Harry K W Kim

List of Publications by Year
in descending order

142 papers	3,954 citations	94433 37 h-index	161849 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. Journal of Arthroplasty, 2020, 35, 933-940.	3.1	155
2	Citric acid-derived in situ crosslinkable biodegradable polymers for cell delivery. Biomaterials, 2010, 31, 9092-9105.	11.4	130
3	Pathophysiology and New Strategies for the Treatment of Legg-CalvÃ©-Perthes Disease. Journal of Bone and Joint Surgery - Series A, 2012, 94, 659-669.	3.0	130
4	Development of Flattening and Apparent Fragmentation Following Ischemic Necrosis of the Capital Femoral Epiphysis in a Piglet Model. Journal of Bone and Joint Surgery - Series A, 2002, 84, 1329-1334.	3.0	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. Journal of Bone and Joint Surgery: British Volume, 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. Journal of Bone and Joint Surgery - Series A, 2002, 84, 1323-1328.	3.0	98
7	Ibandronate for Prevention of Femoral Head Deformity After Ischemic Necrosis of the Capital Femoral Epiphysis in Immature Pigs. Journal of Bone and Joint Surgery - Series A, 2005, 87, 550-557.	3.0	94
8	Histopathologic Changes in Growth-Plate Cartilage Following Ischemic Necrosis of the Capital Femoral Epiphysis. Journal of Bone and Joint Surgery - Series A, 2001, 83, 688-697.	3.0	89
9	Legg-CalvÃ©-Perthes Disease. Journal of the American Academy of Orthopaedic Surgeons, The, 2010, 18, 676-686.	2.5	86
10	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 1: Glucocorticoid-Associated Osteonecrosis. Journal of Arthroplasty, 2019, 34, 163-168.e1.	3.1	79
11	RANKL Inhibition: A Novel Strategy to Decrease Femoral Head Deformity After Ischemic Osteonecrosis. Journal of Bone and Mineral Research, 2006, 21, 1946-1954.	2.8	70
12	Pathophysiology, Classifications, and Natural History of Perthes Disease. Orthopedic Clinics of North America, 2011, 42, 285-295.	1.2	67
13	Pelvic obliquity after fusion of the spine in Duchenne muscular dystrophy. Journal of Bone and Joint Surgery: British Volume, 1999, 81, 821-824.	3.4	61
14	Review: Resin Composite Filling. Materials, 2010, 3, 1228-1243.	2.9	60
15	Local Administration of Ibandronate and Bone Morphogenetic Protein-2 After Ischemic Osteonecrosis of the Immature Femoral Head. Journal of Bone and Joint Surgery - Series A, 2011, 93, 905-913.	3.0	59
16	Perfusion MRI in Early Stage of Legg-CalvÃ©-Perthes Disease to Predict Lateral Pillar Involvement. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1152-1160.	3.0	59
17	Citrate-based biodegradable injectable hydrogel composites for orthopedic applications. Biomaterials Science, 2013, 1, 52-64.	5.4	57
18	Amorphous Silica: A New Antioxidant Role for Rapid Criticalâ€Sized Bone Defect Healing. Advanced Healthcare Materials, 2016, 5, 2199-2213.	7.6	55

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19	Retention, Distribution, and Effects of Intraosseously Administered Ibandronate in the Infarcted Femoral Head. Journal of Bone and Mineral Research, 2006, 22, 93-100.	2.8	53
20	Biomechanical properties of bone and cartilage in growing femoral head following ischemic osteonecrosis. Journal of Orthopaedic Research, 2007, 25, 750-757.	2.3	52
21	Hypoxia-inducible factor-1 is a positive regulator of Sox9 activity in femoral head osteonecrosis. Bone, 2011, 48, 507-513.	2.9	51
22	Effects of Non-Weight-Bearing on the Immature Femoral Head Following Ischemic Osteonecrosis. Journal of Bone and Joint Surgery - Series A, 2012, 94, 2228-2237.	3.0	51
