Pamela Robey

List of Publications by Citations

289 papers	43,133 citations	86 h-index	206 g-index
311 ext. papers	46,746 ext. citations	8.2 avg, IF	7.15 L-index

#	Paper	IF	Citations
289	Postnatal human dental pulp stem cells (DPSCs) in vitro and in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 13625-30	11.5	3215
288	Investigation of multipotent postnatal stem cells from human periodontal ligament. *Lancet, The*, **2004**, 364, 149-55	40	2408
287	SHED: stem cells from human exfoliated deciduous teeth. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 5807-12	11.5	1992
286	Bone marrow stromal cells attenuate sepsis via prostaglandin E(2)-dependent reprogramming of host macrophages to increase their interleukin-10 production. *Nature Medicine*, **2009**, 15, 42-9	50.5	1823
285	Self-renewing osteoprogenitors in bone marrow sinusoids can organize a hematopoietic microenvironment. *Cell*, **2007**, 131, 324-36	56.2	1713
284	Bone marrow stromal stem cells: nature, biology, and potential applications. *Stem Cells*, **2001**, 19, 180-92	5.8	1592
283	Stem cell properties of human dental pulp stem cells. *Journal of Dental Research*, **2002**, 81, 531-5	8.1	1481
282	Mesenchymal stem cells: revisiting history, concepts, and assays. *Cell Stem Cell*, **2008**, 2, 313-9	18	1180
281	MT1-MMP-deficient mice develop dwarfism, osteopenia, arthritis, and connective tissue disease due to inadequate collagen turnover. *Cell*, **1999**, 99, 81-92	56.2	1104
280	Isolation and characterization of type IV procollagen, laminin, and heparan sulfate proteoglycan from the EHS sarcoma. *Biochemistry*, **1982**, 21, 6188-93	3.2	1059
279	The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine. *Nature Medicine*, **2013**, 19, 35-42	50.5	877
278	Surface protein characterization of human adipose tissue-derived stromal cells. *Journal of Cellular Physiology*, **2001**, 189, 54-63	7	869
277	Stem cells in tissue engineering. *Nature*, **2001**, 414, 118-21	50.4	774
276	A mosaic activating mutation in AKT1 associated with the Proteus syndrome. *New England Journal of Medicine*, **2011**, 365, 611-9	59.2	662
275	Human bone cellsin vitro. *Calcified Tissue International*, **1985**, 37, 453-460	3.9	617
274	Circulating skeletal stem cells. *Journal of Cell Biology*, **2001**, 153, 1133-40	7.3	576
273	Single-colony derived strains of human marrow stromal fibroblasts form bone after transplantation in vivo. *Journal of Bone and Mineral Research*, **1997**, 12, 1335-47	6.3	573

272	Expression and localization of the two small proteoglycans biglycan and decorin in developing human skeletal and non-skeletal tissues. *Journal of Histochemistry and Cytochemistry*, **1990**, 38, 1549-63	3.4	568
271	Isolation of a heparan sulfate-containing proteoglycan from basement membrane. *Proceedings of the National Academy of Sciences of the United States of America*, **1980**, 77, 4494-8	11.5	566
270	Enzyme-linked immunoassay (ELISA) for connective tissue components. *Analytical Biochemistry*, **1980**, 104, 205-14	3.1	559
269	Osteoblasts synthesize and respond to transforming growth factor-type beta (TGF-beta) in vitro. *Journal of Cell Biology*, **1987**, 105, 457-63	7.3	504
268	Targeted disruption of the biglycan gene leads to an osteoporosis-like phenotype in mice. *Nature Genetics*, **1998**, 20, 78-82	36.3	498
267	FGF-23 in fibrous dysplasia of bone and its relationship to renal phosphate wasting. *Journal of Clinical Investigation*, **2003**, 112, 683-92	15.9	459
266	Marrow stromal stem cells. *Journal of Clinical Investigation*, **2000**, 105, 1663-8	15.9	456
265	Bone formation in vivo: comparison of osteogenesis by transplanted mouse and human marrow stromal fibroblasts. *Transplantation*, **1997**, 63, 1059-69	1.8	406
