Pamela Robey

List of Publications by Year
in descending order

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300 papers	50,811 citations	3264 94 h-index	1680 220 g-index
311 all docs	311 docs citations	311 times ranked	38823 citing authors

#	Article	IF	Citations
1	Periosteal stem cell microenvironment compositional and elasticity changes in the vicinity of bone fracture. Biophysical Journal, 2022, 121, 495a.	0.2	0
2	Inhibition of BMP signaling with LDN 193189 can influence bone marrow stromal cell fate but does not prevent hypertrophy during chondrogenesis. Stem Cell Reports, 2022, 17, 616-632.	2.3	15
3	A cholinergic neuroskeletal interface promotes bone formation during postnatal growth and exercise. Cell Stem Cell, 2022, 29, 528-544.e9.	5.2	19
4	Activated Gsâ¢ pathway and estrogens reveal different subsets of adiponectin-expressing osteoprogenitors within bone marrow stroma. Bone Reports, 2022, 16, 101235.	0.2	0
5	The Survey on Cellular and Tissue-Engineered Therapies in Europe in 2016 and 2017. Tissue Engineering - Part A, 2021, 27, 336-350.	1.6	3
6	A single day of TGF-Î²1 exposure activates chondrogenic and hypertrophic differentiation pathways in bone marrow-derived stromal cells. Communications Biology, 2021, 4, 29.	2.0	38
7	From Stem Cells to Bone-Forming Cells. International Journal of Molecular Sciences, 2021, 22, 3989.	1.8	27
8	Modeling plasticity and dysplasia of pancreatic ductal organoids derived from human pluripotent stem cells. Cell Stem Cell, 2021, 28, 1105-1124.e19.	5.2	53
9	Quantitative Craniofacial Analysis and Generation of Human Induced Pluripotent Stem Cells for Muenke Syndrome: A Case Report. Journal of Developmental Biology, 2021, 9, 39.	0.9	3
10	The regulatory role of matrix proteins in mineralization of bone. , 2021, , 165-187.		2
11	Bone Marrow Stromal Cell Assays: In Vitro and In Vivo. Methods in Molecular Biology, 2021, 2230, 379-396.	0.4	7
12	Secreted frizzled related-protein 2 (Sfrp2) deficiency decreases adult skeletal stem cell function in mice. Bone Research, 2021, 9, 49.	5.4	9
13	Intramyocardial Bone Marrow Stem Cells in Patients Undergoing Cardiac Surgical Revascularization. Annals of Thoracic Surgery, 2020, 109, 1142-1149.	0.7	15
14	Skeletal stem cells. , 2020, , 45-71.		5
15	Skeletal Regeneration: Stem Cell Therapy. , 2020, , 119-134.		0
16	Generation of human induced pluripotent stem cell line (NIDCRi001-A) from a Muenke syndrome patient with an FGFR3 p.Pro250Arg mutation. Stem Cell Research, 2020, 46, 101823.	0.3	2
17	Changes in gene expression in human skeletal stem cells transduced with constitutively active GsÎ± correlates with hallmark histopathological changes seen in fibrous dysplastic bone. PLoS ONE, 2020, 15, e0227279.	1.1	7
18	Remembering Dr John D Termine. Journal of Bone and Mineral Research, 2020, 36, 1647-1648.	3.1	0

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19	Lineage-specific differentiation of osteogenic progenitors from pluripotent stem cells reveals the FGF1-RUNX2 association in neural crest-derived osteoprogenitors. Stem Cells, 2020, 38, 1107-1123.	1.4	24
20	RANKL Inhibition in Fibrous Dysplasia of Bone: A Preclinical Study in a Mouse Model of the Human Disease. Journal of Bone and Mineral Research, 2019, 34, 2171-2182.	3.1	39
21	Erythropoietin modulates bone marrow stromal cell differentiation. Bone Research, 2019, 7, 21.	5.4	37
22	Advances in stem cell research and therapeutic development. Nature Cell Biology, 2019, 21, 801-811.	4.6	158
23	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.	2.6	92
