

Benjamin A Alman

List of Publications by Year in descending order

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157
papers

12,026
citations

24978

57
h-index

28224

105
g-index

163
all docs

163
docs citations

163
times ranked

16029
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of hard-nanomaterial clearance by the liver. <i>Nature Materials</i> , 2016, 15, 1212-1221.	13.3	686
2	Diagnosis and management of Duchenne muscular dystrophy, part 2: respiratory, cardiac, bone health, and orthopaedic management. <i>Lancet Neurology</i> , The, 2018, 17, 347-361.	4.9	668
3	Are Quantum Dots Toxic? Exploring the Discrepancy Between Cell Culture and Animal Studies. <i>Accounts of Chemical Research</i> , 2013, 46, 662-671.	7.6	378
4	Cutaneous wound healing: recruiting developmental pathways for regeneration. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2059-2081.	2.4	358
5	Predominance of beta-catenin mutations and beta-catenin dysregulation in sporadic aggressive fibromatosis (desmoid tumor). <i>Oncogene</i> , 1999, 18, 6615-6620.	2.6	339
6	Beta-Catenin Signaling Plays a Disparate Role in Different Phases of Fracture Repair: Implications for Therapy to Improve Bone Healing. <i>PLoS Medicine</i> , 2007, 4, e249.	3.9	334
7	Side population cells in human cancers. <i>Cancer Letters</i> , 2008, 268, 1-9.	3.2	315
8	Wnt-Catenin stabilization dysregulates mesenchymal cell proliferation, motility, and invasiveness and causes aggressive fibromatosis and hyperplastic cutaneous wounds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6973-6978.	3.3	298
9	Modulating hedgehog signaling can attenuate the severity of osteoarthritis. <i>Nature Medicine</i> , 2009, 15, 1421-1425.	15.2	286
10	Macrophages Promote Osteoblastic Differentiation In Vivo: Implications in Fracture Repair and Bone Homeostasis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1090-1102.	3.1	245
11	A mutant PTH/PTHrP type I receptor in enchondromatosis. <i>Nature Genetics</i> , 2002, 30, 306-310.	9.4	240
12	Cartilage tumours and bone development: molecular pathology and possible therapeutic targets. <i>Nature Reviews Cancer</i> , 2010, 10, 481-488.	12.8	236
13	Beta-catenin regulates wound size and mediates the effect of TGF-beta in cutaneous healing. <i>FASEB Journal</i> , 2006, 20, 692-701.	0.2	198
14	Side Population Cells Isolated from Mesenchymal Neoplasms Have Tumor Initiating Potential. <i>Cancer Research</i> , 2007, 67, 8216-8222.	0.4	194
15	A Mechanism for Gene-Environment Interaction in the Etiology of Congenital Scoliosis. <i>Cell</i> , 2012, 149, 295-306.	13.5	188
16	Prestress in the extracellular matrix sensitizes latent TGF- β 1 for activation. <i>Journal of Cell Biology</i> , 2014, 207, 283-297.	2.3	184
17	Complications of Elastic Stable Intramedullary Nail Fixation of Pediatric Femoral Fractures, and How to Avoid Them. <i>Journal of Pediatric Orthopaedics</i> , 2004, 24, 363-369.	0.6	182
18	Phenotype Determines Nanoparticle Uptake by Human Macrophages from Liver and Blood. <i>ACS Nano</i> , 2017, 11, 2428-2443.	7.3	180

