

Harry K W Kim

List of Publications by Year in descending order

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Version: 2024-02-01

142
papers

3,954
citations

94269

37
h-index

161609

54
g-index

145
all docs

145
docs citations

145
times ranked

3141
citing authors

#	ARTICLE	IF	CITATIONS
1	T1 and T2 mapping detect acute ischemic injury in a piglet model of Legg-Calvé-Perthes disease. <i>Journal of Orthopaedic Research</i> , 2022, 40, 484-494.	1.2	4
2	Prolonged non-weightbearing treatment decreases femoral head deformity compared to symptomatic treatment in the initial stage of Legg-Calvé-Perthes disease. <i>Journal of Pediatric Orthopaedics Part B</i> , 2022, 31, 209-215.	0.3	7
3	Damage associated molecular patterns in necrotic femoral head inhibit osteogenesis and promote fibrogenesis of mesenchymal stem cells. <i>Bone</i> , 2022, 154, 116215.	1.4	8
4	Moderate Weightbearing Restrictions Are Associated with Worse Depressive Symptoms and Anxiety in Children Aged 5 to 7 Years with Perthes Disease. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 587-599.	0.7	7
5	Does the Deformity Index Reliably Predict the Shape of the Femoral Head at Healing of Legg-Calvé-Perthes Disease?. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, e163-e167.	0.6	0
6	The Role of the Artery of Ligamentum Teres in Revascularization in Legg-Calvé-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, 175-178.	0.6	1
7	The Clinical Significance of Infolded Limbus on Postreduction Arthrogram in Developmental Dysplasia of the Hip. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, e309-e314.	0.6	5
8	What is the adult experience of Perthes disease?. <i>Bone & Joint Open</i> , 2022, 3, 404-414.	1.1	3
9	Quantitative T2 and T1 mapping are sensitive to ischemic injury to the epiphyseal cartilage in an in vivo piglet model of Legg-Calvé-Perthes disease. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1244-1253.	0.6	5
10	Silicon Oxynitrophosphide Nanoscale Coating Enhances Antioxidant Marker-Induced Angiogenesis During in vivo Cranial Bone Defect Healing. <i>JBMR Plus</i> , 2021, 5, e10425.	1.3	12
11	Elevation of Proinflammatory Cytokine HMGB1 in the Synovial Fluid of Patients With Legg-Calvé-Perthes Disease and Correlation With IL-6. <i>JBMR Plus</i> , 2021, 5, e10429. ^{1,3}		10
12	Demographics and Clinical Presentation of Early-Stage Legg-Calvé-Perthes Disease: A Prospective, Multicenter, International Study. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, e85-e91.	1.1	4
13	Development of a murine model of ischemic osteonecrosis to study the effects of aging on bone repair. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2663-2670.	1.2	8
14	Minimally Invasive Necrotic Bone Washing Improves Bone Healing After Femoral Head Ischemic Osteonecrosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1193-1202.	1.4	6
15	Hip Morphology in Early-stage LCPD: Is There an Argument for Anatomic-specific Containment?. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, 344-351.	0.6	3
16	Feasibility of Magnetic Resonance Angiography in Patients With Legg-Calvé-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2021, Publish Ahead of Print, e774-e779.	0.6	6
17	Reliability and Validity of Visual Estimation of Femoral Head Hypoperfusion on Perfusion MRI in Legg-Calvé-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e780-e786.	0.6	4
18	A rat model of ischemic osteonecrosis for investigating local therapeutics using biomaterials. <i>Acta Biomaterialia</i> , 2021, 132, 260-271.	4.1	4