264	The efficacy of mesenchymal stem cells to regenerate and repair dental structures. *Orthodontics and Craniofacial Research*, **2005**, 8, 191-9	3	385
263	Preferential digestion of basement membrane collagen by an enzyme derived from a metastatic murine tumor. *Proceedings of the National Academy of Sciences of the United States of America*, **1979**, 76, 2268-72	11.5	368
262	Expression of bone sialoprotein (BSP) in developing human tissues. *Calcified Tissue International*, **1991**, 49, 421-6	3.9	342
261	Phenotypic effects of biglycan deficiency are linked to collagen fibril abnormalities, are synergized by decorin deficiency, and mimic Ehlers-Danlos-like changes in bone and other connective tissues. *Journal of Bone and Mineral Research*, **2002**, 17, 1180-9	6.3	333
260	Bone formation by human postnatal bone marrow stromal stem cells is enhanced by telomerase expression. *Nature Biotechnology*, **2002**, 20, 587-91	44.5	322
259	Comparison of stem-cell-mediated osteogenesis and dentinogenesis. *Journal of Dental Research*, **2003**, 82, 976-81	8.1	321
258	Integrin-mediated interactions between human bone marrow stromal precursor cells and the extracellular matrix. *Bone*, **2001**, 28, 174-81	4.7	308
257	Comparison of human dental pulp and bone marrow stromal stem cells by cDNA microarray analysis. *Bone*, **2001**, 29, 532-9	4.7	298
256	Bone matrix RGD glycoproteins: immunolocalization and interaction with human primary osteoblastic bone cells in vitro. *Journal of Bone and Mineral Research*, **1994**, 9, 487-96	6.3	288
255	No Identical "Mesenchymal Stem Cells" at Different Times and Sites: Human Committed Progenitors of Distinct Origin and Differentiation Potential Are Incorporated as Adventitial Cells in Microvessels. *Stem Cell Reports*, **2016**, 6, 897-913	8	274

254	BRD4 is an atypical kinase that phosphorylates serine2 of the RNA polymerase II carboxy-terminal domain. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 6927-32	11.5	266
253	Skeletal site-specific characterization of orofacial and iliac crest human bone marrow stromal cells in same individuals. *Bone*, **2006**, 38, 758-68	4.7	259
252	Factors required for bone marrow stromal fibroblast colony formation in vitro. *British Journal of Haematology*, **1997**, 97, 561-70	4.5	243
251	Human pluripotent stem cell culture: considerations for maintenance, expansion, and therapeutics. *Cell Stem Cell*, **2014**, 14, 13-26	18	238
250	The small leucine-rich proteoglycan biglycan modulates BMP-4-induced osteoblast differentiation. *FASEB Journal*, **2004**, 18, 948-58	0.9	237
249	Skeletal stem cells. *Development (Cambridge)*, **2015**, 142, 1023-7	6.6	215
248	Partial purification and characterization of a neutral protease which cleaves type IV collagen. *Biochemistry*, **1981**, 20, 100-4	3.2	215
247	Extracellular matrix proteoglycans control the fate of bone marrow stromal cells. *Journal of Biological Chemistry*, **2005**, 280, 30481-9	5.4	200
246	A crucial role of caspase-3 in osteogenic differentiation of bone marrow stromal stem cells. *Journal of Clinical Investigation*, **2004**, 114, 1704-13	15.9	195
245	Repair of craniotomy defects using bone marrow stromal cells. *Transplantation*, **1998**, 66, 1272-8	1.8	195
244	PHOG, a candidate gene for involvement in the short stature of Turner syndrome. *Human Molecular Genetics*, **1997**, 6, 1341-7	5.6	192
243	The histopathology of fibrous dysplasia of bone in patients with activating mutations of the Gs alpha gene: site-specific patterns and recurrent histological hallmarks. *Journal of Pathology*, **1999**, 187, 249-58	9.4	189