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19	Î2-Catenin Signaling Pathway Is Crucial for Bone Morphogenetic Protein 2 to Induce New Bone Formation. <i>Journal of Biological Chemistry</i> , 2007, 282, 526-533.	1.6	177
20	Scoliosis: Review of diagnosis and treatment. <i>Paediatrics and Child Health</i> , 2007, 12, 771-776.	0.3	174
21	Generation of articular chondrocytes from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2015, 33, 638-645.	9.4	171
22	Ultrafast Mid-IR Laser Scalpel: Protein Signals of the Fundamental Limits to Minimally Invasive Surgery. <i>PLoS ONE</i> , 2010, 5, e13053.	1.1	165
23	Wnt pathway, an essential role in bone regeneration. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 353-362.	1.2	159
24	Exposure to a youthful circulation rejuvenates bone repair through modulation of Î2-catenin. <i>Nature Communications</i> , 2015, 6, 7131.	5.8	159
25	The Role of the Immune Cells in Fracture Healing. <i>Current Osteoporosis Reports</i> , 2018, 16, 138-145.	1.5	152
26	Growth factors regulate Î2-catenin-mediated TCF-dependent transcriptional activation in fibroblasts during the proliferative phase of wound healing. <i>Experimental Cell Research</i> , 2004, 293, 267-274.	1.2	141
27	Constitutive Hedgehog Signaling in Chondrosarcoma Up-Regulates Tumor Cell Proliferation. <i>American Journal of Pathology</i> , 2006, 168, 321-330.	1.9	141
28	T-Lymphocytes Enable Osteoblast Maturation via IL-17F during the Early Phase of Fracture Repair. <i>PLoS ONE</i> , 2012, 7, e40044.	1.1	141
29	Opportunities for improving the therapeutic ratio for patients with sarcoma. <i>Lancet Oncology</i> , The, 2007, 8, 513-524.	5.1	133
30	Aggressive Fibromatosis (Desmoid Tumor) is A Monoclonal Disorder. <i>Diagnostic Molecular Pathology</i> , 1997, 6, 98-101.	2.1	130
31	Steroid Treatment and the Development of Scoliosis in Males with Duchenne Muscular Dystrophy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 519-524.	1.4	126
32	Adenomatous Polyposis Coli Gene Mutation Alters Proliferation through its Î2-Catenin-Regulatory Function in Aggressive Fibromatosis (Desmoid Tumor). <i>American Journal of Pathology</i> , 1998, 153, 709-714.	1.9	119
33	Mutant <i>IDH1</i> is sufficient to initiate enchondromatosis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2829-2834.	3.3	115
34	Erythromyeloid progenitors give rise to a population of osteoclasts that contribute to bone homeostasis and repair. <i>Nature Cell Biology</i> , 2020, 22, 49-59.	4.6	114
35	Aggressive Fibromatosis (Desmoid Tumor) Is Derived from Mesenchymal Progenitor Cells. <i>Cancer Research</i> , 2010, 70, 7690-7698.	0.4	110
36	Suppressor of Fused Negatively Regulates Î2-Catenin Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 40113-40119.	1.6	109