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19	Secondary Surgery and Residual Dysplasia Following Late Closed or Open Reduction of Developmental Dysplasia of the Hip. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 235-242.	1.4	16
20	Weightbearing and Activity Restriction Treatments and Quality of Life in Patients with Perthes Disease. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1360-1370.	0.7	9
21	Amorphous Silicon Oxynitrophosphide-Coated Implants Boost Angiogenic Activity of Endothelial Cells. <i>Tissue Engineering - Part A</i> , 2020, 26, 15-27.	1.6	18
22	A Comparison of Transphyseal Neck-Head Tunneling and Multiple Epiphyseal Drilling on Femoral Head Healing Following Ischemic Osteonecrosis: An Experimental Investigation in Immature Pigs. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 168-175.	0.6	11
23	Validation of Pediatric Self-Report Patient-Reported Outcomes Measurement Information System (PROMIS) Measures in Different Stages of Legg-Calvé-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 235-240.	0.6	9
24	Does Early Proximal Femoral Varus Osteotomy Shorten the Duration of Fragmentation in Perthes Disease? Lessons From a Prospective Multicenter Cohort. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, e322-e328.	0.6	23
25	The 2019 Revised Version of Association Research Circulation Osseous Staging System of Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2020, 35, 933-940.	1.5	155
26	Expanding the phenotypic spectrum of RPL13 -related skeletal dysplasia. <i>American Journal of Medical Genetics, Part A</i> , 2020, 185, 2776-2781.	0.7	4
27	Team approach: Management of osteonecrosis in children with acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28509.	0.8	6
28	Reliability of the modified lateral pillar classification for Legg Calvé Perthes disease performed by a large group of international paediatric orthopaedic surgeons. <i>Journal of Children's Orthopaedics</i> , 2020, 14, 529-536.	0.4	3
29	Evolution of Legg-Calvé-Perthes disease following proximal femoral varus osteotomy performed in the avascular necrosis stage: A prospective study. <i>Journal of Children's Orthopaedics</i> , 2020, 14, 58-67.	0.4	16
30	Nouvelle technique mini-invasive pour éliminer le contenu de moelle osseuse nécrotique de l'os épiphysaire: Étude préliminaire sur l'os cadavérique. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2020, 106, 398.	0.0	0
31	Development of a novel minimally invasive technique to washout necrotic bone marrow content from epiphyseal bone: A preliminary cadaveric bone study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 709-715.	0.9	5
32	Anti-Interleukin-6 Therapy Decreases Hip Synovitis and Bone Resorption and Increases Bone Formation Following Ischemic Osteonecrosis of the Femoral Head. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 357-368.	3.1	17
33	Does participation in a multicenter study group affect physician treatment preference? A survey of participants. <i>Current Orthopaedic Practice</i> , 2020, 31, 565-570.	0.1	0
34	Comparison of Pavlik Harness treatment regimens for reduced but dislocatable (Barlow positive) hips in infantile DDH. <i>Journal of Orthopaedics</i> , 2019, 16, 440-444.	0.6	7
35	Analysis of Trabecular Microstructure and Vascular Distribution of Capital Femoral Epiphysis Relevant to Legg-Calvé-Perthes Disease. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1784-1789.	1.2	7
36	Quantitative susceptibility mapping detects neovascularization of the epiphyseal cartilage after ischemic injury in a piglet model of Legg-Calvé-Perthes disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 106-113.	1.9	16

