

Andrew W C Zannettino

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208
papers

11,354
citations

54
h-index

100
g-index

212
ext. papers

12,378
ext. citations

5.8
avg, IF

6
L-index

#	Paper	IF	Citations
208	Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. <i>Cell Reports</i> , 2021 , 37, 110058	10.6	4
207	Expression of the chemokine receptor CCR1 promotes the dissemination of multiple myeloma plasma cells in vivo. <i>Haematologica</i> , 2021 , 106, 3176-3187	6.6	3
206	Imaging of patients with multiple myeloma and associated plasma cell disorders: consensus practice statement by the Medical Scientific Advisory Group to Myeloma Australia. <i>Internal Medicine Journal</i> , 2021 , 51, 1707-1712	1.6	
205	Deletion of in Preosteoblasts Reveals a Role for the Mammalian Target of Rapamycin Complex 1 (mTORC1) Complex in Dietary-Induced Changes to Bone Mass and Glucose Homeostasis in Female Mice. <i>JBMR Plus</i> , 2021 , 5, e10486	3.9	
204	Plant-derived soybean peroxidase stimulates osteoblast collagen biosynthesis, matrix mineralization, and accelerates bone regeneration in a sheep model. <i>Bone Reports</i> , 2021 , 14, 101096	2.6	1
203	The stem cell revolution: on the role of CD164 as a human stem cell marker. <i>Npj Regenerative Medicine</i> , 2021 , 6, 33	15.8	1
202	Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 249-270	10.3	5
201	The Balance of Stromal BMP Signaling Mediated by GREM1 and ISLR Drives Colorectal Carcinogenesis. <i>Gastroenterology</i> , 2021 , 160, 1224-1239.e30	13.3	26
200	The revival of dithiocarbamates: from pesticides to innovative medical treatments. <i>IScience</i> , 2021 , 24, 102092	6.1	14
199	The mTORC1 complex in pre-osteoblasts regulates whole-body energy metabolism independently of osteocalcin. <i>Bone Research</i> , 2021 , 9, 10	13.3	2
198	CKLF and IL1B transcript levels at diagnosis are predictive of relapse in children with pre-B-cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2021 , 193, 171-175	4.5	
197	Desmoglein-2 expression is an independent predictor of poor prognosis patients with multiple myeloma. <i>Molecular Oncology</i> , 2021 ,	7.9	1
196	Macrophages in multiple myeloma: key roles and therapeutic strategies. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 273-284	9.6	2
195	Tumour Dissemination in Multiple Myeloma Disease Progression and Relapse: A Potential Therapeutic Target in High-Risk Myeloma. <i>Cancers</i> , 2020 , 12,	6.6	3
194	P-Related Protein Accelerates Human Mesenchymal Stromal Cell Migration by Modulating VLA-5 Interactions with Fibronectin. <i>Cells</i> , 2020 , 9,	7.9	2
193	CMTM8 Is a Suppressor of Human Mesenchymal Stem Cell Osteogenic Differentiation and Promoter of Proliferation Via EGFR Signaling. <i>Stem Cells and Development</i> , 2020 , 29, 823-834	4.4	2
192	3D printing of a thermosensitive hydrogel for skin tissue engineering: A proof of concept study. <i>Bioprinting</i> , 2020 , 19, e00089	7	18