23	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 2: Alcohol-Associated Osteonecrosis. Journal of Arthroplasty, 2019, 34, 169-174.e1.	3.1	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. Journal of Pediatric Orthopaedics, 2013, 33, 707-713.	1.2	50
25	Indentation properties of growing femoral head following ischemic necrosis. Journal of Orthopaedic Research, 2004, 22, 122-130.	2.3	49
26	Local Administration of Bone Morphogenetic Protein-2 and Bisphosphonate During Non-Weight-Bearing Treatment of Ischemic Osteonecrosis of the Femoral Head. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1515-1524.	3.0	49
27	High-concentration of BMP2 reduces cell proliferation and increases apoptosis via DKK1 and SOST in human primary periosteal cells. Bone, 2013, 54, 141-150.	2.9	47
28	Targeted Disruption of Shp2 in Chondrocytes Leads to Metachondromatosis With Multiple Cartilaginous Protrusions. Journal of Bone and Mineral Research, 2014, 29, 761-769.	2.8	47
29	Legg-CalvÃ©-Perthes Disease Produces Chronic Hip Synovitis and Elevation of Interleukin-6 in the Synovial Fluid. Journal of Bone and Mineral Research, 2015, 30, 1009-1013.	2.8	47
30	Increased VEGF Expression in the Epiphyseal Cartilage After Ischemic Necrosis of the Capital Femoral Epiphysis. Journal of Bone and Mineral Research, 2004, 19, 2041-2048.	2.8	46
31	Hypoxia and HIF-1Î± expression in the epiphyseal cartilage following ischemic injury to the immature femoral head. Bone, 2009, 45, 280-288.	2.9	46
32	Interobserver and Intraobserver Reliability of the Modified WaldenstrÃ¶m Classification System for Staging of Legg-CalvÃ©-Perthes Disease. Journal of Bone and Joint Surgery - Series A, 2015, 97, 643-650.	3.0	45
33	Legg-Calve-Perthes Disease. Journal of Pediatric Orthopaedics, 2011, 31, S141-S146.	1.2	44
34	Targeted disruption of BMP signaling through type IA receptor (BMPR1A) in osteocyte suppresses SOST and RANKL, leading to dramatic increase in bone mass, bone mineral density and mechanical strength. Bone, 2016, 91, 53-63.	2.9	43
35	Evidence for Using Bisphosphonate to Treat Legg-CalvÃ©-Perthes Disease. Clinical Orthopaedics and Related Research, 2012, 470, 2462-2475.	1.5	42
36	A comparison of non-contrast and contrast-enhanced MRI in the initial stage of Legg-CalvÃ©-Perthes disease. Pediatric Radiology, 2013, 43, 1166-1173.	2.0	41

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37	IBANDRONATE FOR PREVENTION OF FEMORAL HEAD DEFORMITY AFTER ISCHEMIC NECROSIS OF THE CAPITAL FEMORAL EPIPHYSIS IN IMMATURE PIGS. Journal of Bone and Joint Surgery - Series A, 2005, 87, 550-557.	3.0	41
38	Induction of SHP2 Deficiency in Chondrocytes Causes Severe Scoliosis and Kyphosis in Mice. Spine, 2013, 38, E1307-E1312.	2.0	40
39	HIF-1-Dependent IL-6 Activation in Articular Chondrocytes Initiating Synovitis in Femoral Head Ischemic Osteonecrosis. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1122-1131.	3.0	40
40	Necrotic Bone Stimulates Proinflammatory Responses in Macrophages through the Activation of Toll-Like Receptor 4. American Journal of Pathology, 2016, 186, 2987-2999.	3.8	39
41	Decreasing NF-Î²B Expression Enhances Odontoblastic Differentiation and Collagen Expression in Dental Pulp Stem Cells Exposed to Inflammatory Cytokines. PLoS ONE, 2015, 10, e0113334.	2.5	38
42	Local bioavailability and distribution of systemically (parenterally) administered ibandronate in the infarcted femoral head. Bone, 2006, 39, 205-212.	2.9	36