242	Mutations of the GNAS1 gene, stromal cell dysfunction, and osteomalacic changes in non-McCune-Albright fibrous dysplasia of bone. *Journal of Bone and Mineral Research*, **2000**, 15, 120-8	6.3	181
241	Biosynthesis of type IV procollagens. *Biochemistry*, **1980**, 19, 1284-9	3.2	173
240	In vivo bone formation by human bone marrow stromal cells: effect of carrier particle size and shape. *Biotechnology and Bioengineering*, **2001**, 72, 96-107	4.9	166
239	Reproduction of human fibrous dysplasia of bone in immunocompromised mice by transplanted mosaics of normal and Gsalpha-mutated skeletal progenitor cells. *Journal of Clinical Investigation*, **1998**, 101, 1737-44	15.9	166
238	Factor H binding to bone sialoprotein and osteopontin enables tumor cell evasion of complement-mediated attack. *Journal of Biological Chemistry*, **2000**, 275, 16666-72	5.4	151
237	Normal vision despite narrowing of the optic canal in fibrous dysplasia. *New England Journal of Medicine*, **2002**, 347, 1670-6	59.2	147

236	"Mesenchymal" stem cells in human bone marrow (skeletal stem cells): a critical discussion of their nature, identity, and significance in incurable skeletal disease. *Human Gene Therapy*, **2010**, 21, 1057-66	4.8	136
235	Effect of serum on human bone marrow stromal cells: ex vivo expansion and in vivo bone formation. *Transplantation*, **2000**, 70, 1780-7	1.8	133
234	Renal phosphate wasting in fibrous dysplasia of bone is part of a generalized renal tubular dysfunction similar to that seen in tumor-induced osteomalacia. *Journal of Bone and Mineral Research*, **2001**, 16, 806-13	6.3	131
233	Postnatal skeletal stem cells. *Methods in Enzymology*, **2006**, 419, 117-48	1.7	128
232	Age-related osteoporosis in biglycan-deficient mice is related to defects in bone marrow stromal cells. *Journal of Bone and Mineral Research*, **2002**, 17, 331-40	6.3	123
231	Characterization of gsp-mediated growth hormone excess in the context of McCune-Albright syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 5104-12	5.6	123
230	Localization of bone sialoprotein (BSP) to Golgi and post-Golgi secretory structures in osteoblasts and to discrete sites in early bone matrix. *Journal of Histochemistry and Cytochemistry*, **1993**, 41, 193-203	3.4	123
229	The Biochemistry of Bone. *Endocrinology and Metabolism Clinics of North America*, **1989**, 18, 859-902	5.5	122
228	Differential expression of human lysyl hydroxylase genes, lysine hydroxylation, and cross-linking of type I collagen during osteoblastic differentiation in vitro. *Journal of Bone and Mineral Research*, **1999**, 14, 1272-80	6.3	121
227	Osteogenic imprinting upstream of marrow stromal cell differentiation. *Journal of Cellular Biochemistry*, **2000**, 78, 391-403	4.7	120
226	Vertebrate mineralized matrix proteins: structure and function. *Connective Tissue Research*, **1996**, 35, 131-6	3.3	117
225	In vivo bone formation by human bone marrow stromal cells: reconstruction of the mouse calvarium and mandible. *Stem Cells*, **2006**, 24, 2140-9	5.8	114
224	Thrombospondin is an osteoblast-derived component of mineralized extracellular matrix. *Journal of Cell Biology*, **1989**, 108, 719-27	7.3	112
223	Telomerase accelerates osteogenesis of bone marrow stromal stem cells by upregulation of CBFA1, osterix, and osteocalcin. *Journal of Bone and Mineral Research*, **2003**, 18, 716-22	6.3	111
222	Exercise-induced changes in the cortical bone of growing mice are bone- and gender-specific. *Bone*, **2007**, 40, 1120-7	4.7	110
221	Fracture incidence in polyostotic fibrous dysplasia and the McCune-Albright syndrome. *Journal of Bone and Mineral Research*, **2004**, 19, 571-7	6.3	108
