

Andrew W C Zannettino

List of Publications by Citations

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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	Molecular and cellular characterisation of highly purified stromal stem cells derived from human bone marrow. <i>Journal of Cell Science</i> , 2003 , 116, 1827-35	5.3	882
207	Multipotential human adipose-derived stromal stem cells exhibit a perivascular phenotype in vitro and in vivo. <i>Journal of Cellular Physiology</i> , 2008 , 214, 413-21	7	454
206	OCT-1-mediated influx is a key determinant of the intracellular uptake of imatinib but not nilotinib (AMN107): reduced OCT-1 activity is the cause of low in vitro sensitivity to imatinib. <i>Blood</i> , 2006 , 108, 697-704	2.2	370
205	Stromal-derived factor-1 promotes the growth, survival, and development of human bone marrow stromal stem cells. <i>Blood</i> , 2005 , 105, 3793-801	2.2	317
204	Most CML patients who have a suboptimal response to imatinib have low OCT-1 activity: higher doses of imatinib may overcome the negative impact of low OCT-1 activity. <i>Blood</i> , 2007 , 110, 4064-72	2.2	277
203	Concise review: mesenchymal stromal cells: potential for cardiovascular repair. <i>Stem Cells</i> , 2008 , 26, 2203-10	3.80	274
202	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
201	Macrophage colony-stimulating factor receptor c-fms is a novel target of imatinib. <i>Blood</i> , 2005 , 105, 3127-32	2.32	244
200	Osteoclasts control reactivation of dormant myeloma cells by remodelling the endosteal niche. <i>Nature Communications</i> , 2015 , 6, 8983	17.4	232
199	Differential cell surface expression of the STRO-1 and alkaline phosphatase antigens on discrete developmental stages in primary cultures of human bone cells. <i>Journal of Bone and Mineral Research</i> , 1999 , 14, 47-56	6.3	229
198	RANKL expression is related to the differentiation state of human osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 1088-98	6.3	195
197	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
196	Metabolism of vitamin D3 in human osteoblasts: evidence for autocrine and paracrine activities of 1 alpha,25-dihydroxyvitamin D3. <i>Bone</i> , 2007 , 40, 1517-28	4.7	191
195	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
194	Elevated serum levels of stromal-derived factor-1alpha are associated with increased osteoclast activity and osteolytic bone disease in multiple myeloma patients. <i>Cancer Research</i> , 2005 , 65, 1700-9	10.1	174
193	Receptor activator of nuclear factor-kappaB ligand expression by human myeloma cells mediates osteoclast formation in vitro and correlates with bone destruction in vivo. <i>Cancer Research</i> , 2003 , 63, 5438-45	10.1	165
192	The proliferation and phenotypic expression of human osteoblasts on tantalum metal. <i>Biomaterials</i> , 2004 , 25, 2215-27	15.6	159

