

Harry K W Kim

List of Publications by Year in descending order

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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	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
2	Citric acid-derived in situ crosslinkable biodegradable polymers for cell delivery. <i>Biomaterials</i> , 2010, 31, 9092-9105.	5.7	130
3	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
4	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
5	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
6	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
7	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
8	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
9	Legg-Calvé-Perthes Disease. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2010, 18, 676-686.	1.1	86
10	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
11	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
12	Pathophysiology, Classifications, and Natural History of Perthes Disease. <i>Orthopedic Clinics of North America</i> , 2011, 42, 285-295.	0.5	67
13	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
14	Review: Resin Composite Filling. <i>Materials</i> , 2010, 3, 1228-1243.	1.3	60
15	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
16	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
17	Citrate-based biodegradable injectable hydrogel composites for orthopedic applications. <i>Biomaterials Science</i> , 2013, 1, 52-64.	2.6	57
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Indentation properties of growing femoral head following ischemic necrosis. <i>Journal of Orthopaedic Research</i> , 2004, 22, 122-130.	1.2	49
26	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
27	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
28	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
29	Legg-Calv�-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
30	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
31	Hypoxia and HIF-1� expression in the epiphyseal cartilage following ischemic injury to the immature femoral head. <i>Bone</i> , 2009, 45, 280-288.	1.4	46
32	Interobserver and Intraobserver Reliability of the Modified Waldenstr�m Classification System for Staging of Legg-Calv�-Perthes Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 643-650.	1.4	45
33	Legg-Calve-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, S141-S146.	0.6	44
34	Targeted disruption of BMP signaling through type IA receptor (BMPRI1A) 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
35	Evidence for Using Bisphosphonate to Treat Legg-Calv�-Perthes Disease. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2462-2475.	0.7	42
36	A comparison of non-contrast and contrast-enhanced MRI in the initial stage of Legg-Calv�-Perthes disease. <i>Pediatric Radiology</i> , 2013, 43, 1166-1173.	1.1	41

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37	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
38	Induction of SHP2 Deficiency in Chondrocytes Causes Severe Scoliosis and Kyphosis in Mice. <i>Spine</i> , 2013, 38, E1307-E1312.	1.0	40
39	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
40	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
41	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
42	Local bioavailability and distribution of systemically (parenterally) administered ibandronate in the infarcted femoral head. <i>Bone</i> , 2006, 39, 205-212.	1.4	36
43	Increased matrix mineralization in the immature femoral head following ischemic osteonecrosis. <i>Bone</i> , 2010, 46, 379-385.	1.4	35
44	How Much Varus Is Optimal with Proximal Femoral Osteotomy to Preserve the Femoral Head in Legg-Calv \acute{e} -Perthes Disease?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 341-347.	1.4	35
45	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
46	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
47	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
48	High-resolution magnetic resonance imaging of normal porcine cartilaginous epiphyseal maturation. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 172-179.	1.9	32
49	Assessment of Femoral Head Revascularization in Legg-Calv \acute{e} -Perthes Disease Using Serial Perfusion MRI. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1897-1904.	1.4	32
50	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
51	Potential for Bisphosphonate Treatment in Legg-Calve-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, S182-S188.	0.6	29
52	Enhanced Interfacial Adhesion and Osteogenesis for Rapid α -Bone-like β -Biom mineralization by PECVD-Based Silicon Oxynitride Overlays. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15368-15379.	4.0	27
53	Development of a Mouse Model of Ischemic Osteonecrosis. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1486-1498.	0.7	27
54	Ischaemic injury to femoral head induces apoptotic and oncotic cell death. <i>Pathology</i> , 2007, 39, 241-246.	0.3	26