220	Osteonectin mRNA: distribution in normal and transformed cells. *Nucleic Acids Research*, **1986**, 14, 4483-97	26.1	104
219	The interplay of osteogenesis and hematopoiesis: expression of a constitutively active PTH/PTHrP receptor in osteogenic cells perturbs the establishment of hematopoiesis in bone and of skeletal stem cells in the bone marrow. *Journal of Cell Biology*, **2004**, 167, 1113-22	7.3	102

218	"Mesenchymal stem cells": fact or fiction, and implications in their therapeutic use. *F1000Research*, **2017**, 6,	3.6	101
217	Modulation of canonical Wnt signaling by the extracellular matrix component biglycan. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 17022-7	11.5	101
216	Multipotential cells in the bone marrow stroma: regulation in the context of organ physiology. *Critical Reviews in Eukaryotic Gene Expression*, **1999**, 9, 159-73	1.3	101
215	Cell sources for bone regeneration: the good, the bad, and the ugly (but promising). *Tissue Engineering - Part B: Reviews*, **2011**, 17, 423-30	7.9	99
214	Age-related changes in hyaluronan, proteoglycan, collagen, and osteonectin synthesis by human bone cells. *Journal of Cellular Physiology*, **1992**, 151, 215-27	7	98
213	In vitro model of bromodeoxyuridine or iron oxide nanoparticle uptake by activated macrophages from labeled stem cells: implications for cellular therapy. *Stem Cells*, **2008**, 26, 1366-75	5.8	97
212	Parathyroid-specific double knockout of Gq and G11 alpha-subunits leads to a phenotype resembling germline knockout of the extracellular Ca2+ -sensing receptor. *Molecular Endocrinology*, **2007**, 21, 274-80		95
211	Bone sialoprotein (BSP) secretion and osteoblast differentiation: relationship to bromodeoxyuridine incorporation, alkaline phosphatase, and matrix deposition. *Journal of Histochemistry and Cytochemistry*, **1993**, 41, 183-91	3.4	92
210	Thyroid carcinoma in the McCune-Albright syndrome: contributory role of activating Gs alpha mutations. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 4413-7	5.6	91
209	Advances in stem cell research and therapeutic development. *Nature Cell Biology*, **2019**, 21, 801-811	23.4	90
208	Onset, progression, and plateau of skeletal lesions in fibrous dysplasia and the relationship to functional outcome. *Journal of Bone and Mineral Research*, **2007**, 22, 1468-74	6.3	90
207	Changes in apatite crystal size in bones of patients with osteogenesis imperfecta. *Calcified Tissue International*, **1991**, 49, 248-50	3.9	90
206	Stem cells in the face: tooth regeneration and beyond. *Cell Stem Cell*, **2012**, 11, 291-301	18	88
205	Age-dependent demise of GNAS-mutated skeletal stem cells and "normalization" of fibrous dysplasia of bone. *Journal of Bone and Mineral Research*, **2008**, 23, 1731-40	6.3	88
204	Purification and fragmentation of nondenatured bone sialoprotein: evidence for a cryptic, RGD-resistant cell attachment domain. *Journal of Bone and Mineral Research*, **1993**, 8, 985-95	6.3	86
203	Bone marrow-derived mesenchymal stromal cells harness purinergenic signaling to tolerize human Th1 cells in vivo. *Stem Cells*, **2015**, 33, 1200-12	5.8	85
202	Superparamagnetic iron oxide nanoparticles labeling of bone marrow stromal (mesenchymal) cells does not affect their "stemness". *PLoS ONE*, **2010**, 5, e11462	3.7	85
201	Natural history and treatment of fibrous dysplasia of bone: a multicenter clinicopathologic study promoted by the European Pediatric Orthopaedic Society. *Journal of Pediatric Orthopaedics Part B*, **2003**, 12, 155-77	1.4	85

200	Detection of specific extracellular matrix molecules in drusen, Bruch membrane, and ciliary body. *American Journal of Ophthalmology*, **1987**, 104, 373-81	4.9	84