191	TWIST family of basic helix-loop-helix transcription factors mediate human mesenchymal stem cell growth and commitment. <i>Stem Cells</i> , 2009 , 27, 2457-68	5.8	154
190	A role for pericytes as microenvironmental regulators of human skin tissue regeneration. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2795-806	15.9	150
189	Long-term imatinib therapy promotes bone formation in CML patients. <i>Blood</i> , 2008 , 111, 2538-47	2.2	136
188	Characterisation and developmental potential of ovine bone marrow derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2009 , 219, 324-33	7	124
187	Osteoprotegerin (OPG) is localized to the Weibel-Palade bodies of human vascular endothelial cells and is physically associated with von Willebrand factor. <i>Journal of Cellular Physiology</i> , 2005 , 204, 714-23	7	124
186	The nitrogen-containing bisphosphonate, zoledronic acid, influences RANKL expression in human osteoblast-like cells by activating TNF-alpha converting enzyme (TACE). <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 147-54	6.3	123
185	Implanted adult human dental pulp stem cells induce endogenous axon guidance. <i>Stem Cells</i> , 2009 , 27, 2229-37	5.8	121
184	Mesenchymal stem cells in human placental chorionic villi reside in a vascular Niche. <i>Placenta</i> , 2010 , 31, 203-12	3.4	111
183	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
182	An injectable hydrogel incorporating mesenchymal precursor cells and pentosan polysulphate for intervertebral disc regeneration. <i>Biomaterials</i> , 2013 , 34, 9430-40	15.6	108
181	Dysregulation of bone remodeling by imatinib mesylate. <i>Blood</i> , 2010 , 115, 766-74	2.2	108
180	RANK Expression as a cell surface marker of human osteoclast precursors in peripheral blood, bone marrow, and giant cell tumors of bone. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 1339-49	6.3	104
179	A novel monoclonal antibody (STRO-3) identifies an isoform of tissue nonspecific alkaline phosphatase expressed by multipotent bone marrow stromal stem cells. <i>Stem Cells and Development</i> , 2007 , 16, 953-63	4.4	103
178	PSGL-1-mediated adhesion of human hematopoietic progenitors to P-selectin results in suppression of hematopoiesis. <i>Immunity</i> , 1999 , 11, 369-78	32.3	99
177	The emerging role of hypoxia, HIF-1 and HIF-2 in multiple myeloma. <i>Leukemia</i> , 2011 , 25, 1533-42	10.7	98
176	The nitrogen-containing bisphosphonate, zoledronic acid, increases mineralisation of human bone-derived cells in vitro. <i>Bone</i> , 2004 , 34, 112-23	4.7	92
175	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
174	Potential adhesion mechanisms for localisation of haemopoietic progenitors to bone marrow stroma. <i>Leukemia and Lymphoma</i> , 1994 , 12, 353-63	1.9	85

173	Osteoprotegerin inhibits osteoclast formation and bone resorbing activity in giant cell tumors of bone. <i>Bone</i> , 2001 , 28, 370-7	4.7	83
172	MUC18, a member of the immunoglobulin superfamily, is expressed on bone marrow fibroblasts and a subset of hematological malignancies. <i>Leukemia</i> , 1998 , 12, 414-21	10.7	80
171	Adhesion molecules in haemopoiesis. <i>Best Practice and Research: Clinical Haematology</i> , 1997 , 10, 485-505		78
170	Mesenchymal lineage precursor cells induce vascular network formation in ischemic myocardium. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2006 , 3 Suppl 1, S18-22		78
169	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
168	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
167	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
166	EphB/ephrin-B interactions mediate human MSC attachment, migration and osteochondral differentiation. <i>Bone</i> , 2011 , 48, 533-42	4.7	71
165	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
164	Imatinib as a potential antiresorptive therapy for bone disease. <i>Blood</i> , 2006 , 107, 4334-7	2.2	71
163	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
162	Human multipotential mesenchymal/stromal stem cells are derived from a discrete subpopulation of STRO-1 ^{bright} /CD34 ⁻ /CD45 ⁻ /glycophorin-A ⁻ bone marrow cells. <i>Haematologica</i> , 2007 , 92, 1707-8	6.6	69
161	Prenatally engineered autologous amniotic fluid stem cell-based heart valves in the fetal circulation. <i>Biomaterials</i> , 2012 , 33, 4031-43	15.6	66
160	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
159	Heat shock protein-90 beta is expressed at the surface of multipotential mesenchymal precursor cells: generation of a novel monoclonal antibody, STRO-4, with specificity for mesenchymal precursor cells from human and ovine tissues. <i>Stem Cells and Development</i> , 2009 , 18, 1253-62	4.4	64
158	Human osteoblasts are resistant to Apo2L/TRAIL-mediated apoptosis. <i>Bone</i> , 2002 , 31, 448-56	4.7	64
157	Genomic profiling of mesenchymal stem cells. <i>Stem Cell Reviews and Reports</i> , 2009 , 5, 36-50	6.4	59
156	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