24	In Vivo Formation of Stable Hyaline Cartilage by NaÃ¯ve Human Bone Marrow Stromal Cells with Modified Fibrin Microbeads. Stem Cells Translational Medicine, 2019, 8, 586-592.	1.6	18
25	Neonatal McCuneâ€Albright Syndrome: A Unique Syndromic Profile With an Unfavorable Outcome. JBMR Plus, 2019, 3, e10134.	1.3	12
26	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.	3.1	65
27	Standardised Nomenclature, Abbreviations, and Units for the Study of Bone Marrow Adiposity: Report of the Nomenclature Working Group of the International Bone Marrow Adiposity Society. Frontiers in Endocrinology, 2019, 10, 923.	1.5	34
28	Comparison of human bone marrow stromal cells cultured in human platelet growth factors and fetal bovine serum. Journal of Translational Medicine, 2018, 16, 65.	1.8	24
29	Concise Review: Conceptualizing Paralogous Stem-Cell Niches and Unfolding Bone Marrow Progenitor Cell Identities. Stem Cells, 2018, 36, 11-21.	1.4	23
30	Combinatorial cassettes to systematically evaluate tissue-engineered constructs in recipient mice. Biomaterials, 2018, 186, 31-43.	5.7	10
31	Clear up this stem-cell mess. Nature, 2018, 561, 455-457.	13.7	217
32	Skeletal Stem Cells/Bone Marrow Stromal Cells. , 2018, , 241-260.		0
33	Pluripotent Stem Cell Platforms for Drug Discovery. Trends in Molecular Medicine, 2018, 24, 805-820.	3.5	33
34	Continuing Challenges in Advancing Preclinical Science in Skeletal Cell-Based Therapies and Tissue Regeneration. Journal of Bone and Mineral Research, 2018, 33, 1721-1728.	3.1	7
35	Manufacturing Differences Affect Human Bone Marrow Stromal Cell Characteristics and Function: Comparison of Production Methods and Products from Multiple Centers. Scientific Reports, 2017, 7, 46731.	1.6	64
36	Human umbilical cord blood-borne fibroblasts contain marrow niche precursors that form a bone/marrow organoid in vivo. Development (Cambridge), 2017, 144, 1035-1044.	1.2	22

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37	Mouse Genetic Analysis of Bone Marrow Stem Cell Niches: Technological Pitfalls, Challenges, and Translational Considerations. Stem Cell Reports, 2017, 9, 1343-1358.	2.3	24
38	The age of subject affects the proliferation and accounts for the major heterogeneity of clinical Bone Marrow Stromal Cells that are manufactured in a single center. Cytotherapy, 2017, 19, S191.	0.3	0
39	Bisphosphonate-induced zebra lines in fibrous dysplasia of bone: histo-radiographic correlation in a case of McCuneâ€“Albright syndrome. Skeletal Radiology, 2017, 46, 1435-1439.	1.2	15
40	â€œMesenchymal stem cellsâ€: fact or fiction, and implications in their therapeutic use. F1000Research, 2017, 6, 524.	0.8	137
41	No Identical â€œMesenchymal Stem Cellsâ€•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.	2.3	378
42	Comparison of bone marrow stromal cell (BMSC) production methods and products from multiple centers. Cytotherapy, 2015, 17, S51.	0.3	1
43	Paolo Bianco (1955â€“2015). Cell Stem Cell, 2015, 17, 649-650.	5.2	2
44	Osteoblast-Specific Expression of the Fibrous Dysplasia (FD)â€“Causing Mutation GsÎ±R201C Produces a High Bone Mass Phenotype but Does Not Reproduce FD in the Mouse. Journal of Bone and Mineral Research, 2015, 30, 1030-1043.	3.1	31
45	Bone marrow skeletal stem/progenitor cell defects in dyskeratosis congenita and telomere biology disorders. Blood, 2015, 125, 793-802.	0.6	31
46	Mice Deficient in AKAP13 (BRX) Are Osteoporotic and Have Impaired Osteogenesis. Journal of Bone and Mineral Research, 2015, 30, 1887-1895.	3.1	15
47	Variations in Glycogen Synthesis in Human Pluripotent Stem Cells with Altered Pluripotent States. PLoS ONE, 2015, 10, e0142554.	1.1	18