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37	Treatment Patterns and Outcomes of Stable Hips in Infants With Ultrasonic Dysplasia. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 2019, 27, 68-74.	1.1	11
38	IL6 receptor blockade preserves articular cartilage and increases bone volume following ischemic osteonecrosis in immature mice. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 326-335.	0.6	31
39	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 1: Glucocorticoid-Associated Osteonecrosis. <i>Journal of Arthroplasty</i> , 2019, 34, 163-168.e1.	1.5	79
40	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 2: Alcohol-Associated Osteonecrosis. <i>Journal of Arthroplasty</i> , 2019, 34, 169-174.e1.	1.5	51
41	A Comparison of Pavlik Harness Treatment Regimens for Dislocated But Reducible (Ortolani+) Hips in Infantile Developmental Dysplasia of the Hip. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, 505-509.	0.6	17
42	Rapid Regeneration of Vascularized Bone by Nanofabricated Amorphous Silicon Oxynitrophosphide (SiONP) Overlays. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 1241-1255.	0.5	12
43	Ischemic femoral head osteonecrosis in a piglet model causes three dimensional decrease in acetabular coverage. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1173-1177.	1.2	5
44	Long-term Outcomes of Operative and Nonoperative Treatment of Congenital Coxa Vara. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, 193-201.	0.6	10
45	Bioinspired Micropatterned Platforms Recapitulate 3D Physiological Morphologies of Bone and Dentinal Cells. <i>Advanced Science</i> , 2018, 5, 1801037.	5.6	14
46	Quantitative MRI Helps to Detect Hip Ischemia: Preclinical Model of Legg-Calvé-Perthes Disease. <i>Radiology</i> , 2018, 289, 386-395.	3.6	11
47	Ionic silicon improves endothelial cells' survival under toxic oxidative stress by overexpressing angiogenic markers and antioxidant enzymes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2203-2220.	1.3	22
48	Interleukin-6 deletion stimulates revascularization and new bone formation following ischemic osteonecrosis in a murine model. <i>Bone</i> , 2018, 116, 221-231.	1.4	23
49	Targeted Disruption of <i>NF1</i> in Osteocytes Increases FGF23 and Osteoid With Osteomalacia-like Bone Phenotype. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1716-1726.	3.1	18
50	Biomechanical behavior of novel composite PMMA-CaP bone cements in an anatomically accurate cadaveric vertebroplasty model. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2067-2074.	1.2	16
51	In Vitro and In Vivo Characterization of Premixed PMMA-CaP Composite Bone Cements. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2267-2277.	2.6	18
52	Development of a Large Animal Model of Non-Weight-Bearing. <i>Techniques in Orthopaedics</i> , 2017, 32, 60-65.	0.1	1
53	A genome-wide transcriptomic analysis of articular cartilage during normal maturation in pigs. <i>Gene</i> , 2017, 627, 508-518.	1.0	4
54	3D MRI quantification of femoral head deformity in Legg-Calvé-Perthes disease. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2051-2058.	1.2	14

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55	Material properties of bone in the femoral head treated with ibandronate and BMP-2 following ischemic osteonecrosis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1453-1460.	1.2	18
56	HIF-1-Dependent IL-6 Activation in Articular Chondrocytes Initiating Synovitis in Femoral Head Ischemic Osteonecrosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1122-1131.	1.4	40
57	In vivo monitoring of activated macrophages and neutrophils in response to ischemic osteonecrosis in a mouse model. <i>Journal of Orthopaedic Research</i> , 2016, 34, 307-313.	1.2	12
58	Assessment of Femoral Head Revascularization in Legg-Calvé-Perthes Disease Using Serial Perfusion MRI. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1897-1904.	1.4	32
59	Prevalence of Obesity in Patients With Legg-Calvé-Perthes Disease. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2016, 24, 660-665.	1.1	21
60	Pavlik Harness Treatment May Not Be Necessary for All Newborns With Ultrasonic Hip Dysplasia. <i>Journal of Pediatric Health Care</i> , 2016, 30, 304-305.	0.6	2
61	Targeted disruption of BMP signaling through type IA receptor (BMPRIA) in osteocyte suppresses SOST and RANKL, leading to dramatic increase in bone mass, bone mineral density and mechanical strength. <i>Bone</i> , 2016, 91, 53-63.	1.4	43
62	Necrotic Bone Stimulates Proinflammatory Responses in Macrophages through the Activation of Toll-Like Receptor 4. <i>American Journal of Pathology</i> , 2016, 186, 2987-2999.	1.9	39
63	Amorphous Silica: A New Antioxidant Role for Rapid Critical-Sized Bone Defect Healing. <i>Advanced Healthcare Materials</i> , 2016, 5, 2199-2213.	3.9	55
64	Intraosseous Delivery of Bone Morphogenic Protein-2 Using a Self-Assembling Peptide Hydrogel. <i>Biomacromolecules</i> , 2016, 17, 2329-2336.	2.6	25
65	Comprehensive Genome-Wide Transcriptomic Analysis of Immature Articular Cartilage following Ischemic Osteonecrosis of the Femoral Head in Piglets. <i>PLoS ONE</i> , 2016, 11, e0153174.	1.1	18
66	Interobserver and Intraobserver Reliability of the Modified Waldenström Classification System for Staging of Legg-Calvé-Perthes Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 643-650.	1.4	45
67	Legg-Calvé-Perthes Disease Produces Chronic Hip Synovitis and Elevation of Interleukin-6 in the Synovial Fluid. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1009-1013.	3.1	47
68	Bone Apatite Composition of Necrotic Trabecular Bone in the Femoral Head of Immature Piglets. <i>Calcified Tissue International</i> , 2015, 96, 324-334.	1.5	12
69	Human periosteum cell osteogenic differentiation enhanced by ionic silicon release from porous amorphous silica fibrous scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2797-2806.	2.1	25
70	Two novel high performing composite PMMA-CaP cements for vertebroplasty: An ex vivo animal study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 50, 290-298.	1.5	16
71	Enhanced Interfacial Adhesion and Osteogenesis for Rapid Bone-like Biomineralization by PECVD-Based Silicon Oxynitride Overlays. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15368-15379.	4.0	27
72	Development of a Mouse Model of Ischemic Osteonecrosis. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1486-1498.	0.7	27