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37	Î²-Catenin-regulated myeloid cell adhesion and migration determine wound healing. <i>Journal of Clinical Investigation</i> , 2014, 124, 2599-2610.	3.9	108
38	Prenatal diagnosis and the pediatric surgeon: The impact of prenatal consultation on perinatal management. <i>Journal of Pediatric Surgery</i> , 1996, 31, 156-163.	0.8	107
39	Parents™ and Patients™ Perceptions of Postoperative Appearance in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2006, 31, 2367-2374.	1.0	107
40	The role of hedgehog signalling in skeletal health and disease. <i>Nature Reviews Rheumatology</i> , 2015, 11, 552-560.	3.5	105
41	Cyclooxygenase-two (COX-2) modulates proliferation in aggressive fibromatosis (desmoid tumor). <i>Oncogene</i> , 2001, 20, 451-460.	2.6	100
42	A germline mutation at the extreme 3' end of the APC gene results in a severe desmoid phenotype and is associated with overexpression of beta-catenin in the desmoid tumor. <i>Clinical Genetics</i> , 2000, 57, 205-212.	1.0	95
43	Sensitivity of a clinical examination to predict need for radiography in children with ankle injuries: a prospective study. <i>Lancet, The</i> , 2001, 358, 2118-2121.	6.3	94
44	A Randomized, Controlled Trial of a Removable Brace Versus Casting in Children With Low-Risk Ankle Fractures. <i>Pediatrics</i> , 2007, 119, e1256-e1263.	1.0	91
45	Reflections on Competency-Based Education and Training for Surgical Residents. <i>Journal of Surgical Education</i> , 2014, 71, 151-158.	1.2	89
46	Macrophage cells secrete factors including LRP1 that orchestrate the rejuvenation of bone repair in mice. <i>Nature Communications</i> , 2018, 9, 5191.	5.8	87
47	Digital Nerves of the Foot: Anatomic Variations and Implications Regarding the Pathogenesis of Interdigital Neuroma. <i>Foot & Ankle</i> , 1993, 14, 208-214.	0.6	85
48	Construct validity and reliability of a real-time multidimensional smartphone app to assess pain in children and adolescents with cancer. <i>Pain</i> , 2015, 156, 2607-2615.	2.0	85
49	Gli2 and p53 Cooperate to Regulate IGFBP-3-Mediated Chondrocyte Apoptosis in the Progression from Benign to Malignant Cartilage Tumors. <i>Cancer Cell</i> , 2009, 16, 126-136.	7.7	80
50	Oligodontia Is Caused by Mutation in LTBP3, the Gene Encoding Latent TGF-Î² Binding Protein 3. <i>American Journal of Human Genetics</i> , 2009, 84, 519-523.	2.6	79
51	Prolonged Î²-catenin stabilization and tcf-dependent transcriptional activation in hyperplastic cutaneous wounds. <i>Laboratory Investigation</i> , 2005, 85, 416-425.	1.7	78
52	Activating mutations of Gs protein in monostotic fibrous lesions of bone. <i>Journal of Orthopaedic Research</i> , 1996, 14, 311-315.	1.2	77
53	Progress in the Understanding of the Genetic Etiology of Vertebral Segmentation Disorders in Humans. <i>Annals of the New York Academy of Sciences</i> , 2009, 1151, 38-67.	1.8	70
54	Beta-catenin expression in Dupuytren's disease: potential role for cell-matrix interactions in modulating beta-catenin levels in vivo and in vitro. <i>Oncogene</i> , 2003, 22, 3680-3684.	2.6	62

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55	Hedgehog inhibits β -catenin activity in synovial joint development and osteoarthritis. <i>Journal of Clinical Investigation</i> , 2016, 126, 1649-1663.	3.9	62
56	Hedgehog Pathway Inhibition in Chondrosarcoma Using the Smoothened Inhibitor IPI-926 Directly Inhibits Sarcoma Cell Growth. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 1259-1269.	1.9	61
57	Eight-year outcomes of a competency-based residency training program in orthopedic surgery. <i>Medical Teacher</i> , 2018, 40, 1042-1054.	1.0	61
58	Does Spinal Fusion Influence Quality of Life in Neuromuscular Scoliosis?. <i>Spine</i> , 2007, 32, S120-S125.	1.0	59
59	β -Catenin in the race to fracture repair: in it to Wnt. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 413-419.	3.2	58
60	Fibronectin and β -Catenin Act in a Regulatory Loop in Dermal Fibroblasts to Modulate Cutaneous Healing. <i>Journal of Biological Chemistry</i> , 2011, 286, 27687-27697.	1.6	57
61	The Canadian experience with long-term deflazacort treatment in Duchenne muscular dystrophy. <i>Acta Myologica</i> , 2012, 31, 16-20.	1.5	57
62	Platelet-derived growth factor in fibrous musculoskeletal disorders: A study of pathologic tissue sections and in vitro primary cell cultures. <i>Journal of Orthopaedic Research</i> , 1995, 13, 67-77.	1.2	55
63	Amniotic band syndrome in fetal lambs I: Fetoscopic release and morphometric outcome. <i>Journal of Pediatric Surgery</i> , 1995, 30, 974-978.	0.8	53
64	PTHrP regulates growth plate chondrocyte differentiation and proliferation in a Gli3 dependent manner utilizing hedgehog ligand dependent and independent mechanisms. <i>Developmental Biology</i> , 2007, 305, 28-39.	0.9	52
65	Kif7 promotes hedgehog signaling in growth plate chondrocytes by restricting the inhibitory function of Sufu. <i>Development (Cambridge)</i> , 2011, 138, 3791-3801.	1.2	50
66	Pathogenesis of Radiation-Induced Capsular Contracture in Tissue Expander and Implant Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2010, 125, 437-445.	0.7	49
67	Regulation of Cholesterol Homeostasis by Hedgehog Signaling in Osteoarthritic Cartilage. <i>Arthritis and Rheumatology</i> , 2016, 68, 127-137.	2.9	49
68	Identification of IGFBP-6 as a significantly downregulated gene by β -catenin in desmoid tumors. <i>Oncogene</i> , 2004, 23, 654-664.	2.6	47
69	Open reduction and internal fixation of unstable slipped capital femoral epiphysis by means of surgical dislocation does not decrease the rate of avascular necrosis: A preliminary study. <i>Journal of Children's Orthopaedics</i> , 2012, 6, 277-283.	0.4	47
70	Pax7 Expressing Cells Contribute to Dermal Wound Repair, Regulating Scar Size through a β -Catenin Mediated Process. <i>Stem Cells</i> , 2011, 29, 1371-1379.	1.4	44
71	Involvement and targeted intervention of dysregulated Hedgehog signaling in osteosarcoma. <i>Cancer</i> , 2014, 120, 537-547.	2.0	43
72	Aggressive Fibromatosis. <i>Journal of Pediatric Orthopaedics</i> , 1992, 12, 1-10.	0.6	41

