primitive Prostate Stem Cell Niche Reveal Novel Mesenchymal-Epithelial Signaling Pathways. PLoS ONE, 2010, 5, e13024.	1.1	23
562	Single-Cell Analysis of Murine Long-Term Hematopoietic Stem Cells Reveals Distinct Patterns of Gene Expression during Fetal Migration. PLoS ONE, 2012, 7, e30542.	1.1	13
563	Determination and Modulation of Total and Surface Calcium-Sensing Receptor Expression in Monocytes In Vivo and In Vitro. PLoS ONE, 2013, 8, e74800.	1.1	8
564	Oncostatin M Maintains the Hematopoietic Microenvironment in the Bone Marrow by Modulating Adipogenesis and Osteogenesis. PLoS ONE, 2014, 9, e116209.	1.1	28
565	Mitochondrial Dysfunction in Human Leukemic Stem/Progenitor Cells upon Loss of RAC2. PLoS ONE, 2015, 10, e0128585.	1.1	15
566	Adult stem and transit-amplifying cell location. Histology and Histopathology, 2006, 21, 995-1027.	0.5	54
567	Prostate Cancer Metastatic to Bone has Higher Expression of the Calcium-Sensing Receptor (CaSR) than Primary Prostate Cancer. Receptors & Clinical Investigation, 2014, 1, .	0.9	14
568	Role of extracellular cations in cell motility, polarity, and chemotaxis. Research and Reports in Biology, 0, , 69.	0.2	2
569	The Role of the Calcium-Sensing Receptor in Bone Biology and Pathophysiology. Current Pharmaceutical Biotechnology, 2009, 10, 289-301.	0.9	49
570	Amalgamation of Stem Cells with Nanotechnology: A Unique Therapeutic Approach. Current Stem Cell Research and Therapy, 2019, 14, 83-92.	0.6	17
571	Control of microenvironmental cues with a smart biomaterial composite promotes endothelial progenitor cell angiogenesis. , 2012, 24, 90-106.		66
572	The role of the marrow microenvironment in hematopoietic stem cell transplantation. Cellular Therapy and Transplantation, 2010, 2, 7-12.	0.2	7

#	ARTICLE	IF	Citations
573	2011, 8, 643-658.	1.0	17
574	Identify multiple myeloma stem cells: Utopia?. World Journal of Stem Cells, 2015, 7, 84.	1.3	14
575	Skeletogenesis and the Hematopoietic Niche. , 0, , .		1
576	Calcium Sensing Receptor Modulation for Cancer Therapy. Asian Pacific Journal of Cancer Prevention, 2012, 13, 3561-3568.	0.5	12
577	Tumor Microenvironment., 2021,, 243-316.		0
578	Evolving cancer–niche interactions and therapeutic targets during bone metastasis. Nature Reviews Cancer, 2022, 22, 85-101.	12.8	47
579	Clinical and basic research papers $\hat{a} \in \hat{a}$ January 2006 selections. BoneKEy Osteovision, 2006, 3, 1-9.	0.6	0
580	Neural control of hematopoietic stem cell mobilization via osteoblasts. BoneKEy Osteovision, 2006, 3, 39-41.	0.6	0
581	Stem Cell Aging: Potential Effects on Health and Mortality. , 2008, , 1-19.		2
582	Calcium-sensing receptor. The AFCS-nature Molecule Pages, 0, , .	0.2	3
583	Control of Adult Stem Cell Function in Bioengineered Artificial Niches. , 2008, , 175-197.		0
585	Leukemic Stem Cells: New Therapeutic Targets?. , 2009, , 519-526.		0
586	Cancer Stem Cells and Metastasis: Emerging Themes and Therapeutic Implications. , 2009, , 91-109.		1
587	Blood–Bone Axis and Bone Marrow Microenvironment. , 2010, , 1-17.		0
588	Effect of tissue microenvironment on development and progression of cancer. Academic Journal of Second Military Medical University, 2009, 28, 1239-1243.	0.0	0
589	Immunohistochemical Comparison of Ontogenic Development of Bone Marrow Hematopoiesis in Two Different Ossification Systems. Dental Medicine Research, 2010, 30, 228-236.	0.1	0
590	Advances of Nanotechnology in the Stem Cells Research and Development. Nano Biomedicine and Engineering, 2010, 2, .	0.3	2