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73	Quantitative assessment of synovitis in Legg-Calvé-Perthes disease using gadolinium-enhanced MRI. <i>Journal of Pediatric Orthopaedics Part B</i> , 2015, 24, 89-94.	0.3	14
74	Decreasing NF- κ B Expression Enhances Odontoblastic Differentiation and Collagen Expression in Dental Pulp Stem Cells Exposed to Inflammatory Cytokines. <i>PLoS ONE</i> , 2015, 10, e0113334.	1.1	38
75	What Is the Usefulness of the Fragmentation Pattern of the Femoral Head in Managing Legg-Calvé-Perthes Disease?. <i>Clinics in Orthopedic Surgery</i> , 2014, 6, 223.	0.8	0
76	Targeted Disruption of <i>Shp2</i> in Chondrocytes Leads to Metachondromatosis With Multiple Cartilaginous Protrusions. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 761-769.	3.1	47
77	The Impact of Large-Scale Genomic Methods in Orthopaedic Disorders: Insights from Genome-Wide Association Studies. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e38.	1.4	3
78	Legg-Calvé-Perthes Disease: Pathology, Pathophysiology, and Pathogenesis of Deformity. , 2014, , 427-436.		0
79	Feasibility and Safety of Perfusion MRI for Legg-Calvé-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2014, 34, 679-682.	0.6	14
80	Neurofibromin Deficiency-Associated Transcriptional Dysregulation Suggests a Novel Therapy for Tibial Pseudoarthrosis in NF1. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2636-2642.	3.1	22
81	Local Administration of Bone Morphogenetic Protein-2 and Bisphosphonate During Non-Weight-Bearing Treatment of Ischemic Osteonecrosis of the Femoral Head. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1515-1524.	1.4	49
82	Perfusion MRI in Early Stage of Legg-Calvé-Perthes Disease to Predict Lateral Pillar Involvement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1152-1160.	1.4	59
83	Regulation of bone and skeletal development by the SHP-2 protein tyrosine phosphatase. <i>Bone</i> , 2014, 69, 55-60.	1.4	15
84	High-intensity Focused Ultrasound Ablation of Soft-tissue Tumors and Assessment of Treatment Response with Multiparametric Magnetic Resonance Imaging: Preliminary Study Using Rabbit VX2 Tumor Model. <i>Journal of Medical Ultrasound</i> , 2014, 22, 99-105.	0.2	4
85	NF- κ B inhibitor MG132 enhances differentiation and collagen expression of dental pulp stem cells (732.1). <i>FASEB Journal</i> , 2014, 28, 732.1.	0.2	1
86	Legg-Calvé-Perthes Disease: Treatments. , 2014, , 451-467.		0
87	High-concentration of BMP2 reduces cell proliferation and increases apoptosis via DKK1 and SOST in human primary periosteal cells. <i>Bone</i> , 2013, 54, 141-150.	1.4	47
88	Citrate-based biodegradable injectable hydrogel composites for orthopedic applications. <i>Biomaterials Science</i> , 2013, 1, 52-64.	2.6	57
89	Acute BMP2 upregulation following induction of ischemic osteonecrosis in immature femoral head. <i>Bone</i> , 2013, 53, 239-247.	1.4	22
90	Lactoferrin activates BMP7 gene expression through the mitogen-activated protein kinase ERK pathway in articular cartilage. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 31-35.	1.0	12