191	Hydrogel-based preparation of cell aggregates for biomedical applications. <i>Applied Materials Today</i> , 2020 , 20, 100747	6.6	3
190	LCRF-0006, a small molecule mimetic of the N-cadherin antagonist peptide ADH-1, synergistically increases multiple myeloma response to bortezomib. <i>FASEB BioAdvances</i> , 2020 , 2, 339-353	2.8	2
189	Fabrication of a Cartilage Patch by Fusing Hydrogel-Derived Cell Aggregates onto Electrospun Film. <i>Tissue Engineering - Part A</i> , 2020 , 26, 863-871	3.9	6
188	Tunable Biomimetic Hydrogels from Silk Fibroin and Nanocellulose. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 2375-2389	8.3	50
187	GLIPR1 expression is reduced in multiple myeloma but is not a tumour suppressor in mice. <i>PLoS ONE</i> , 2020 , 15, e0228408	3.7	1
186	Twist-1 is upregulated by NSD2 and contributes to tumour dissemination and an epithelial-mesenchymal transition-like gene expression signature in t(4;14)-positive multiple myeloma. <i>Cancer Letters</i> , 2020 , 475, 99-108	9.9	12
185	Allogeneic primary mesenchymal stem/stromal cell aggregates within poly(N-isopropylacrylamide-co-acrylic acid) hydrogel for osteochondral regeneration. <i>Applied Materials Today</i> , 2020 , 18, 100487	6.6	4
184	Conditional knockout of ephrinB1 in osteogenic progenitors delays the process of endochondral ossification during fracture repair. <i>Bone</i> , 2020 , 132, 115189	4.7	5
183	HOPX regulates bone marrow-derived mesenchymal stromal cell fate determination via suppression of adipogenic gene pathways. <i>Scientific Reports</i> , 2020 , 10, 11345	4.9	8
182	Targeted Disruption of Bone Marrow Stromal Cell-Derived Gremlin1 Limits Multiple Myeloma Disease Progression In Vivo. <i>Cancers</i> , 2020 , 12,	6.6	3
181	Characterization of the role of Samsn1 loss in multiple myeloma development. <i>FASEB BioAdvances</i> , 2020 , 2, 554-572	2.8	1
180	A niche-dependent myeloid transcriptome signature defines dormant myeloma cells. <i>Blood</i> , 2019 , 134, 30-43	2.2	54
179	Subclonal evolution in disease progression from MGUS/SMM to multiple myeloma is characterised by clonal stability. <i>Leukemia</i> , 2019 , 33, 457-468	10.7	51
178	Clodronate-Liposome Mediated Macrophage Depletion Abrogates Multiple Myeloma Tumor Establishment In Vivo. <i>Neoplasia</i> , 2019 , 21, 777-787	6.4	30
177	Specific functions of TET1 and TET2 in regulating mesenchymal cell lineage determination. <i>Epigenetics and Chromatin</i> , 2019 , 12, 3	5.8	39
176	Loss of EfnB1 in the osteogenic lineage compromises their capacity to support hematopoietic stem/progenitor cell maintenance. <i>Experimental Hematology</i> , 2019 , 69, 43-53	3.1	10
175	Enhanced multi-lineage differentiation of human mesenchymal stem/stromal cells within poly(N-isopropylacrylamide-acrylic acid) microgel-formed three-dimensional constructs. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1799-1814	7.3	11
174	Translation of remote control regenerative technologies for bone repair. <i>Npj Regenerative Medicine</i> , 2018 , 3, 9	15.8	18