48	Skeletal stem cells. Development (Cambridge), 2015, 142, 1023-1027.	1.2	302
49	Missense mutation in the PTEN promoter of a patient with hemifacial hyperplasia. BoneKEy Reports, 2015, 4, 654.	2.7	6
50	p53 Loss Increases the Osteogenic Differentiation of Bone Marrow Stromal Cells. Stem Cells, 2015, 33, 1304-1319.	1.4	60
51	Bone Marrow-Derived Mesenchymal Stromal Cells Harness Purinergenic Signaling to Tolerize Human Th1 Cells In Vivo. Stem Cells, 2015, 33, 1200-1212.	1.4	102
52	Human bone marrow stromal cell confluence: effects on cell characteristics and methods of assessment. Cytotherapy, 2015, 17, 897-911.	0.3	34
53	Molecular profile of clonal strains of human skeletal stem/progenitor cells with different potencies. Stem Cell Research, 2015, 14, 297-306.	0.3	30
54	WNT1-induced Secreted Protein-1 (WISP1), a Novel Regulator of Bone Turnover and Wnt Signaling. Journal of Biological Chemistry, 2015, 290, 14004-14018.	1.6	79

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55	Impaired function of bone marrow stromal cells in systemic mastocytosis. Stem Cell Research, 2015, 15, 42-53.	0.3	9
56	Generation of clinical grade human bone marrow stromal cells for use in bone regeneration. Bone, 2015, 70, 87-92.	1.4	46
57	Stem cells and bone diseases: New tools, new perspective. Bone, 2015, 70, 55-61.	1.4	17
58	Postnatal Stem Cells in Tissue Engineering. , 2014, , 639-653.		0
59	A Randomized, Double Blind, Placebo-Controlled Trial of Alendronate Treatment for Fibrous Dysplasia of Bone. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4133-4140.	1.8	107
60	Establishing a Bone Marrow Stromal Cell Transplant Program at the National Institutes of Health Clinical Center. Tissue Engineering - Part B: Reviews, 2014, 20, 200-205.	2.5	21
61	Biglycan modulates angiogenesis and bone formation during fracture healing. Matrix Biology, 2014, 35, 223-231.	1.5	76
62	Human Pluripotent Stem Cell Culture: Considerations for Maintenance, Expansion, and Therapeutics. Cell Stem Cell, 2014, 14, 13-26.	5.2	297
63	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, 1278-1288.	1.4	83
64	Bone Marrow Stromal Cell Assays: In Vitro and In Vivo. Methods in Molecular Biology, 2014, 1130, 279-293.	0.4	62
65	Path to the Clinic: Assessment of iPSC-Based Cell Therapies InÂVivo in a Nonhuman Primate Model. Cell Reports, 2014, 7, 1298-1309.	2.9	84
66	Comparison of the molecular profiles of human embryonic and induced pluripotent stem cells of isogenic origin. Stem Cell Research, 2014, 12, 376-386.	0.3	67
67	Directed Differentiation of Human Induced Pluripotent Stem Cells Toward Bone and Cartilage: In Vitro Versus In Vivo Assays. Stem Cells Translational Medicine, 2014, 3, 867-878.	1.6	84
68	Developmental insights from early mammalian embryos and core signaling pathways that influence human pluripotent cell growth and differentiation. Stem Cell Research, 2014, 12, 610-621.	0.3	31
69	Alternative Cultures for Human Pluripotent Stem Cell Production, Maintenance, and Genetic Analysis. Journal of Visualized Experiments, 2014, , .	0.2	7
70	Constitutive Expression of GsÎ±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, 2357-2368.	3.1	66
71	In vivoformation of bone and haematopoietic territories by transplanted human bone marrow stromal cells generated in medium with and without osteogenic supplements. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 226-235.	1.3	18
72	Mutations in NOTCH2 in patients with Hajduâ€“Cheney syndrome. Osteoporosis International, 2013, 24, 2275-2281.	1.3	43