199	Fetal bovine bone cells synthesize bone-specific matrix proteins. *Journal of Cell Biology*, **1984**, 99, 607-14	7.3	84
198	An instrument to measure skeletal burden and predict functional outcome in fibrous dysplasia of bone. *Journal of Bone and Mineral Research*, **2005**, 20, 219-26	6.3	82
197	Human bone cell enzyme expression and cellular heterogeneity: correlation of alkaline phosphatase enzyme activity with cell cycle. *Journal of Cellular Physiology*, **1990**, 144, 115-21	7	82
196	Osteoclastogenesis in fibrous dysplasia of bone: in situ and in vitro analysis of IL-6 expression. *Bone* , **2003**, 33, 434-42	4.7	80
195	Receptor tyrosine kinase expression in human bone marrow stromal cells. *Journal of Cellular Physiology*, **1998**, 177, 426-38	7	79
194	Letrozole treatment of precocious puberty in girls with the McCune-Albright syndrome: a pilot study. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2100-6	5.6	76
193	In vivo transfer of intracellular labels from locally implanted bone marrow stromal cells to resident tissue macrophages. *PLoS ONE*, **2009**, 4, e6712	3.7	75
192	A randomized, double blind, placebo-controlled trial of alendronate treatment for fibrous dysplasia of bone. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 4133-40	5.6	73
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190	Species differences in growth requirements for bone marrow stromal fibroblast colony formation In vitro. *Calcified Tissue International*, **1996**, 59, 265-70	3.9	73
189	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. *EMBO Journal*, **2013**, 32, 1489-95	13	72
188	Structure and molecular regulation of bone matrix proteins. *Journal of Bone and Mineral Research*, **1993**, 8 Suppl 2, S483-7	6.3	72
187	Directed differentiation of human induced pluripotent stem cells toward bone and cartilage: in vitro versus in vivo assays. *Stem Cells Translational Medicine*, **2014**, 3, 867-78	6.9	71
186	Wnt/Ecatenin signaling is differentially regulated by G proteins and contributes to fibrous dysplasia. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 20101-6	11.5	71
185	Canine cranial reconstruction using autologous bone marrow stromal cells. *American Journal of Pathology*, **2006**, 168, 542-50	5.8	71
184	Fibrous Dysplasia in the Spine. *Journal of Bone and Joint Surgery - Series A*, **2004**, 86, 531-537	5.6	71
183	Enumeration of the colony-forming units-fibroblast from mouse and human bone marrow in normal and pathological conditions. *Stem Cell Research*, **2009**, 2, 83-94	1.6	70

182	Fibrous dysplasia as a stem cell disease. *Journal of Bone and Mineral Research*, **2006**, 21 Suppl 2, P125-31	6.3	70
181	Stem cells near the century mark. *Journal of Clinical Investigation*, **2000**, 105, 1489-91	15.9	70
180	Osteomalacic and hyperparathyroid changes in fibrous dysplasia of bone: core biopsy studies and clinical correlations. *Journal of Bone and Mineral Research*, **2003**, 18, 1235-46	6.3	68
179	Structure, Expression, and Regulation of the Major Noncollagenous Matrix Proteins of Bone. *Clinical Orthopaedics and Related Research*, **1992**, &NA;, 275???294	2.2	68
178	Bone marrow mesenchymal stromal cells to treat tissue damage in allogeneic stem cell transplant recipients: correlation of biological markers with clinical responses. *Stem Cells*, **2014**, 32, 1278-88	5.8	67
177	Biglycan modulates angiogenesis and bone formation during fracture healing. *Matrix Biology*, **2014**, 35, 223-31	11.4	66
176	Path to the clinic: assessment of iPSC-based cell therapies in vivo in a nonhuman primate model. *Cell Reports*, **2014**, 7, 1298-1309	10.6	64
175	Age-related changes in human bone proteoglycan structure. Impact of osteogenesis imperfecta. *Journal of Biological Chemistry*, **2002**, 277, 43638-47	5.4	63