173	Mesenchymal progenitor cells primed with pentosan polysulfate promote lumbar intervertebral disc regeneration in an ovine model of microdiscectomy. <i>Spine Journal</i> , 2018 , 18, 491-506	4	17
172	Osteocalcin-dependent regulation of glucose metabolism and fertility: Skeletal implications for the development of insulin resistance. <i>Journal of Cellular Physiology</i> , 2018 , 233, 3769-3783	7	11
171	The osteoprogenitor-specific loss of ephrinB1 results in an osteoporotic phenotype affecting the balance between bone formation and resorption. <i>Scientific Reports</i> , 2018 , 8, 12756	4.9	8
170	Co-fuse: a new class discovery analysis tool to identify and prioritize recurrent fusion genes from RNA-sequencing data. <i>Molecular Genetics and Genomics</i> , 2018 , 293, 1217-1229	3.1	
169	mTORC1 plays an important role in osteoblastic regulation of B-lymphopoiesis. <i>Scientific Reports</i> , 2018 , 8, 14501	4.9	12
168	miRNA-376c-3p Mediates TWIST-1 Inhibition of Bone Marrow-Derived Stromal Cell Osteogenesis and Can Reduce Aberrant Bone Formation of TWIST-1 Haploinsufficient Calvarial Cells. <i>Stem Cells and Development</i> , 2018 , 27, 1621-1633	4.4	8
167	Tyrosine kinase receptor c-ros-oncogene 1 inhibition alleviates aberrant bone formation of TWIST-1 haploinsufficient calvarial cells from Saethre-Chotzen syndrome patients. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7320-7332	7	3
166	Treatment of patients with Waldenström macroglobulinaemia: clinical practice guidelines from the Myeloma Foundation of Australia Medical and Scientific Advisory Group. <i>Internal Medicine Journal</i> , 2017 , 47, 35-49	1.6	7
165	mTORC1 Plays an Important Role in Skeletal Development by Controlling Preosteoblast Differentiation. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	36
164	The cationic small molecule GW4869 is cytotoxic to high phosphatidylserine-expressing myeloma cells. <i>British Journal of Haematology</i> , 2017 , 177, 423-440	4.5	15
163	Cutting edge genomics reveal new insights into tumour development, disease progression and therapeutic impacts in multiple myeloma. <i>British Journal of Haematology</i> , 2017 , 178, 196-208	4.5	13
162	EZH2 deletion in early mesenchyme compromises postnatal bone microarchitecture and structural integrity and accelerates remodeling. <i>FASEB Journal</i> , 2017 , 31, 1011-1027	0.9	42
161	The Mesenchymal Precursor Cell Marker Antibody STRO-1 Binds to Cell Surface Heat Shock Cognate 70. <i>Stem Cells</i> , 2017 , 35, 940-951	5.8	23
160	Histone deacetylases (HDAC) in physiological and pathological bone remodelling. <i>Bone</i> , 2017 , 95, 162-174	4.7	36
159	EphA5 and EphA7 forward signaling enhances human hematopoietic stem and progenitor cell maintenance, migration, and adhesion via Rac1 activation. <i>Experimental Hematology</i> , 2017 , 48, 72-78	3.1	14
158	Pentosan polysulfate binds to STRO-1 mesenchymal progenitor cells, is internalized, and modifies gene expression: a novel approach of pre-programing stem cells for therapeutic application requiring their chondrogenesis. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 278	8.3	2
157	HIF-2 α Promotes Dissemination of Plasma Cells in Multiple Myeloma by Regulating CXCL12/CXCR4 and CCR1. <i>Cancer Research</i> , 2017 , 77, 5452-5463	10.1	33
156	Anticancer efficacy of the hypoxia-activated prodrug evofosfamide is enhanced in combination with proapoptotic receptor agonists against osteosarcoma. <i>Cancer Medicine</i> , 2017 , 6, 2164-2176	4.8	9

155	Bisphosphonate guidelines for treatment and prevention of myeloma bone disease. <i>Internal Medicine Journal</i> , 2017 , 47, 938-951	1.6	13
154	Peroxidase enzymes inhibit osteoclast differentiation and bone resorption. <i>Molecular and Cellular Endocrinology</i> , 2017 , 440, 8-15	4.4	9
153	Tyrosine kinase receptor c-ros-oncogene 1 mediates TWIST-1 regulation of human mesenchymal stem cell lineage commitment. <i>Bone</i> , 2017 , 94, 98-107	4.7	11
152	Adoptive transfer of ex vivo expanded VβVα T cells in combination with zoledronic acid inhibits cancer growth and limits osteolysis in a murine model of osteolytic breast cancer. <i>Cancer Letters</i> , 2017 , 386, 141-150	9.9	15
151	DNA Barcoding Reveals Habitual Clonal Dominance of Myeloma Plasma Cells in the Bone Marrow Microenvironment. <i>Neoplasia</i> , 2017 , 19, 972-981	6.4	12
150	Sphingosine kinase 2 inhibition synergises with bortezomib to target myeloma by enhancing endoplasmic reticulum stress. <i>Oncotarget</i> , 2017 , 8, 43602-43616	3.3	29
149	Engineering DN hydrogels from regenerated silk fibroin and poly(N-vinylcaprolactam). <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5519-5533	7.3	20
148	A non-canonical role for desmoglein-2 in endothelial cells: implications for neoangiogenesis. <i>Angiogenesis</i> , 2016 , 19, 463-86	10.6	21
147	Allogeneic Mesenchymal Precursor Cells Promote Healing in Postero-lateral Annular Lesions and Improve Indices of Lumbar Intervertebral Disc Degeneration in an Ovine Model. <i>Spine</i> , 2016 , 41, 1331-1339	3.3	31
146	Twist-1 Enhances Bone Marrow Mesenchymal Stromal Cell Support of Hematopoiesis by Modulating CXCL12 Expression. <i>Stem Cells</i> , 2016 , 34, 504-9	5.8	13
145	Increased miR-155-5p and reduced miR-148a-3p contribute to the suppression of osteosarcoma cell death. <i>Oncogene</i> , 2016 , 35, 5282-5294	9.2	44
144	Identification of Novel EZH2 Targets Regulating Osteogenic Differentiation in Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2016 , 25, 909-21	4.4	45
143	Loss of ephrinB1 in osteogenic progenitor cells impedes endochondral ossification and compromises bone strength integrity during skeletal development. <i>Bone</i> , 2016 , 93, 12-21	4.7	13
142	Anticancer efficacy of the hypoxia-activated prodrug evofosfamide (TH-302) in osteolytic breast cancer murine models. <i>Cancer Medicine</i> , 2016 , 5, 534-45	4.8	22
141	Management of systemic AL amyloidosis: recommendations of the Myeloma Foundation of Australia Medical and Scientific Advisory Group. <i>Internal Medicine Journal</i> , 2015 , 45, 371-82	1.6	13
140	Systematic Screening Identifies Dual PI3K and mTOR Inhibition as a Conserved Therapeutic Vulnerability in Osteosarcoma. <i>Clinical Cancer Research</i> , 2015 , 21, 3216-29	12.9	47
139	PTTG1 expression is associated with hyperproliferative disease and poor prognosis in multiple myeloma. <i>Journal of Hematology and Oncology</i> , 2015 , 8, 106	22.4	23
138	EphB4 Expressing Stromal Cells Exhibit an Enhanced Capacity for Hematopoietic Stem Cell Maintenance. <i>Stem Cells</i> , 2015 , 33, 2838-49	5.8	25