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73	The Regulatory Role of Matrix Proteins in Mineralization of Bone. , 2013, , 235-255.		16
74	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. EMBO Journal, 2013, 32, 1489-1495.	3.5	79
75	Intra-subject variability in human bone marrow stromal cell (BMSC) replicative senescence: Molecular changes associated with BMSC senescence. Stem Cell Research, 2013, 11, 1060-1073.	0.3	57
76	The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine. Nature Medicine, 2013, 19, 35-42.	15.2	1,032
77	Stem Cells in Tissue Engineering. , 2013, , 965-972.		1
78	WISP1/CCN4: A Potential Target for Inhibiting Prostate Cancer Growth and Spread to Bone. PLoS ONE, 2013, 8, e71709.	1.1	64
79	MSCs: The Need to Rethink. , 2013, , 43-57.		0
80	Phase 1 Trial Of Bone Marrow Stromal Cells (Bone Marrow-derived MSCS) To Treat Tissue Damage In Allogeneic Stem Cell Transplant Recipients: Biological Markers Correlate With Clinical Responses and Survival. Blood, 2013, 122, 3282-3282.	0.6	0
81	Stromal-derived IL-6 alters the balance of myeloerythroid progenitors during Toxoplasma gondii infection. Journal of Leukocyte Biology, 2012, 92, 123-131.	1.5	64
82	Regulation and Expression of the ATP-Binding Cassette Transporter ABCG2 in Human Embryonic Stem Cells. Stem Cells, 2012, 30, 2175-2187.	1.4	35
83	Stem Cells in the Face: Tooth Regeneration and Beyond. Cell Stem Cell, 2012, 11, 291-301.	5.2	106
84	Non-colony type monolayer culture of human embryonic stem cells. Stem Cell Research, 2012, 9, 237-248.	0.3	48
85	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, 6927-6932.	3.3	313
86	The establishment of a bank of stored clinical bone marrow stromal cell products. Journal of Translational Medicine, 2012, 10, 23.	1.8	42
87	Abstract 1360: A mouse model of double heterozygosity for protein kinase A regulatory subunits promotes osteoblastic differentiation of cAMP-induced bone tumors. , 2012, , .		0
88	Abstract 954: COX-2 inhibition reduces bone tumor growth in animal models:A role for celecoxib treatment in cAMP/protein kinase A-induced tumors. , 2012, , .		0
89	A Mosaic Activating Mutation inAKT1Associated with the Proteus Syndrome. New England Journal of Medicine, 2011, 365, 611-619.	13.9	800
90	Macrophages Mediate Bone Marrow Stromal Cell Homing to Irradiated Sites. International Journal of Radiation Oncology Biology Physics, 2011, 81, S703.	0.4	0

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91	Global transcriptome analysis of human bone marrow stromal cells (BMSC) reveals proliferative, mobile and interactive cells that produce abundant extracellular matrix proteins, some of which may affect BMSC potency. Cytotherapy, 2011, 13, 661-674.	0.3	59
92	Senescence of Cultured Bone Marrow Stromal Cells. Biology of Blood and Marrow Transplantation, 2011, 17, S216-S217.	2.0	2
93	Wnt/Î²-catenin signaling is differentially regulated by GÎ± proteins and contributes to fibrous dysplasia. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20101-20106.	3.3	92
94	In Vivo Bone Formation by Progeny of Human Embryonic Stem Cells. Stem Cells and Development, 2011, 20, 269-287.	1.1	66
95	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, 17022-17027.	3.3	144
96	Cell Sources for Bone Regeneration: The Good, the Bad, and the Ugly (But Promising). Tissue Engineering - Part B: Reviews, 2011, 17, 423-430.	2.5	105
97	Transfer, analysis, and reversion of the fibrous dysplasia cellular phenotype in human skeletal progenitors. Journal of Bone and Mineral Research, 2010, 25, 1103-1116.	3.1	77
98	Skeletal progenitors and the GNAS gene: fibrous dysplasia of bone read through stem cells. Journal of Molecular Endocrinology, 2010, 45, 355-364.	1.1	61