43	Increased matrix mineralization in the immature femoral head following ischemic osteonecrosis. Bone, 2010, 46, 379-385.	2.9	35
44	How Much Varus Is Optimal with Proximal Femoral Osteotomy to Preserve the Femoral Head in Legg-CalvÃ©-Perthes Disease?. Journal of Bone and Joint Surgery - Series A, 2011, 93, 341-347.	3.0	35
45	Regulation of VEGF expression by HIF-1Î± in the femoral head cartilage following ischemia osteonecrosis. Scientific Reports, 2012, 2, 650.	3.3	35
46	Pathogenesis of Metaphyseal Radiolucent Changes Following Ischemic Necrosis of the Capital Femoral Epiphysis in Immature Pigs. Journal of Bone and Joint Surgery - Series A, 2004, 86, 129-135.	3.0	35
47	Bisphosphonate-modified gold nanoparticles: a useful vehicle to study the treatment of osteonecrosis of the femoral head. Nanotechnology, 2011, 22, 035102.	2.6	34
48	High-resolution magnetic resonance imaging of normal porcine cartilaginous epiphyseal maturation. Journal of Magnetic Resonance Imaging, 1996, 6, 172-179.	3.4	32
49	Assessment of Femoral Head Revascularization in Legg-CalvÃ©-Perthes Disease Using Serial Perfusion MRI. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1897-1904.	3.0	32
50	IL6 receptor blockade preserves articular cartilage and increases bone volume following ischemic osteonecrosis in immature mice. Osteoarthritis and Cartilage, 2019, 27, 326-335.	1.3	31
51	Potential for Bisphosphonate Treatment in Legg-Calve-Perthes Disease. Journal of Pediatric Orthopaedics, 2011, 31, S182-S188.	1.2	29
52	Enhanced Interfacial Adhesion and Osteogenesis for Rapid â€œBone-likeâ€•Biomineralization by PECVD-Based Silicon Oxynitride Overlays. ACS Applied Materials & Interfaces, 2015, 7, 15368-15379.	8.0	27
53	Development of a Mouse Model of Ischemic Osteonecrosis. Clinical Orthopaedics and Related Research, 2015, 473, 1486-1498.	1.5	27
54	Ischaemic injury to femoral head induces apoptotic and oncotic cell death. Pathology, 2007, 39, 241-246.	0.6	26

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55	Human periosteum cell osteogenic differentiation enhanced by ionic silicon release from porous amorphous silica fibrous scaffolds. Journal of Biomedical Materials Research - Part A, 2015, 103, 2797-2806.	4.0	25
56	Intraosseous Delivery of Bone Morphogenic Protein-2 Using a Self-Assembling Peptide Hydrogel. Biomacromolecules, 2016, 17, 2329-2336.	5.4	25
57	Interleukin-6 deletion stimulates revascularization and new bone formation following ischemic osteonecrosis in a murine model. Bone, 2018, 116, 221-231.	2.9	23
58	Does Early Proximal Femoral Varus Osteotomy Shorten the Duration of Fragmentation in Perthes Disease? Lessons From a Prospective Multicenter Cohort. Journal of Pediatric Orthopaedics, 2020, 40, e322-e328.	1.2	23
59	Acute BMP2 upregulation following induction of ischemic osteonecrosis in immature femoral head. Bone, 2013, 53, 239-247.	2.9	22
60	Neurofibromin Deficiency-Associated Transcriptional Dysregulation Suggests a Novel Therapy for Tibial Pseudoarthrosis in NF1. Journal of Bone and Mineral Research, 2014, 29, 2636-2642.	2.8	22
61	Ionic silicon improves endothelial cells' survival under toxic oxidative stress by overexpressing angiogenic markers and antioxidant enzymes. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 2203-2220.	2.7	22
62	MRI of the cartilaginous epiphysis of the femoral head in the piglet hip after ischemic damage. Journal of Magnetic Resonance Imaging, 1998, 8, 717-723.	3.4	21