137	Therapeutic targeting of N-cadherin is an effective treatment for multiple myeloma. <i>British Journal of Haematology</i> , 2015 , 171, 387-99	4.5	21
136	Bone Marrow Recovery by Morphometry during Induction Chemotherapy for Acute Lymphoblastic Leukemia in Children. <i>PLoS ONE</i> , 2015 , 10, e0126233	3.7	11
135	Hypoxia inducible factor (HIF)-2 α accelerates disease progression in mouse models of leukemia and lymphoma but is not a poor prognosis factor in human AML. <i>Leukemia</i> , 2015 , 29, 2075-85	10.7	24
134	Osteoclasts control reactivation of dormant myeloma cells by remodelling the endosteal niche. <i>Nature Communications</i> , 2015 , 6, 8983	17.4	232
133	The effect of the PI3K inhibitor BKM120 on tumour growth and osteolytic bone disease in multiple myeloma. <i>Leukemia Research</i> , 2015 , 39, 380-7	2.7	16
132	Brief report: the differential roles of mTORC1 and mTORC2 in mesenchymal stem cell differentiation. <i>Stem Cells</i> , 2015 , 33, 1359-65	5.8	65
131	Hypoxia-activated pro-drug TH-302 exhibits potent tumor suppressive activity and cooperates with chemotherapy against osteosarcoma. <i>Cancer Letters</i> , 2015 , 357, 160-169	9.9	34
130	Tetraspanin 7 (TSPAN7) expression is upregulated in multiple myeloma patients and inhibits myeloma tumour development in vivo. <i>Experimental Cell Research</i> , 2015 , 332, 24-38	4.2	22
129	The effect of the dual PI3K and mTOR inhibitor BEZ235 on tumour growth and osteolytic bone disease in multiple myeloma. <i>European Journal of Haematology</i> , 2015 , 94, 343-54	3.8	24
128	Treatment of patients with multiple myeloma who are eligible for stem cell transplantation: position statement of the Myeloma Foundation of Australia Medical and Scientific Advisory Group. <i>Internal Medicine Journal</i> , 2015 , 45, 94-105	1.6	10
127	EZH2 and KDM6A act as an epigenetic switch to regulate mesenchymal stem cell lineage specification. <i>Stem Cells</i> , 2014 , 32, 802-15	5.8	179
126	Fabrication and characterisation of an electrospun tubular 3D scaffold platform of poly(vinylidene fluoride-co-hexafluoropropylene) for small-diameter blood vessel application. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 2023-41	3.5	9
125	Facile and rapid ruthenium mediated photo-crosslinking of Bombyx mori silk fibroin. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6259-6270	7.3	53
124	SAMSN1 is a tumor suppressor gene in multiple myeloma. <i>Neoplasia</i> , 2014 , 16, 572-85	6.4	33
123	Engineering interaction between bone marrow derived endothelial cells and electrospun surfaces for artificial vascular graft applications. <i>Biomacromolecules</i> , 2014 , 15, 1276-87	6.9	15
122	Interaction of platelets with poly(vinylidene fluoride-co-hexafluoropropylene) electrospun surfaces. <i>Biomacromolecules</i> , 2014 , 15, 744-55	6.9	17
121	Effects of bound versus soluble pentosan polysulphate in PEG/HA-based hydrogels tailored for intervertebral disc regeneration. <i>Biomaterials</i> , 2014 , 35, 1150-62	15.6	49
120	Incremental benefits of repeated mesenchymal stromal cell administration compared with solitary intervention after myocardial infarction. <i>Cytotherapy</i> , 2014 , 16, 460-70	4.8	20