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55	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
56	Intraosseous Delivery of Bone Morphogenic Protein-2 Using a Self-Assembling Peptide Hydrogel. <i>Biomacromolecules</i> , 2016, 17, 2329-2336.	2.6	25
57	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
58	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
59	Acute BMP2 upregulation following induction of ischemic osteonecrosis in immature femoral head. <i>Bone</i> , 2013, 53, 239-247.	1.4	22
60	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
61	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
62	MRI of the cartilaginous epiphysis of the femoral head in the piglet hip after ischemic damage. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 717-723.	1.9	21
63	Prevalence of Obesity in Patients With Legg-Calv�-Perthes Disease. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2016, 24, 660-665.	1.1	21
64	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
65	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
66	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
67	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
68	Amorphous Silicon Oxynitrophosphide-Coated Implants Boost Angiogenic Activity of Endothelial Cells. <i>Tissue Engineering - Part A</i> , 2020, 26, 15-27.	1.6	18
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	Future Biologic Treatments for Perthes Disease. <i>Orthopedic Clinics of North America</i> , 2011, 42, 423-427.	0.5	15
80	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
81	Regulation of bone and skeletal development by the SHP-2 protein tyrosine phosphatase. <i>Bone</i> , 2014, 69, 55-60.	1.4	15
82	Evaluation of a pig femoral head osteonecrosis model. <i>Journal of Orthopaedic Surgery and Research</i> , 2010, 5, 15.	0.9	14
83	Feasibility and Safety of Perfusion MRI for Legg-Calvé-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2014, 34, 679-682.	0.6	14
84	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
85	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
86	Bio-Inspired Micropatterned Platforms Recapitulate 3D Physiological Morphologies of Bone and Dentinal Cells. <i>Advanced Science</i> , 2018, 5, 1801037.	5.6	14
87	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
88	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
89	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
90	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

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91	Silicon Oxynitrophosphide <scp>Nanoscale Coating</scp> Enhances Antioxidant Marker-Induced Angiogenesis During in vivo Cranial Bone-Defect Healing. JBMR Plus, 2021, 5, e10425.	1.3	12
92	Rapid Regeneration of Vascularized Bone by Nanofabricated Amorphous Silicon Oxynitrophosphide (SiONP) Overlays. Journal of Biomedical Nanotechnology, 2019, 15, 1241-1255.	0.5	12
93	Regeneration of the proximal tibial epiphysis after infantile osteomyelitis. Journal of Bone and Joint Surgery: British Volume, 2005, 87-B, 979-983.	3.4	11
94	Quantitative MRI Helps to Detect Hip Ischemia: Preclinical Model of Legg-Calvé-Perthes Disease. Radiology, 2018, 289, 386-395.	3.6	11
95	Treatment Patterns and Outcomes of Stable Hips in Infants With Ultrasonic Dysplasia. Journal of the American Academy of Orthopaedic Surgeons, The, 2019, 27, 68-74.	1.1	11
96	A Comparison of Transphyseal Neck-Head Tunneling and Multiple Epiphyseal Drilling on Femoral Head Healing Following Ischemic Osteonecrosis: An Experimental Investigation in Immature Pigs. Journal of Pediatric Orthopaedics, 2020, 40, 168-175.	0.6	11
97	Femoral Neck Fracture in a Child With Autosomal-Dominant Osteopetrosis: Failure of Spica Cast Treatment and Successful Outcome by Internal Fixation. Journal of Orthopaedic Trauma, 2005, 19, 494-497.	0.7	10
98	Long-term Outcomes of Operative and Nonoperative Treatment of Congenital Coxa Vara. Journal of Pediatric Orthopaedics, 2018, 38, 193-201.	0.6	10
99	Elevation of Proinflammatory Cytokine <scp>HMGB1</scp> in the Synovial Fluid of Patients With <scp>Legg-Calvé-Perthes</scp> Disease and Correlation With <scp>IL</scp>. JBMR Plus, 2021, 5, e10429. ³	1.3	10
100	Detecting a Disruption of Blood Flow to the Femoral Head After Ischemic Injury Using 4 Different Techniques. Journal of Pediatric Orthopaedics, 2012, 32, 75-80.	0.6	9
101	Validation of Pediatric Self-Report Patient-Reported Outcomes Measurement Information System (PROMIS) Measures in Different Stages of Legg-Calvé-Perthes Disease. Journal of Pediatric Orthopaedics, 2020, 40, 235-240.	0.6	9
102	Weightbearing and Activity Restriction Treatments and Quality of Life in Patients with Perthes Disease. Clinical Orthopaedics and Related Research, 2021, 479, 1360-1370.	0.7	9
103	Development of a murine model of ischemic osteonecrosis to study the effects of aging on bone repair. Journal of Orthopaedic Research, 2021, 39, 2663-2670.	1.2	8
104	Damage associated molecular patterns in necrotic femoral head inhibit osteogenesis and promote fibrogenesis of mesenchymal stem cells. Bone, 2022, 154, 116215.	1.4	8
105	Comparison of Pavlik Harness treatment regimens for reduced but dislocatable (Barlow positive) hips in infantile DDH. Journal of Orthopaedics, 2019, 16, 440-444.	0.6	7
106	Analysis of Trabecular Microstructure and Vascular Distribution of Capital Femoral Epiphysis Relevant to Legg-Calvé-Perthes Disease. Journal of Orthopaedic Research, 2019, 37, 1784-1789.	1.2	7
107	Prolonged non-weightbearing treatment decreases femoral head deformity compared to symptomatic treatment in the initial stage of Legg-Calvé-Perthes disease. Journal of Pediatric Orthopaedics Part B, 2022, 31, 209-215.	0.3	7
108	Moderate Weightbearing Restrictions Are Associated with Worse Depressive Symptoms and Anxiety in Children Aged 5 to 7 Years with Perthes Disease. Clinical Orthopaedics and Related Research, 2022, 480, 587-599.	0.7	7