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73	Aggressive Fibromatosis. <i>Journal of Pediatric Orthopaedics</i> , 1992, 12, 1-10.	0.6	41
74	Fibromatoses in childhood: The desmoid/fibromatosis complex. <i>Medical and Pediatric Oncology</i> , 2001, 37, 126-131.	1.0	41
75	Matrix Metalloproteinase Activity Modulates Tumor Size, Cell Motility, and Cell Invasiveness in Murine Aggressive Fibromatosis. <i>Cancer Research</i> , 2004, 64, 5795-5803.	0.4	39
76	Inhibition of Notch Signaling Induces Neural Differentiation in Ewing Sarcoma. <i>American Journal of Pathology</i> , 2007, 170, 1686-1694.	1.9	39
77	Abnormal fatty acid metabolism in spinal muscular atrophy may predispose to perioperative risks. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 549-553.	0.7	39
78	Regulation of proliferation and platelet-derived growth factor expression in palmar fibromatosis (Dupuytren contracture) by mechanical strain. <i>Journal of Orthopaedic Research</i> , 1996, 14, 722-728.	1.2	38
79	Surgeon Reliability in Rating Physical Deformity in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2007, 32, 363-367.	1.0	38
80	Hedgehog and Notch Signaling Regulate Self-Renewal of Undifferentiated Pleomorphic Sarcomas. <i>Cancer Research</i> , 2012, 72, 1013-1022.	0.4	38
81	Î²-Catenin Is a Mediator of the Response of Fibroblasts to Irradiation. <i>American Journal of Pathology</i> , 2009, 174, 248-255.	1.9	36
82	Activation of hedgehog signaling during fracture repair enhances osteoblastic-dependent matrix formation. <i>Journal of Orthopaedic Research</i> , 2014, 32, 581-586.	1.2	35
83	Patient Outcomes in the Operative and Nonoperative Management of High-Grade Spondylolisthesis in Children. <i>Journal of Pediatric Orthopaedics</i> , 2014, 34, 483-489.	0.6	35
84	Mesenchymal Tumors Can Derive from Ng2/Cspg4-Expressing Pericytes with Î²-Catenin Modulating the Neoplastic Phenotype. <i>Cell Reports</i> , 2016, 16, 917-927.	2.9	35
85	Multiple Hereditary Exostosis and Hedgehog Signaling: Implications for Novel Therapies. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 63-67.	1.4	32
86	Optimal therapy for desmoid tumors: current options and challenges for the future. <i>Expert Review of Anticancer Therapy</i> , 2015, 15, 1443-1458.	1.1	32
87	Improvement in Quality of Life Following Surgery for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2007, 32, 2715-2718.	1.0	29
88	Monocyte/Macrophage Lineage Cells From Fetal Erythromyeloid Progenitors Orchestrate Bone Remodeling and Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 622035.	1.8	29
89	Adynamic Bone Decreases Bone Toughness During Aging by Affecting Mineral and Matrix. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 369-379.	3.1	28
90	IFN-Î² Signaling Positively Regulates Tumorigenesis in Aggressive Fibromatosis, Potentially by Modulating Mesenchymal Progenitors. <i>Cancer Research</i> , 2007, 67, 7124-7131.	0.4	27