119	Myeloma plasma cells alter the bone marrow microenvironment by stimulating the proliferation of mesenchymal stromal cells. <i>Haematologica</i> , 2014 , 99, 163-71	6.6	77
118	Pharmacologic inhibition of bone resorption prevents cancer-induced osteolysis but enhances soft tissue metastasis in a mouse model of osteolytic breast cancer. <i>International Journal of Oncology</i> , 2014 , 45, 532-40	4.4	19
117	Doxorubicin overcomes resistance to drozitumab by antagonizing Inhibitor of Apoptosis Proteins (IAPs). <i>Anticancer Research</i> , 2014 , 34, 7007-20	2.3	3
116	Optimization of the cardiovascular therapeutic properties of mesenchymal stromal/stem cells-taking the next step. <i>Stem Cell Reviews and Reports</i> , 2013 , 9, 281-302	6.4	26
115	EphB4 enhances the process of endochondral ossification and inhibits remodeling during bone fracture repair. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 926-35	6.3	38
114	An injectable hydrogel incorporating mesenchymal precursor cells and pentosan polysulphate for intervertebral disc regeneration. <i>Biomaterials</i> , 2013 , 34, 9430-40	15.6	108
113	Impact of timing and dose of mesenchymal stromal cell therapy in a preclinical model of acute myocardial infarction. <i>Journal of Cardiac Failure</i> , 2013 , 19, 342-53	3.3	39
112	Near superhydrophobic fibrous scaffold for endothelialization: fabrication, characterization and cellular activities. <i>Biomacromolecules</i> , 2013 , 14, 3850-60	6.9	21
111	Prospective histomorphometric and DXA evaluation of bone remodeling in imatinib-treated CML patients: evidence for site-specific skeletal effects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 67-76	5.6	19
110	Cardiac magnetic resonance, transthoracic and transoesophageal echocardiography: a comparison of in vivo assessment of ventricular function in rats. <i>Laboratory Animals</i> , 2013 , 47, 291-300	2.6	7
109	Circulating N-cadherin levels are a negative prognostic indicator in patients with multiple myeloma. <i>British Journal of Haematology</i> , 2013 , 161, 499-507	4.5	17
108	Protein kinase activity of phosphoinositide 3-kinase regulates cytokine-dependent cell survival. <i>PLoS Biology</i> , 2013 , 11, e1001515	9.7	19
107	Multipotential Mesenchymal Stromal/Stem Cells in Skeletal Tissue Repair 2013 , 82-102		2
106	Current and future applications for stem cell therapies in spine surgery. <i>Current Stem Cell Research and Therapy</i> , 2013 , 8, 381-93	3.6	12
105	Hypoxia Inducible Factor (HIF)-2 Enhances Proliferation Of Malignant Hematopoietic Cells In The Hypoxic Malignant Bone Marrow. <i>Blood</i> , 2013 , 122, 2895-2895	2.2	
104	Prenatally engineered autologous amniotic fluid stem cell-based heart valves in the fetal circulation. <i>Biomaterials</i> , 2012 , 33, 4031-43	15.6	66
103	Microarray expression analysis of genes and pathways involved in growth plate cartilage injury responses and bony repair. <i>Bone</i> , 2012 , 50, 1081-91	4.7	40
102	Decidua parietalis-derived mesenchymal stromal cells reside in a vascular niche within the choriodecidua. <i>Reproductive Sciences</i> , 2012 , 19, 1302-14	3	32