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109	The effects of limb lengthening on growth. <i>Journal of Pediatric Orthopaedics Part B</i> , 2003, 12, 328-31.	0.3	7
110	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
111	Whole-Exome Sequencing. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e185.	1.4	6
112	Team approach: Management of osteonecrosis in children with acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28509.	0.8	6
113	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
114	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
115	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
116	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
117	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
118	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
119	Quantitative T2 and T1 ρ -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
120	Childhood Femoral Head Osteonecrosis. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2011, 9, 2-12.	1.3	4
121	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
122	A genome-wide transcriptomic analysis of articular cartilage during normal maturation in pigs. <i>Gene</i> , 2017, 627, 508-518.	1.0	4
123	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
124	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
125	T1 ρ -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
126	Reliability and Validity of Visual Estimation of Femoral Head Hypoperfusion on Perfusion MRI in Legg-Calve-Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e780-e786.	0.6	4

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127	A rat model of ischemic osteonecrosis for investigating local therapeutics using biomaterials. Acta Biomaterialia, 2021, 132, 260-271.	4.1	4
128	The Impact of Large-Scale Genomic Methods in Orthopaedic Disorders: Insights from Genome-Wide Association Studies. Journal of Bone and Joint Surgery - Series A, 2014, 96, e38.	1.4	3
129	Reliability of the modified lateral pillar classification for Legg Calv� Perthes disease performed by a large group of international paediatric orthopaedic surgeons. Journal of Children's Orthopaedics, 2020, 14, 529-536.	0.4	3
130	Hip Morphology in Early-stage LCPD: Is There an Argument for Anatomic-specific Containment?. Journal of Pediatric Orthopaedics, 2021, 41, 344-351.	0.6	3
131	What is the adult experience of Perthes� disease?. Bone & Joint Open, 2022, 3, 404-414.	1.1	3
132	Pavlik Harness Treatment May Not Be Necessary for All Newborns With Ultrasonic Hip Dysplasia. Journal of Pediatric Health Care, 2016, 30, 304-305.	0.6	2
133	Development of a Large Animal Model of Non-Weight-Bearing. Techniques in Orthopaedics, 2017, 32, 60-65.	0.1	1
134	NF�B inhibitor MG132 enhances differentiation and collagen expression of dental pulp stem cells (732.1). FASEB Journal, 2014, 28, 732.1.	0.2	1
135	The Role of the Artery of Ligamentum Teres in Revascularization in Legg-Calve-Perthes Disease. Journal of Pediatric Orthopaedics, 2022, 42, 175-178.	0.6	1
136	A Journey to the Pole: Polar Localization of Proteins in E. coli. Biophysical Journal, 2012, 102, 30a-31a.	0.2	0
137	What Is the Usefulness of the Fragmentation Pattern of the Femoral Head in Managing Legg-Calv�-Perthes Disease?. Clinics in Orthopedic Surgery, 2014, 6, 223.	0.8	0
138	Legg-Calv�-Perthes Disease: Pathology, Pathophysiology, and Pathogenesis of Deformity. , 2014, , 427-436.		0
139	Nouvelle technique mini-invasive pour �liminer le contenu de moelle osseuse n�crotique de l�os piphysaire: �tude pr�liminaire sur l�os cadav�rique. Revue De Chirurgie Orthopedique Et Traumatologique, 2020, 106, 398.	0.0	0
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