174	In vivo bone formation by progeny of human embryonic stem cells. *Stem Cells and Development*, **2011**, 20, 269-87	4.4	62
173	Diseases of bone and the stromal cell lineage. *Journal of Bone and Mineral Research*, **1999**, 14, 336-41	6.3	62
172	Dental characteristics of fibrous dysplasia and McCune-Albright syndrome. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2003**, 96, 275-82		59
171	Transfer, analysis, and reversion of the fibrous dysplasia cellular phenotype in human skeletal progenitors. *Journal of Bone and Mineral Research*, **2010**, 25, 1103-16	6.3	58
170	WNT1-induced Secreted Protein-1 (WISP1), a Novel Regulator of Bone Turnover and Wnt Signaling. *Journal of Biological Chemistry*, **2015**, 290, 14004-18	5.4	57
169	Circulating connective tissue precursors: extreme rarity in humans and chondrogenic potential in guinea pigs. *Stem Cells*, **2007**, 25, 1830-9	5.8	57
168	Bi-allelic CSF1R Mutations Cause Skeletal Dysplasia of Dysosteosclerosis-Pyle Disease Spectrum and Degenerative Encephalopathy with Brain Malformation. *American Journal of Human Genetics*, **2019**, 104, 925-935	11	56
167	Long-term outcome of optic nerve encasement and optic nerve decompression in patients with fibrous dysplasia: risk factors for blindness and safety of observation. *Neurosurgery*, **2006**, 59, 1011-7; discussion 1017-8	3.2	56
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165	Differential display of human marrow stromal cells reveals unique mRNA expression patterns in response to dexamethasone. *Journal of Cellular Biochemistry*, **1999**, 76, 231-43	4.7	55

164	Formation of hematopoietic territories and bone by transplanted human bone marrow stromal cells requires a critical cell density. *Experimental Hematology*, **2007**, 35, 995-1004	3.1	54
163	Comparison of the molecular profiles of human embryonic and induced pluripotent stem cells of isogenic origin. *Stem Cell Research*, **2014**, 12, 376-86	1.6	53
162	Extracellular matrix formation by osteoblasts from patients with osteogenesis imperfecta. *Journal of Bone and Mineral Research*, **1992**, 7, 921-30	6.3	53
161	Human maxillary tuberosity and jaw periosteum as sources of osteoprogenitor cells for tissue engineering. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2007**, 104, 618.e1-12		53
160	Phenotypic and genotypic characterisation of Noonan-like/multiple giant cell lesion syndrome. *Journal of Medical Genetics*, **2005**, 42, e11	5.8	53
159	Age-related changes in human oestrogen receptor alpha function and levels in osteoblasts. *Biochemical Journal*, **1998**, 333 (Pt 3), 787-94	3.8	53
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157	Normal human cementum-derived cells: isolation, clonal expansion, and in vitro and in vivo characterization. *Journal of Bone and Mineral Research*, **1998**, 13, 1547-54	6.3	52
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155	Intra-subject variability in human bone marrow stromal cell (BMSC) replicative senescence: molecular changes associated with BMSC senescence. *Stem Cell Research*, **2013**, 11, 1060-73	1.6	51
154	Cementum-forming cells are phenotypically distinct from bone-forming cells. *Journal of Bone and Mineral Research*, **2000**, 15, 52-9	6.3	51
153	WISP1/CCN4: a potential target for inhibiting prostate cancer growth and spread to bone. *PLoS ONE*, **2013**, 8, e71709	3.7	51
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150	Stromal-derived IL-6 alters the balance of myeloerythroid progenitors during Toxoplasma gondii infection. *Journal of Leukocyte Biology*, **2012**, 92, 123-31	6.5	48