99	Alternate protein kinase A activity identifies a unique population of stromal cells in adult bone. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8683-8688.	3.3	42
100	â€œMesenchymalâ€•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, 1057-1066.	1.4	154
101	Bone marrow microenvironment in myelomagenesis: its potential role in early diagnosis. Expert Review of Molecular Diagnostics, 2010, 10, 465-480.	1.5	52
102	Mutant DLX 3 disrupts odontoblast polarization and dentin formation. Developmental Biology, 2010, 344, 682-692.	0.9	56
103	Superparamagnetic Iron Oxide Nanoparticles Labeling of Bone Marrow Stromal (Mesenchymal) Cells Does Not Affect Their â€œStemnessâ€• PLoS ONE, 2010, 5, e11462.	1.1	89
104	Tracking Senescence In Human Bone Marrow Stromal Cell (BMSC) Cultures.. Blood, 2010, 116, 1179-1179.	0.6	0
105	Cytotoxicity Mediated by the Fas Ligand (FasL)-activated Apoptotic Pathway in Stem Cells. Journal of Biological Chemistry, 2009, 284, 22022-22028.	1.6	37
106	Enumeration of the colony-forming unitsâ€“fibroblast from mouse and human bone marrow in normal and pathological conditions. Stem Cell Research, 2009, 2, 83-94.	0.3	83
107	Bone marrow stromal cells attenuate sepsis via prostaglandin E2â€“dependent reprogramming of host macrophages to increase their interleukin-10 production. Nature Medicine, 2009, 15, 42-49.	15.2	2,165
108	Neuropeptide beckons cells that heal. Nature Medicine, 2009, 15, 367-369.	15.2	3

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109	Reply to 'Mesenchymal stem cells: another anti-inflammatory treatment for sepsis?'. Nature Medicine, 2009, 15, 602-602.	15.2	1
110	Normal Human Cementum-Derived Cells: Isolation, Clonal Expansion, and In Vitro and In Vivo Characterization. Journal of Bone and Mineral Research, 2009, 13, 1547-1554.	3.1	56
111	Microstructure and mineral composition of dystrophic calcification associated with the idiopathic inflammatory myopathies. Arthritis Research and Therapy, 2009, 11, R159.	1.6	36
112	In Vivo Transfer of Intracellular Labels from Locally Implanted Bone Marrow Stromal Cells to Resident Tissue Macrophages. PLoS ONE, 2009, 4, e6712.	1.1	80
113	Postnatal Stem Cells in Tissue Engineering. , 2009, , 583-590.		0
114	Comparative Global Transcriptome Analysis of Bone Marrow Stromal Cells (BMSC), Human Embryonic Stem (hES) Cells and CD34+ Cells.. Blood, 2009, 114, 36-36.	0.6	0
115	TGFâ€Î²1 and WISPâ€•1/CCNâ€•4 can regulate each other's activity to cooperatively control osteoblast function. Journal of Cellular Biochemistry, 2008, 104, 1865-1878.	1.2	52
116	Long-term stable canine mandibular augmentation using autologous bone marrow stromal cells and hydroxyapatite/tricalcium phosphate. Biomaterials, 2008, 29, 4211-4216.	5.7	35
117	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, 1366-1375.	1.4	105
118	Age-Dependent Demise of GNAS-Mutated Skeletal Stem Cells and â€œNormalizationâ€•of Fibrous Dysplasia of Bone. Journal of Bone and Mineral Research, 2008, 23, 1731-1740.	3.1	119
119	Mesenchymal Stem Cells: Revisiting History, Concepts, and Assays. Cell Stem Cell, 2008, 2, 313-319.	5.2	1,392
120	Development of craniofacial structures in transgenic mice with constitutively active PTH/PTHrP receptor. Bone, 2008, 42, 321-331.	1.4	27
121	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. Cell, 2008, 133, 928.	13.5	9
122	Cell source. , 2008, , 279-306.		1
123	Creation of New Bone by the Percutaneous Injection of Human Bone Marrow Stromal Cell and HA/TCP Suspensions. Tissue Engineering - Part A, 2008, 14, 1949-1958.	1.6	45