155	Targeted disruption of the CXCL12/CXCR4 axis inhibits osteolysis in a murine model of myeloma-associated bone loss. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1150-61	6.3	57
154	A niche-dependent myeloid transcriptome signature defines dormant myeloma cells. <i>Blood</i> , 2019 , 134, 30-43	2.2	54
153	Reparative effects of allogeneic mesenchymal precursor cells delivered transendocardially in experimental nonischemic cardiomyopathy. <i>JACC: Cardiovascular Interventions</i> , 2010 , 3, 974-83	5	54
152	CD36/fatty acid translocase in rats: distribution, isolation from hepatocytes, and comparison with the scavenger receptor SR-B1. <i>Laboratory Investigation</i> , 2003 , 83, 317-32	5.9	54
151	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
150	NVP-BEZ235, 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
149	Potential roles of growth factor PDGF-BB in the bony repair of injured growth plate. <i>Bone</i> , 2009 , 44, 878-85	4.7	52
148	A method to isolate and purify human bone marrow stromal stem cells. <i>Methods in Molecular Biology</i> , 2008 , 449, 45-57	1.4	52
147	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
146	Tunable Biomimetic Hydrogels from Silk Fibroin and Nanocellulose. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 2375-2389	8.3	50
145	Therapeutic concentrations of dasatinib inhibit in vitro osteoclastogenesis. <i>Leukemia</i> , 2009 , 23, 994-7	10.7	50
144	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
143	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
142	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
141	The role of the chemokine CXCL12 in osteoclastogenesis. <i>Trends in Endocrinology and Metabolism</i> , 2007 , 18, 108-13	8.8	46
140	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
139	Inhibition of c-fms by imatinib: expanding the spectrum of treatment. <i>Cell Cycle</i> , 2005 , 4, 851-3	4.7	44
138	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

137	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
136	CD164 monoclonal antibodies that block hemopoietic progenitor cell adhesion and proliferation interact with the first mucin domain of the CD164 receptor. <i>Journal of Immunology</i> , 2000 , 165, 840-51	5.3	43
135	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
134	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
133	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
132	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
131	Imatinib mesylate causes growth plate closure in vivo. <i>Leukemia</i> , 2009 , 23, 2155-9	10.7	39
130	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
129	Specific functions of TET1 and TET2 in regulating mesenchymal cell lineage determination. <i>Epigenetics and Chromatin</i> , 2019 , 12, 3	5.8	39
128	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
127	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
126	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
125	Molecular cloning of the cell surface antigen identified by the osteoprogenitor-specific monoclonal antibody, HOP-26. <i>Journal of Cellular Biochemistry</i> , 2003 , 89, 56-66	4.7	38
124	mTORC1 Plays an Important Role in Skeletal Development by Controlling Preosteoblast Differentiation. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	36
123	Histone deacetylases (HDAC) in physiological and pathological bone remodelling. <i>Bone</i> , 2017 , 95, 162-174	4.7	36
122	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
121	Osteonecrosis of the jaw complicating bisphosphonate treatment for bone disease in multiple myeloma: an overview with recommendations for prevention and treatment. <i>Internal Medicine Journal</i> , 2009 , 39, 304-16	1.6	36
120	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