592	Analysis of Gene Expression as Relevant to Cancer Cells and Circulating Tumour Cells. Methods in Molecular Biology, 2011, 784, 55-75.	0.4	0

#	Article	IF	CITATIONS
593	Leukemia Stem Cells. , 2012, , 85-103.		0
594	Combination Strategies for Stem Cell Mobilization Targeting CXCR4 and S1P Receptors. , 2012, , 37-54.		0
595	Calcium signaling as a regulator of hematopoiesis. Frontiers in Bioscience - Elite, 2012, E4, 1375.	0.9	14
596	- Hematopoietic Stem Cells in Atherosclerotic Development and Resolution. , 2012, , 108-123.		0
597	Current Status and Perspectives in Stem Cell Research. Springer Briefs in Electrical and Computer Engineering, 2013, , 85-107.	0.3	0
598	Non-Hierarchically Organized Operations in Malignancies: Stromal Dysfunction Induces and Maintains Hematopoietic Malignancies. , 2013, , 69-90.		0
599	Mesenchymal stem cells as an essential hematopoietic stem cell niche component. Inflammation and Regeneration, 2013, 33, 013-018.	1.5	0
601	Targeting Homing to Enhance Engraftment Following Umbilical Cord Blood Stem Cell Transplantation. Pancreatic Islet Biology, 2014, , 177-191.	0.1	0
602	The Ontogeny of the Cells of the Innate and the Adaptive Immune System. , 0, , 21-39.		0
604	Extrinsic targeting strategies against acute myeloid leukemic stem cells. Integrative Cancer Science and Therapeutics, 2015, 2, .	0.1	0
605	Adult Hematopoietic Stem Cells: Niche Cross-Talks to Affect the Cell Fate. Niche Journal, 2016, 3, 12-23.	0.4	0
606	Tumor Microenvironment. , 2016, , 233-303.		0
607	Nucleic Acid Sample Preparation from Stem Cells. Springer Protocols, 2016, , 153-182.	0.1	0
608	The "Hypoxic―Stem Cell Niche. , 2016, , 25-37.		0
610	Calcium-Sensing Receptor Polymorphisms and Human Disease. , 2017, , 3-13.		1
611	Brief Introduction to the Basic Scientific Principles of Hematopoietic Stem Cell Transplantation (HSCT). , 2018, , 19-53.		0
612	Signals and Molecular Mechanisms Regulating Stem Cell Behavior in Other Systems (e.g.,) Tj ETQq0 0 0 rgBT /Ov	verlock 10	Tf 50 102 Td

ARTICLE IF CITATIONS Bone Nature and Blood Nurture., 2020, , 1-8. 0 614 Bone Marrow Hypocellularity in Patients with End-Stage Kidney Disease. Healthcare (Switzerland), 1.0 2021, 9, 1452. 616 Molecular Pathways Regulating the Geometric Induction of Bone Formation., 2020, , 159-180. 0 CaSR-Mediated hBMSCs Activity Modulation: Additional Coupling Mechanism in Bone Remodeling 1.8 Compartment. International Journal of Molecular Sciences, 2021, 22, 325. Bisphosphonates and Bone Cellsâ€"Molecular Mechanisms. , 2020, , 565-578. 618 1 The aging hematopoietic stem cell niche. Advances in Stem Cells and Their Niches, 2020, , 1-23. 0.1 620 Bone marrow niches in myelodysplastic syndromes., 2021, 7, . 1 Regulatory pathways associated with bone loss and bone marrow adiposity caused by aging chemotherapy, glucocorticoid therapy and radiotherapy. American Journal of Stem Cells, 2012, 1, 624 0.4 205-24. Co-transplantation with mesenchymal stem cells expressing a SDF-1/HOXB4 fusion protein markedly 625 improves hematopoietic stem cell engraftment and hematogenesis in irradiated mice. American Journal 0.0 8 of Translational Research (discontinued), 2014, 6, 691-702. Reciprocal Interactions of Leukemic Cells with Bone Marrow Stromal Cells Promote Enrichment of Leukemic Stem Cell Compartments in Response to Curcumin and Daunorubicin. Asian Pacific Journal of Cancer Prevention, 2017, 18, 831-840. Effects of hypoxia on bone metabolism and anemia in patients with chronic kidney disease. World 627 2 0.3 Journal of Clinical Cases, 2021, 9, 10616-10625. Sustained Local Ionic Homeostatic Imbalance (SLIHI) Caused by Calcification Modulates Inflammation 0.4 to Trigger Ectopic Bone Formation. SSRN Electronic Journal, 0, , . Hypoxia and Hematopoiesis. Current Stem Cell Reports, 2022, 8, 24-34. 