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91	A comparison of non-contrast and contrast-enhanced MRI in the initial stage of Legg-Calvé-Perthes disease. <i>Pediatric Radiology</i> , 2013, 43, 1166-1173.	1.1	41
92	Microcrack density and nanomechanical properties in the subchondral region of the immature piglet femoral head following ischemic osteonecrosis. <i>Bone</i> , 2013, 52, 632-639.	1.4	16
93	Whole-Exome Sequencing. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e185.	1.4	6
94	Female Patients With Late-Onset Legg-Calvé-Perthes Disease Are Frequently Gymnasts. <i>Journal of Pediatric Orthopaedics</i> , 2013, 33, 811-815.	0.6	15
95	MR Perfusion Index as a Quantitative Method of Evaluating Epiphyseal Perfusion in Legg-Calve-Perthes Disease and Correlation With Short-term Radiographic Outcome. <i>Journal of Pediatric Orthopaedics</i> , 2013, 33, 707-713.	0.6	50
96	Induction of SHP2 Deficiency in Chondrocytes Causes Severe Scoliosis and Kyphosis in Mice. <i>Spine</i> , 2013, 38, E1307-E1312.	1.0	40
97	Effects of Non-Weight-Bearing on the Immature Femoral Head Following Ischemic Osteonecrosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 2228-2237.	1.4	51
98	Regulation of VEGF expression by HIF-1 α in the femoral head cartilage following ischemia osteonecrosis. <i>Scientific Reports</i> , 2012, 2, 650.	1.6	35
99	Detecting a Disruption of Blood Flow to the Femoral Head After Ischemic Injury Using 4 Different Techniques. <i>Journal of Pediatric Orthopaedics</i> , 2012, 32, 75-80.	0.6	9
100	Pathophysiology and New Strategies for the Treatment of Legg-Calvé-Perthes Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 659-669.	1.4	130
101	A Journey to the Pole: Polar Localization of Proteins in <i>E. coli</i> . <i>Biophysical Journal</i> , 2012, 102, 30a-31a.	0.2	0
102	Evidence for Using Bisphosphonate to Treat Legg-Calvé-Perthes Disease. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2462-2475.	0.7	42
103	Future Biologic Treatments for Perthes Disease. <i>Orthopedic Clinics of North America</i> , 2011, 42, 423-427.	0.5	15
104	Pathophysiology, Classifications, and Natural History of Perthes Disease. <i>Orthopedic Clinics of North America</i> , 2011, 42, 285-295.	0.5	67
105	Hypoxia-inducible factor-1 is a positive regulator of Sox9 activity in femoral head osteonecrosis. <i>Bone</i> , 2011, 48, 507-513.	1.4	51
106	Effects of Cigarette Smoking on Hearing Recovery From Noise-Induced Temporary Hearing Threshold Shifts in Mice. <i>Otology and Neurotology</i> , 2011, 32, 926-932.	0.7	17
107	Subchondral fracture after ischemic osteonecrosis of the immature femoral head in piglet model. <i>Journal of Pediatric Orthopaedics Part B</i> , 2011, 20, 227-231.	0.3	5
108	Potential for Bisphosphonate Treatment in Legg-Calve-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, S182-S188.	0.6	29