124	Noncollagenous Bone Matrix Proteins. , 2008, , 335-349.		14
125	The Regulatory Role of Matrix Proteins in Mineralization of Bone. , 2008, , 191-240.		8
126	Skeletal (â€œMesenchymalâ€) Stem Cells for Tissue Engineering. Methods in Molecular Medicine, 2007, 140, 83-99.	0.8	25

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127	Parathyroid-Specific Double Knockout of Gq and G11 Î±-Subunits Leads to a Phenotype Resembling Germline Knockout of the Extracellular Ca2+-Sensing Receptor. Molecular Endocrinology, 2007, 21, 274-280.	3.7	109
128	Letrozole Treatment of Precocious Puberty in Girls with the McCune-Albright Syndrome: A Pilot Study. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2100-2106.	1.8	93
129	GNAS transcripts in skeletal progenitors: evidence for random asymmetric allelic expression of GsÂ. Human Molecular Genetics, 2007, 16, 1921-1930.	1.4	35
130	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.e1-618.e12.	1.6	62
131	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. Cell, 2007, 131, 324-336.	13.5	2,001
132	Exercise-induced changes in the cortical bone of growing mice are bone- and gender-specific. Bone, 2007, 40, 1120-1127.	1.4	128
133	Circulating Connective Tissue Precursors: Extreme Rarity in Humans and Chondrogenic Potential in Guinea Pigs. Stem Cells, 2007, 25, 1830-1839.	1.4	65
134	Postnatal Stem Cells. , 2007, , 459-468.		0
135	Sensitive and specific method for detecting G proteinâ€“coupled receptor mRNAs. Nature Methods, 2007, 4, 35-37.	9.0	11
136	Formation of hematopoietic territories and bone by transplanted human bone marrow stromal cells requires a critical cell density. Experimental Hematology, 2007, 35, 995-1004.	0.2	60
137	Onset, Progression, and Plateau of Skeletal Lesions in Fibrous Dysplasia and the Relationship to Functional Outcome. Journal of Bone and Mineral Research, 2007, 22, 1468-1474.	3.1	122
138	Fibrous Dysplasia as a Stem Cell Disease. Journal of Bone and Mineral Research, 2006, 21, P125-P131.	3.1	103
139	Canine Cranial Reconstruction Using Autologous Bone Marrow Stromal Cells. American Journal of Pathology, 2006, 168, 542-550.	1.9	76
140	Postnatal Skeletal Stem Cells. Methods in Enzymology, 2006, 419, 117-148.	0.4	142
141	Skeletal site-specific characterization of orofacial and iliac crest human bone marrow stromal cells in same individuals. Bone, 2006, 38, 758-768.	1.4	318
142	The mechanical phenotype of biglycan-deficient mice is bone- and gender-specific. Bone, 2006, 39, 106-116.	1.4	44
143	LONG-TERM OUTCOME OF OPTIC NERVE ENCASEMENT AND OPTIC NERVE DECOMPRESSION IN PATIENTS WITH FIBROUS DYSPLASIA. Neurosurgery, 2006, 59, 1011-1018.	0.6	81
144	In Vivo Bone Formation by Human Bone Marrow Stromal Cells: Reconstruction of the Mouse Calvarium and Mandible. Stem Cells, 2006, 24, 2140-2149.	1.4	130

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145	Clinical Vignette: Monostotic Fibrous Dysplasia of the Proximal Femur and Liposclerosing Myxofibrous Tumor: Which One Is Which?. Journal of Bone and Mineral Research, 2006, 21, 1955-1958.	3.1	27
146	In vitro chromosome aberration tests using human dental pulp cells to detect the carcinogenic potential of chemical agents. Odontology / the Society of the Nippon Dental University, 2006, 94, 44-50.	0.9	17
147	Pegvisomant for the Treatment of gsp-Mediated Growth Hormone Excess in Patients with McCune-Albright Syndrome. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2960-2966.	1.8	48