629 0.7 1 Quantification of bone marrow interstitial pH and calcium concentration by intravital ratiometric 5.8 imaging. Nature Communications, 2022, 13, 393. PIEZO1 mediates a mechanothrombotic pathway in diabetes. Science Translational Medicine, 2022, 14, 631 5.8 28 eabk1707. Alterations in Hematopoietic and Mesenchymal Stromal Cell Components of the Osteopetrotic Bone Marrow Niche. Stem Cells Translational Medicine, 2022, 11, 310-321. 633 Put in a "Ca2+ll―to Acute Myeloid Leukemia. Cells, 2022, 11, 543. 1.8 3 Interconnections of fibroblast growth factor 23 and klotho with erythropoietin and 634 1.4 hypoxia-inducible factor. Molecular and Cellular Biochemistry, 2022, 477, 1973-1985.

#	Article	IF	CITATIONS
635	Sustained local ionic homeostatic imbalance caused by calcification modulates inflammation to trigger heterotopic ossification. Acta Biomaterialia, 2022, 145, 1-24.	4.1	10
636	Recent Advances in Osteoclast Biological Behavior. Frontiers in Cell and Developmental Biology, 2021, 9, 788680.	1.8	31
639	A bioactive material with dual integrin-targeting ligands regulates specific endogenous cell adhesion and promotes vascularized bone regeneration in adult and fetal bone defects. Bioactive Materials, 2023, 20, 179-193.	8.6	6
640	Osteoblast Lineage Support of Hematopoiesis in Health and Disease. Journal of Bone and Mineral Research, 2020, 37, 1823-1842.	3.1	6
641	Osteoclasts: Other functions. Bone, 2022, 165, 116576.	1.4	6
642	Angelica sinensis polysaccharides prevents hematopoietic regression in D-Galactose-Induced aging model via attenuation of oxidative stress in hematopoietic microenvironment. Molecular Biology Reports, 2023, 50, 121-132.	1.0	4
643	Deregulated calcium signaling in blood cancer: Underlying mechanisms and therapeutic potential. Frontiers in Oncology, 0, 12, .	1.3	3
644	Nanotechnology in stem cell research and therapy. Journal of Nanoparticle Research, 2023, 25, .	0.8	5
645	Bone Marrow Microenvironment as a Source of New Drug Targets for the Treatment of Acute Myeloid Leukaemia. International Journal of Molecular Sciences, 2023, 24, 563.	1.8	5
647	Donor derived hematopoietic stem cell niche transplantation facilitates mixed chimerism mediated donor specific tolerance. Frontiers in Immunology, 0, 14, .	2.2	1
649	The roles of bone remodeling in normal hematopoiesis and age-related hematological malignancies. Bone Research, 2023, 11, .	5.4	3
650	Tissue-specific macrophages: how they develop and choreograph tissue biology. Nature Reviews Immunology, 2023, 23, 563-579.	10.6	65
651	Novel differential calcium regulation of hematopoietic stem and progenitor cells under physiological low oxygen conditions. Journal of Cellular Physiology, 2023, 238, 1492-1506.	2.0	0
652	E3 ubiquitin ligase on the biological properties of hematopoietic stem cell. Journal of Molecular Medicine, 0, , .	1.7	0
663	The stem cell niche: key role on cell therapy in regenerative medicine. , 2024, , 265-275.		0
664	Ex Vivo Expansion and Homing of Human Cord Blood Hematopoietic Stem Cells. Advances in Experimental Medicine and Biology, 2023, , 85-104.	0.8	0