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109	Legg-Calve-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, S141-S146.	0.6	44
110	Local Administration of Ibandronate and Bone Morphogenetic Protein-2 After Ischemic Osteonecrosis of the Immature Femoral Head. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 905-913.	1.4	59
111	Childhood Femoral Head Osteonecrosis. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2011, 9, 2-12.	1.3	4
112	Bisphosphonate-modified gold nanoparticles: a useful vehicle to study the treatment of osteonecrosis of the femoral head. <i>Nanotechnology</i> , 2011, 22, 035102.	1.3	34
113	How Much Varus Is Optimal with Proximal Femoral Osteotomy to Preserve the Femoral Head in Legg-Calvé-Perthes Disease?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 341-347.	1.4	35
114	Citric acid-derived in situ crosslinkable biodegradable polymers for cell delivery. <i>Biomaterials</i> , 2010, 31, 9092-9105.	5.7	130
115	Evaluation of a pig femoral head osteonecrosis model. <i>Journal of Orthopaedic Surgery and Research</i> , 2010, 5, 15.	0.9	14
116	Review: Resin Composite Filling. <i>Materials</i> , 2010, 3, 1228-1243.	1.3	60
117	Increased matrix mineralization in the immature femoral head following ischemic osteonecrosis. <i>Bone</i> , 2010, 46, 379-385.	1.4	35
118	Legg-Calvé-Perthes Disease. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2010, 18, 676-686.	1.1	86
119	Hypoxia and HIF-1 α expression in the epiphyseal cartilage following ischemic injury to the immature femoral head. <i>Bone</i> , 2009, 45, 280-288.	1.4	46
120	Effects of Disruption of Epiphyseal Vasculature on the Proximal Femoral Growth Plate. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 1149-1158.	1.4	21
121	Ischaemic injury to femoral head induces apoptotic and oncotic cell death. <i>Pathology</i> , 2007, 39, 241-246.	0.3	26
122	Biomechanical properties of bone and cartilage in growing femoral head following ischemic osteonecrosis. <i>Journal of Orthopaedic Research</i> , 2007, 25, 750-757.	1.2	52
123	Local bioavailability and distribution of systemically (parenterally) administered ibandronate in the infarcted femoral head. <i>Bone</i> , 2006, 39, 205-212.	1.4	36
124	Retention, Distribution, and Effects of Intraosseously Administered Ibandronate in the Infarcted Femoral Head. <i>Journal of Bone and Mineral Research</i> , 2006, 22, 93-100.	3.1	53
125	RANKL Inhibition: A Novel Strategy to Decrease Femoral Head Deformity After Ischemic Osteonecrosis. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1946-1954.	3.1	70
126	Femoral Neck Fracture in a Child With Autosomal-Dominant Osteopetrosis: Failure of Spica Cast Treatment and Successful Outcome by Internal Fixation. <i>Journal of Orthopaedic Trauma</i> , 2005, 19, 494-497.	0.7	10

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127	Regeneration of the proximal tibial epiphysis after infantile osteomyelitis. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2005, 87-B, 979-983.	3.4	11
128	Ibandronate for Prevention of Femoral Head Deformity After Ischemic Necrosis of the Capital Femoral Epiphysis in Immature Pigs. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 550-557.	1.4	94
129	IBANDRONATE FOR PREVENTION OF FEMORAL HEAD DEFORMITY AFTER ISCHEMIC NECROSIS OF THE CAPITAL FEMORAL EPIPHYSIS IN IMMATURE PIGS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 550-557.	1.4	41
130	Increased VEGF Expression in the Epiphyseal Cartilage After Ischemic Necrosis of the Capital Femoral Epiphysis. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 2041-2048.	3.1	46
131	Indentation properties of growing femoral head following ischemic necrosis. <i>Journal of Orthopaedic Research</i> , 2004, 22, 122-130.	1.2	49
132	Pathogenesis of Metaphyseal Radiolucent Changes Following Ischemic Necrosis of the Capital Femoral Epiphysis in Immature Pigs. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 129-135.	1.4	35
133	Nonunion as a Complication of an Open Reduction of a Distal Radial Fracture in a Healthy Child: A Case Report. <i>Journal of Orthopaedic Trauma</i> , 2003, 17, 231-233.	0.7	13
134	The effects of limb lengthening on growth. <i>Journal of Pediatric Orthopaedics Part B</i> , 2003, 12, 328-31.	0.3	7
135	Early Complications After One Hundred and Forty-four Consecutive Hip Revisions with Impacted Morselized Allograft Bone and Cement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002, 84, 1323-1328.	1.4	98
136	Development of Flattening and Apparent Fragmentation Following Ischemic Necrosis of the Capital Femoral Epiphysis in a Piglet Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002, 84, 1329-1334.	1.4	117
137	Histopathologic Changes in Growth-Plate Cartilage Following Ischemic Necrosis of the Capital Femoral Epiphysis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001, 83, 688-697.	1.4	89
138	Pelvic obliquity after fusion of the spine in Duchenne muscular dystrophy. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1999, 81, 821-4.	3.4	61
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140	Traumatic heterotopic bone formation in the quadriceps muscle: No progression by continuous passive motion in rabbits. <i>Acta Orthopaedica</i> , 1996, 67, 450-454.	1.4	6
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142	Biological resurfacing of full-thickness defects in patellar articular cartilage of the rabbit. Investigation of autogenous periosteal grafts subjected to continuous passive motion. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1992, 74-B, 659-667.	3.4	116