101	The immunoreceptor tyrosine-based activation motif (ITAM) -related factors are increased in synovial tissue and vasculature of rheumatoid arthritic joints. <i>Arthritis Research and Therapy</i> , 2012 , 14, R245	5.7	36
100	Suppression of PDGF-induced PI3 kinase activity by imatinib promotes adipogenesis and adiponectin secretion. <i>Journal of Molecular Endocrinology</i> , 2012 , 48, 229-40	4.5	46
99	Twist-1 induces Ezh2 recruitment regulating histone methylation along the Ink4A/Arf locus in mesenchymal stem cells. <i>Molecular and Cellular Biology</i> , 2012 , 32, 1433-41	4.8	91
98	Immunoselected STRO-3+ mesenchymal precursor cells and restoration of the extracellular matrix of degenerate intervertebral discs. <i>Journal of Neurosurgery: Spine</i> , 2012 , 16, 479-88	2.8	72
97	Tug of war in the haematopoietic stem cell niche: do myeloma plasma cells compete for the HSC niche?. <i>Blood Cancer Journal</i> , 2012 , 2, e91	7	39
96	The efficacy of allogeneic mesenchymal precursor cells for the repair of an ovine tibial segmental defect. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2011 , 24, 113-21	1.2	35
95	The emerging role of hypoxia, HIF-1 and HIF-2 in multiple myeloma. <i>Leukemia</i> , 2011 , 25, 1533-42	10.7	98
94	TWEAK and Fn14 expression in the pathogenesis of joint inflammation and bone erosion in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2011 , 13, R51	5.7	35
93	EphB/ephrin-B interactions mediate human MSC attachment, migration and osteochondral differentiation. <i>Bone</i> , 2011 , 48, 533-42	4.7	71
92	Myeloma-induced alloreactive T cells arising in myeloma-infiltrated bones include double-positive CD8+CD4+ T cells: evidence from myeloma-bearing mouse model. <i>Journal of Immunology</i> , 2011 , 187, 3987-96	5.3	8
91	Reticulin fibres anchor leukaemic blasts in the marrow of patients with acute lymphoblastic leukaemia. <i>Medical Hypotheses</i> , 2011 , 77, 333-5	3.8	7
90	A comparison of mesenchymal precursor cells and amnion epithelial cells for enhancing cervical interbody fusion in an ovine model. <i>Neurosurgery</i> , 2011 , 68, 1025-34; discussion 1034-5	3.2	19
89	OCT-1 function varies with cell lineage but is not influenced by BCR-ABL. <i>Haematologica</i> , 2011 , 96, 213-20	6	12
88	Therapeutic effects of human STRO-3-selected mesenchymal precursor cells and their soluble factors in experimental myocardial ischemia. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2117-29	5.6	38
87	Assessment of myocardial fibrosis by endoventricular electromechanical mapping in experimental nonischemic cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2011 , 27, 25-37	2.5	29
86	Development of novel monoclonal antibodies that define differentiation stages of human stromal (mesenchymal) stem cells. <i>Molecules and Cells</i> , 2011 , 32, 133-42	3.5	13
85	Anticancer efficacy of Apo2L/TRAIL is retained in the presence of high and biologically active concentrations of osteoprotegerin in vivo. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 630-43	6.3	16
84	The tyrosine kinase inhibitor dasatinib (SPRYCEL) inhibits chondrocyte activity and proliferation. <i>Blood Cancer Journal</i> , 2011 , 1, e2	7	21