149	TGF-beta1 and WISP-1/CCN-4 can regulate each other© activity to cooperatively control osteoblast function. *Journal of Cellular Biochemistry*, **2008**, 104, 1865-78	4.7	48
148	Bone marrow stromal cell assays: in vitro and in vivo. *Methods in Molecular Biology*, **2014**, 1130, 279-293	1.4	47
147	Constitutive expression of Gs(R201C) in mice produces a heritable, direct replica of human fibrous dysplasia bone pathology and demonstrates its natural history. *Journal of Bone and Mineral Research*, **2014**, 29, 2357-68	6.3	47

146	p53 loss increases the osteogenic differentiation of bone marrow stromal cells. *Stem Cells*, **2015**, 33, 1304-19	5.8	47
145	Dental and Skeletal Stem Cells: Potential Cellular Therapeutics for Craniofacial Regeneration. *Journal of Dental Education*, **2002**, 66, 766-773	1.6	47
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142	Extracellular matrix stoichiometry in osteoblasts from patients with osteogenesis imperfecta. *Journal of Bone and Mineral Research*, **1995**, 10, 1122-9	6.3	44
141	Creation of new bone by the percutaneous injection of human bone marrow stromal cell and HA/TCP suspensions. *Tissue Engineering - Part A*, **2008**, 14, 1949-58	3.9	44
140	Pegvisomant for the treatment of gsp-mediated growth hormone excess in patients with McCune-Albright syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 2960-6	5.6	42
139	Gene expression profile of human bone marrow stromal cells: high-throughput expressed sequence tag sequencing analysis. *Genomics*, **2002**, 79, 7-17	4.3	42
138	A novel GNAS1 mutation, R201G, in McCune-albright syndrome. *Journal of Bone and Mineral Research*, **1999**, 14, 1987-9	6.3	42
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136	Mutant DLX 3 disrupts odontoblast polarization and dentin formation. *Developmental Biology*, **2010** , 344, 682-92	3.1	40
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134	The mechanical phenotype of biglycan-deficient mice is bone- and gender-specific. *Bone*, **2006**, 39, 106-16	4.7	39
133	The establishment of a bank of stored clinical bone marrow stromal cell products. *Journal of Translational Medicine*, **2012**, 10, 23	8.5	38
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131	Physical function is impaired but quality of life preserved in patients with fibrous dysplasia of bone. *Bone*, **2005**, 37, 388-94	4.7	37
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129	A novel technique based on a PNA hybridization probe and FRET principle for quantification of mutant genotype in fibrous dysplasia/McCune-Albright syndrome. *Nucleic Acids Research*, **2004**, 32, e63	20.1	36

128	Detection of extracellular matrix molecules synthesized in vitro by monkey and human retinal pigment epithelium: influence of donor age and multiple passages. *Experimental Eye Research*, **1988**, 46, 305-21	3.7	35
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126	The anatomy of bone sialoprotein immunoreactive sites in bone as revealed by combined ultrastructural histochemistry and immunohistochemistry. *Calcified Tissue International*, **1995**, 57, 277-84	3.9	34
125	Regulation and expression of the ATP-binding cassette transporter ABCG2 in human embryonic stem cells. *Stem Cells*, **2012**, 30, 2175-87	5.8	33
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123	Activation of RANK/RANKL/OPG Pathway Is Involved in the Pathophysiology of Fibrous Dysplasia and Associated With Disease Burden. *Journal of Bone and Mineral Research*, **2019**, 34, 290-294	6.3	33
122	Long-term stable canine mandibular augmentation using autologous bone marrow stromal cells and hydroxyapatite/tricalcium phosphate. *Biomaterials*, **2008**, 29, 4211-6	15.6	30
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