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91	A Metabolomics Pilot Study on Desmoid Tumors and Novel Drug Candidates. Scientific Reports, 2018, 8, 584.	1.6	27
92	Yolk-sac-derived macrophages progressively expand in the mouse kidney with age. ELife, 2020, 9, .	2.8	27
93	The origins and roles of osteoclasts in bone development, homeostasis and repair. Development (Cambridge), 2022, 149, .	1.2	27
94	Developmental Pathways in Musculoskeletal Neoplasia: Involvement of the Indian Hedgehog-Parathyroid Hormone-Related Protein Pathway. Pediatric Research, 2003, 53, 539-543.	1.1	26
95	Competency-based education: a new model for teaching orthopaedics. Instructional Course Lectures, 2013, 62, 565-9.	0.2	25
96	Heal Thyself: Using Endogenous Regeneration to Repair Bone. Tissue Engineering - Part B: Reviews, 2011, 17, 431-436.	2.5	24
97	Familial Adenomatous Polyposis-Associated Desmoids Display Significantly More Genetic Changes than Sporadic Desmoids. PLoS ONE, 2011, 6, e24354.	1.1	24
98	Tracing Tumor Evolution in Sarcoma Reveals Clonal Origin of Advanced Metastasis. Cell Reports, 2019, 28, 2837-2850.e5.	2.9	23
99	Should Foot Surgery Be Performed for Children With Duchenne Muscular Dystrophy?. Journal of Pediatric Orthopaedics, 2005, 25, 95-97.	0.6	22
100	Mutations Preventing Regulated Exon Skipping in MET Cause Osteofibrous Dysplasia. American Journal of Human Genetics, 2015, 97, 837-847.	2.6	22
101	Student-led learning: a new teaching paradigm for surgical skills. American Journal of Surgery, 2015, 209, 107-114.	0.9	22
102	Unique and overlapping GLI1 and GLI2 transcriptional targets in neoplastic chondrocytes. PLoS ONE, 2019, 14, e0211333.	1.1	22
103	Parameters for Lithium Treatment Are Critical in Its Enhancement of Fracture-Healing in Rodents. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1990-1998.	1.4	21
104	Pharmacologically targeting beta-catenin for NF1 associated deficiencies in fracture repair. Bone, 2017, 98, 31-36.	1.4	21
105	Surgical Decision Making in Adolescent Idiopathic Scoliosis. Spine, 2007, 32, 1526-1532.	1.0	20
106	Beta-catenin Mediates Soft Tissue Contracture in Clubfoot. Clinical Orthopaedics and Related Research, 2009, 467, 1180-1185.	0.7	20
107	Plasminogen activator inhibitor-1 (PAI-1) modifies the formation of aggressive fibromatosis (desmoid) Tj ETQq1 1 0,784314 rgBT /Overlo	2.6	19
108	Percutaneous Screw Fixation Promotes Healing of Lateral Condyle Nonunion in Children. Journal of Pediatric Orthopaedics, 2014, 34, 155-160.	0.6	18