148	The Correlation of Specific Orthopaedic Features of Polyostotic Fibrous Dysplasia with Functional Outcome Scores in Children. Journal of Bone and Joint Surgery - Series A, 2006, 88, 818-823.	1.4	21
149	The use of adult stem cells in rebuilding the human face. Journal of the American Dental Association, 2006, 137, 961-972.	0.7	79
150	THE CORRELATION OF SPECIFIC ORTHOPAEDIC FEATURES OF POLYOSTOTIC FIBROUS DYSPLASIA WITH FUNCTIONAL OUTCOME SCORES IN CHILDREN. Journal of Bone and Joint Surgery - Series A, 2006, 88, 818-823.	1.4	1
151	The efficacy of mesenchymal stem cells to regenerate and repair dental structures. Orthodontics and Craniofacial Research, 2005, 8, 191-199.	1.2	448
152	Phenotypic and genotypic characterisation of Noonan-like/multiple giant cell lesion syndrome. Journal of Medical Genetics, 2005, 42, e11-e11.	1.5	62
153	Extracellular Matrix Proteoglycans Control the Fate of Bone Marrow Stromal Cells. Journal of Biological Chemistry, 2005, 280, 30481-30489.	1.6	220
154	Identification of differentially expressed genes between osteoarthritic and normal trabecular bone from the intertrochanteric region of the proximal femur using cDNA microarray analysis. Bone, 2005, 36, 635-644.	1.4	23
155	Physical function is impaired but quality of life preserved in patients with fibrous dysplasia of bone. Bone, 2005, 37, 388-394.	1.4	42
156	A crucial role of caspase-3 in osteogenic differentiation of bone marrow stromal stem cells. Journal of Clinical Investigation, 2004, 114, 1704-1713.	3.9	221
157	Stem Cells in Tissue Engineering. , 2004, , 785-792.		2
158	Bone Formation in Transplants of Human Bone Marrow Stromal Cells and Hydroxyapatiteâ€“Tricalcium Phosphate: Prediction with Quantitative CT in Mice. Radiology, 2004, 230, 369-376.	3.6	46
159	The interplay of osteogenesis and hematopoiesis. Journal of Cell Biology, 2004, 167, 1113-1122.	2.3	113
160	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-e63.	6.5	42
161	The small leucineâ€rich proteoglycan biglycan modulates BMPâ€4â€induced osteoblast differentiation. FASEB Journal, 2004, 18, 948-958.	0.2	255
162	Skeletal Stem Cells. , 2004, , 415-424.		29

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163	An Instrument to Measure Skeletal Burden and Predict Functional Outcome in Fibrous Dysplasia of Bone. Journal of Bone and Mineral Research, 2004, 20, 219-226.	3.1	107
164	Analyses of variable panoramic radiographic characteristics of maxillo-mandibular fibrous dysplasia in McCune-Albright syndrome. Oral Diseases, 2004, 10, 36-43.	1.5	26
165	Characterization of panoramic radiographic features of maxillo-mandibular fibrous dysplasia in Mccune-Albright Syndrome. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 97, 447.	1.6	0
166	Investigation of multipotent postnatal stem cells from human periodontal ligament. Lancet, The, 2004, 364, 149-155.	6.3	2,920
167	Fibrous Dysplasia in the Spine. Journal of Bone and Joint Surgery - Series A, 2004, 86, 531-537.	1.4	96
168	Metastasis in the Bone Marrow Microenvironment. Cancer Metastasis - Biology and Treatment, 2004, , 71-85.	0.1	0
169	Fracture Incidence in Polyostotic Fibrous Dysplasia and the McCune-Albright Syndrome. Journal of Bone and Mineral Research, 2003, 19, 571-577.	3.1	136
170	Telomerase Accelerates Osteogenesis of Bone Marrow Stromal Stem Cells by Upregulation of CBFA1, Osterix, and Osteocalcin. Journal of Bone and Mineral Research, 2003, 18, 716-722.	3.1	124
171	Osteomalacic and Hyperparathyroid Changes in Fibrous Dysplasia Of Bone: Core Biopsy Studies and Clinical Correlations. Journal of Bone and Mineral Research, 2003, 18, 1235-1246.	3.1	87
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