83	Methods for the purification and characterization of human adipose-derived stem cells. <i>Methods in Molecular Biology</i> , 2011 , 702, 109-20	1.4	18
82	Circulating levels of TWEAK correlate with bone erosion in multiple myeloma patients. <i>British Journal of Haematology</i> , 2010 , 150, 373-6	4.5	4
81	Chronic myeloid leukemia CD34+ cells have reduced uptake of imatinib due to low OCT-1 activity. <i>Leukemia</i> , 2010 , 24, 765-70	10.7	57
80	Cervical motion preservation using mesenchymal progenitor cells and pentosan polysulfate, a novel chondrogenic agent: preliminary study in an ovine model. <i>Neurosurgical Focus</i> , 2010 , 28, E4	4.2	29
79	Identification of a common gene expression signature associated with immature clonal mesenchymal cell populations derived from bone marrow and dental tissues. <i>Stem Cells and Development</i> , 2010 , 19, 1501-10	4.4	71
78	Comparative assessment of the osteoconductive properties of different biomaterials in vivo seeded with human or ovine mesenchymal stem/stromal cells. <i>Tissue Engineering - Part A</i> , 2010 , 16, 3579-87	3.87	33
77	Plasma adiponectin levels are markedly elevated in imatinib-treated chronic myeloid leukemia (CML) patients: a mechanism for improved insulin sensitivity in type 2 diabetic CML patients?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3763-7	5.6	43
76	Positioning of bone marrow hematopoietic and stromal cells relative to blood flow in vivo: serially reconstituting hematopoietic stem cells reside in distinct nonperfused niches. <i>Blood</i> , 2010 , 116, 375-85	2.2	193
75	Dysregulation of bone remodeling by imatinib mesylate. <i>Blood</i> , 2010 , 115, 766-74	2.2	108
74	The poor response to imatinib observed in CML patients with low OCT-1 activity is not attributable to lower uptake of imatinib into their CD34+ cells. <i>Blood</i> , 2010 , 116, 2776-8	2.2	18
73	Hypoxia-inducible factor-2 is a novel regulator of aberrant CXCL12 expression in multiple myeloma plasma cells. <i>Haematologica</i> , 2010 , 95, 776-84	6.6	73
72	Intramyocardial navigation and mapping for stem cell delivery. <i>Journal of Cardiovascular Translational Research</i> , 2010 , 3, 135-46	3.3	29
71	Mesenchymal stem cells in human placental chorionic villi reside in a vascular Niche. <i>Placenta</i> , 2010 , 31, 203-12	3.4	111
70	NVP-BE2235, a dual pan class I PI3 kinase and mTOR inhibitor, promotes osteogenic differentiation in human mesenchymal stromal cells. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2126-37	6.3	53
69	The tyrosine kinase inhibitor dasatinib dysregulates bone remodeling through inhibition of osteoclasts in vivo. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1759-70	6.3	70
68	Enrichment for STRO-1 expression enhances the cardiovascular paracrine activity of human bone marrow-derived mesenchymal cell populations. <i>Journal of Cellular Physiology</i> , 2010 , 223, 530-40	7	111
67	Reparative effects of allogeneic mesenchymal precursor cells delivered transendocardially in experimental nonischemic cardiomyopathy. <i>JACC: Cardiovascular Interventions</i> , 2010 , 3, 974-83	5	54
66	Potential applications for using stem cells in spine surgery. <i>Current Stem Cell Research and Therapy</i> , 2010 , 5, 345-55	3.6	10

65	Application of autologous bone marrow derived mesenchymal stem cells to an ovine model of growth plate cartilage injury. <i>The Open Orthopaedics Journal</i> , 2010 , 4, 204-10	0.3	40
64	Ethylene Diamine Tetra Acetic Acid (EDTA) Decalcification of Paediatric Bone Marrow Trepines In a Diagnostic Laboratory. <i>Blood</i> , 2010 , 116, 2566-2566	2.2	
63	Apo2L/TRAIL inhibits tumor growth and bone destruction in a murine model of multiple myeloma. <i>Clinical Cancer Research</i> , 2009 , 15, 1998-2009	12.9	30
62	Apomab, a fully human agonistic antibody to DR5, exhibits potent antitumor activity against primary and metastatic breast cancer. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 2969-80	6.1	38
61	The therapeutic applications of multipotential mesenchymal/stromal stem cells in skeletal tissue repair. <i>Journal of Cellular Physiology</i> , 2009 , 218, 237-45	7	253
60	Characterisation and developmental potential of ovine bone marrow derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2009 , 219, 324-33	7	124
59	Genomic profiling of mesenchymal stem cells. <i>Stem Cell Reviews and Reports</i> , 2009 , 5, 36-50	6.4	59
58	Implanted adult human dental pulp stem cells induce endogenous axon guidance. <i>Stem Cells</i> , 2009 , 27, 2229-37	5.8	121
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