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109	Intracellular biosynthesis of lipids and cholesterol by Scap and Insig in mesenchymal cells regulates long bone growth and chondrocyte homeostasis. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	18
110	Duchenne Muscular Dystrophy and Steroids. <i>Journal of Pediatric Orthopaedics</i> , 2005, 25, 554-556.	0.6	17
111	Radiation Effects and Radioprotection in MC3T3-E1 Mouse Calvarial Osteoblastic Cells. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 1025-1035.	0.7	16
112	A High Throughput Screen Identifies Nefopam as Targeting Cell Proliferation in β -Catenin Driven Neoplastic and Reactive Fibroproliferative Disorders. <i>PLoS ONE</i> , 2012, 7, e37940.	1.1	16
113	Targeting Stem Cell Behavior in Desmoid Tumors (Aggressive Fibromatosis) by Inhibiting Hedgehog Signaling. <i>Neoplasia</i> , 2013, 15, 712-719.	2.3	16
114	Effects of chondroitin sulfate proteoglycan 4 (NG2/CSPG4) on soft-tissue sarcoma growth depend on tumor developmental stage. <i>Journal of Biological Chemistry</i> , 2018, 293, 2466-2475.	1.6	16
115	Differential collagen I gene expression in fetal fibroblasts. <i>Journal of Pediatric Surgery</i> , 1997, 32, 1033-1036.	0.8	15
116	RNA extraction from human articular cartilage by chondrocyte isolation. <i>Analytical Biochemistry</i> , 2012, 429, 39-41.	1.1	15
117	A New Cre Driver Mouse Line, Tcf21/Pod1-Cre, Targets Metanephric Mesenchyme. <i>PLoS ONE</i> , 2012, 7, e40547.	1.1	15
118	Identification of CD146 as a marker enriched for tumor-propagating capacity reveals targetable pathways in primary human sarcoma. <i>Oncotarget</i> , 2015, 6, 40283-40294.	0.8	15
119	Solitary Osteochondroma of the Clavicle. <i>Journal of Pediatric Orthopaedics</i> , 1991, 11, 181-183.	0.6	13
120	A Classification for Genetic Disorders of Interest to Orthopaedists. <i>Clinical Orthopaedics and Related Research</i> , 2002, 401, 17-26.	0.7	13
121	Suppressor of Fused (Sufu) Mediates the Effect of Parathyroid Hormone-like Hormone (Pthlh) on Chondrocyte Differentiation in the Growth Plate. <i>Journal of Biological Chemistry</i> , 2012, 287, 36222-36228.	1.6	13
122	Protecting the hedgerow: p53 and Hedgehog pathway interactions. <i>Cell Cycle</i> , 2010, 9, 506-511.	1.3	12
123	Don't hedge your bets: Hedgehog signaling as a central mediator of endochondral bone development and cartilage diseases. <i>Journal of Orthopaedic Research</i> , 2011, 29, 810-815.	1.2	12
124	β -Catenin modulation in neurofibromatosis type 1 bone repair: therapeutic implications. <i>FASEB Journal</i> , 2016, 30, 3227-3237.	0.2	12
125	Orthopaedic manifestations of Brachmannâ€ˆde Lange syndrome: a report of 34 patients. <i>Journal of Pediatric Orthopaedics Part B</i> , 2004, 13, 118-122.	0.3	11
126	PATCHED-ONE or SMOOTHENED Gene Mutations Are Infrequent in Chondrosarcoma. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 2184-2189.	0.7	11