119	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
118	Isolation of a human homolog of osteoclast inhibitory lectin that inhibits the formation and function of osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 89-99	6.3	35
117	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
116	SAMSN1 is a tumor suppressor gene in multiple myeloma. <i>Neoplasia</i> , 2014 , 16, 572-85	6.4	33
115	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
114	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, 3579-3587	3.0	33
113	Decidua parietalis-derived mesenchymal stromal cells reside in a vascular niche within the choriodecua. <i>Reproductive Sciences</i> , 2012 , 19, 1302-14	3	32
112	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
111	Novel mesenchymal and haematopoietic cell isoforms of the SHP-2 docking receptor, PZR: identification, molecular cloning and effects on cell migration. <i>Biochemical Journal</i> , 2003 , 370, 537-49	3.8	31
110	Relationship between novel isoforms, functionally important domains, and subcellular distribution of CD164/endolyn. <i>Journal of Biological Chemistry</i> , 2001 , 276, 2139-52	5.4	31
109	Clodronate-Liposome Mediated Macrophage Depletion Abrogates Multiple Myeloma Tumor Establishment In Vivo. <i>Neoplasia</i> , 2019 , 21, 777-787	6.4	30
108	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
107	Tumor angiogenesis is associated with plasma levels of stromal-derived factor-1alpha in patients with multiple myeloma. <i>Clinical Cancer Research</i> , 2006 , 12, 6973-7	12.9	30
106	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
105	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
104	Intramyocardial navigation and mapping for stem cell delivery. <i>Journal of Cardiovascular Translational Research</i> , 2010 , 3, 135-46	3.3	29
103	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
102	Human trabecular bone-derived osteoblasts support human osteoclast formation in vitro in a defined, serum-free medium. <i>Journal of Cellular Physiology</i> , 2005 , 203, 573-82	7	28

101	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
100	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
99	EphB4 Expressing Stromal Cells Exhibit an Enhanced Capacity for Hematopoietic Stem Cell Maintenance. <i>Stem Cells</i> , 2015 , 33, 2838-49	5.8	25
98	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
97	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
96	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
95	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
94	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
93	An ovine model of toxic, nonischemic cardiomyopathy--assessment by cardiac magnetic resonance imaging. <i>Journal of Cardiac Failure</i> , 2008 , 14, 785-95	3.3	22
92	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
91	A non-canonical role for desmoglein-2 in endothelial cells: implications for neoangiogenesis. <i>Angiogenesis</i> , 2016 , 19, 463-86	10.6	21
90	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
89	Near superhydrophobic fibrous scaffold for endothelialization: fabrication, characterization and cellular activities. <i>Biomacromolecules</i> , 2013 , 14, 3850-60	6.9	21
88	The tyrosine kinase inhibitor dasatinib (SPRYCEL) inhibits chondrocyte activity and proliferation. <i>Blood Cancer Journal</i> , 2011 , 1, e2	7	21
87	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
86	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
85	Evidence for reduced bone formation surface relative to bone resorption surface in female femoral fragility fracture patients. <i>Bone</i> , 2006 , 39, 1226-35	4.7	20
84	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

83	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
82	Protein kinase activity of phosphoinositide 3-kinase regulates cytokine-dependent cell survival. <i>PLoS Biology</i> , 2013 , 11, e1001515	9.7	19
81	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
80	hTERT transcription is repressed by Cbfa1 in human mesenchymal stem cell populations. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 897-906	6.3	19
79	3D printing of a thermosensitive hydrogel for skin tissue engineering: A proof of concept study. <i>Bioprinting</i> , 2020 , 19, e00089	7	18
78	Translation of remote control regenerative technologies for bone repair. <i>Npj Regenerative Medicine</i> , 2018 , 3, 9	15.8	18
77	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
76	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
75	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
74	Interaction of platelets with poly(vinylidene fluoride-co-hexafluoropropylene) electrospun surfaces. <i>Biomacromolecules</i> , 2014 , 15, 744-55	6.9	17
73	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
72	Does Apo2L/TRAIL play any physiologic role in osteoclastogenesis?. <i>Blood</i> , 2008 , 111, 5411-2; autor reply 5413	2.2	17
71	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
70	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
69	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
68	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
67	Adoptive transfer of ex vivo expanded V β V α 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
66	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

65	The revival of dithiocarbamates: from pesticides to innovative medical treatments. <i>iScience</i> , 2021 , 24, 102092	6.1	14
64	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
63	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
62	Bisphosphonate guidelines for treatment and prevention of myeloma bone disease. <i>Internal Medicine Journal</i> , 2017 , 47, 938-951	1.6	13
61	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
60	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
59	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
58	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
57	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
56	OCT-1 function varies with cell lineage but is not influenced by BCR-ABL. <i>Haematologica</i> , 2011 , 96, 213-206		12
55	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
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