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127	Mutant IDH and non-mutant chondrosarcomas display distinct cellular metabolomes. <i>Cancer & Metabolism</i> , 2021, 9, 13.	2.4	11
128	Intracellular cholesterol biosynthesis in enchondroma and chondrosarcoma. <i>JCI Insight</i> , 2019, 4, .	2.3	11
129	Bone Marrow Stress Decreases Osteogenic Progenitors. <i>Calcified Tissue International</i> , 2015, 97, 476-486.	1.5	9
130	Bone morphogenetic proteins are expressed by both bone-forming and non-bone-forming lesions. <i>Archives of Pathology and Laboratory Medicine</i> , 2004, 128, 1267-69.	1.2	9
131	Fracture failure mechanisms in patients with osteogenesis imperfecta. <i>Journal of Orthopaedic Research</i> , 1987, 5, 139-143.	1.2	8
132	Development, validation and characterization of a novel mouse model of Adynamic Bone Disease (ABD). <i>Bone</i> , 2014, 68, 57-66.	1.4	8
133	Enchondromatosis and Growth Plate Development. <i>Current Osteoporosis Reports</i> , 2021, 19, 40-49.	1.5	8
134	Molecular diagnosis of vertebral segmentation disorders in humans. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 1107-1121.	1.6	7
135	In desmoid-type fibromatosis cells sorafenib induces ferroptosis and apoptosis, which are enhanced by autophagy inhibition. <i>European Journal of Surgical Oncology</i> , 2022, 48, 1527-1535.	0.5	7
136	CRISPR-SID: Identifying EZH2 as a druggable target for desmoid tumors via inÂvivo dependency mapping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
137	An association between the 4G polymorphism in the PAI-1 promoter and the development of aggressive fibromatosis (desmoid tumor) in familial adenomatous polyposis patients. <i>Familial Cancer</i> , 2007, 6, 89-95.	0.9	5
138	Parathyroid Hormoneâ€Related Protein Regulates Gliomaâ€Associated Oncogene Transcriptional Activation. <i>Annals of the New York Academy of Sciences</i> , 2008, 1144, 36-41.	1.8	5
139	Pharmacologic targeting of β -catenin improves fracture healing in old mice. <i>Scientific Reports</i> , 2019, 9, 9005.	1.6	5
140	Plagiarism: An assault on the integrity of scientific research. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1867-1868.	1.2	4
141	Distinct Roles of Glutamine Metabolism in Benign and Malignant Cartilage Tumors With IDH Mutations. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 983-996.	3.1	4
142	Disruption of Crosstalk between Mesenchymal Stromal and Tumor Cells in Bone Marrow as a Therapeutic Target to Prevent Metastatic Bone Disease. <i>Journal of Cellular Physiology</i> , 2014, 229, 1884-1886.	2.0	3
143	Challenges and Solutions to Academic Orthopaedics in Current Health-Care Economics. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e38.	1.4	3
144	Robert Bruce Salter, C.C., MD, FRCSC. Dec 15, 1924â€May 10, 2010. <i>Journal of Children's Orthopaedics</i> , 2010, 4, 275-276.	0.4	2

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145	Growth Modulation by Stimulating the Growth Plate: A Pilot Study. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2339-2345.	0.7	2
146	Parabiosis: Assessing the Effects of Circulating Cells and Factors on the Skeleton. <i>Methods in Molecular Biology</i> , 2021, 2230, 105-113.	0.4	2
147	Subtalar Arthrodesis for Stabilization of Valgus Hindfoot in Patients with Cerebral Palsy. <i>Journal of Pediatric Orthopaedics</i> , 1993, 13, 634-641.	0.6	2
148	The Fourth Year of Medical School: Time for Reassessment. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, e72.	1.4	1
149	Efficacy of auranofin as an inhibitor of desmoid progression. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
150	Etiology and treatment of fibrous dysplasia. <i>Current Opinion in Orthopaedics</i> , 1997, 8, 25-29.	0.3	0
151	47: PSEF 2005 Research Fellowship ??? Lyndon Peer: Mechanisms of Radiation Injury and Cytoprotection in Osteoblasts. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 40-41.	0.7	0
152	CYP3A4/5 and pharmacogenetics in patients with sarcoma – Authors' reply. <i>Lancet Oncology</i> , The, 2007, 8, 668-669.	5.1	0
153	Board 383 - Research Abstract Examining the Effects of a Student-Led Learning Paradigm in a Simulation-Based Surgical Skills Course (Submission #564). <i>Simulation in Healthcare</i> , 2013, 8, 565-566.	0.7	0
154	On the shoulders of giants: The future of the <i>Journal of Orthopaedic Research</i> . <i>Journal of Orthopaedic Research</i> , 2014, 32, 1095-1096.	1.2	0
155	Letter to the Editor Response. <i>Journal of Surgical Education</i> , 2014, 71, 652-653.	1.2	0
156	Tumor-propagating side population cells are a dynamic subpopulation in undifferentiated pleomorphic sarcoma. <i>JCI Insight</i> , 2021, 6, .	2.3	0
157	Tracing Tumor Evolution in Sarcoma Reveals Clonal Origin of Metastasis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0