63	Prevalence of Obesity in Patients With Legg-CalvÃ©-Perthes Disease. Journal of the American Academy of Orthopaedic Surgeons, The, 2016, 24, 660-665.	2.5	21
64	Effects of Disruption of Epiphyseal Vasculature on the Proximal Femoral Growth Plate. Journal of Bone and Joint Surgery - Series A, 2009, 91, 1149-1158.	3.0	21
65	Targeted Disruption of NF1 in Osteocytes Increases FGF23 and Osteoid With Osteomalacia-like Bone Phenotype. Journal of Bone and Mineral Research, 2017, 32, 1716-1726.	2.8	18
66	In Vitro and In Vivo Characterization of Premixed PMMA-CaP Composite Bone Cements. ACS Biomaterials Science and Engineering, 2017, 3, 2267-2277.	5.2	18
67	Material properties of bone in the femoral head treated with ibandronate and BMP-2 following ischemic osteonecrosis. Journal of Orthopaedic Research, 2017, 35, 1453-1460.	2.3	18
68	Amorphous Silicon Oxynitrophosphide-Coated Implants Boost Angiogenic Activity of Endothelial Cells. Tissue Engineering - Part A, 2020, 26, 15-27.	3.1	18
69	Comprehensive Genome-Wide Transcriptomic Analysis of Immature Articular Cartilage following Ischemic Osteonecrosis of the Femoral Head in Piglets. PLoS ONE, 2016, 11, e0153174.	2.5	18
70	Effects of Cigarette Smoking on Hearing Recovery From Noise-Induced Temporary Hearing Threshold Shifts in Mice. Otology and Neurotology, 2011, 32, 926-932.	1.3	17
71	A Comparison of Pavlik Harness Treatment Regimens for Dislocated But Reducible (Ortolani+) Hips in Infantile Developmental Dysplasia of the Hip. Journal of Pediatric Orthopaedics, 2019, 39, 505-509.	1.2	17
72	Anti-Interleukin-6 Therapy Decreases Hip Synovitis and Bone Resorption and Increases Bone Formation Following Ischemic Osteonecrosis of the Femoral Head. Journal of Bone and Mineral Research, 2020, 36, 357-368.	2.8	17

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73	Microcrack density and nanomechanical properties in the subchondral region of the immature piglet femoral head following ischemic osteonecrosis. Bone, 2013, 52, 632-639.	2.9	16
74	Two novel high performing composite PMMA-CaP cements for vertebroplasty: An ex vivo animal study. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 50, 290-298.	3.1	16
75	Biomechanical behavior of novel composite PMMA-CaP bone cements in an anatomically accurate cadaveric vertebroplasty model. Journal of Orthopaedic Research, 2017, 35, 2067-2074.	2.3	16
76	Quantitative susceptibility mapping detects neovascularization of the epiphyseal cartilage after ischemic injury in a piglet model of leggâ€¢calvÃ©â€•perthes disease. Journal of Magnetic Resonance Imaging, 2019, 50, 106-113.	3.4	16
77	Evolution of Legg-CalvÃ©-Perthes disease following proximal femoral varus osteotomy performed in the avascular necrosis stage: A prospective study. Journal of Children's Orthopaedics, 2020, 14, 58-67.	1.1	16
78	Secondary Surgery and Residual Dysplasia Following Late Closed or Open Reduction of Developmental Dysplasia of the Hip. Journal of Bone and Joint Surgery - Series A, 2021, 103, 235-242.	3.0	16
79	Future Biologic Treatments for Perthes Disease. Orthopedic Clinics of North America, 2011, 42, 423-427.	1.2	15
80	Female Patients With Late-Onset Legg-CalvÃ©-Perthes Disease Are Frequently Gymnasts. Journal of Pediatric Orthopaedics, 2013, 33, 811-815.	1.2	15
81	Regulation of bone and skeletal development by the SHP-2 protein tyrosine phosphatase. Bone, 2014, 69, 55-60.	2.9	15
82	Evaluation of a pig femoral head osteonecrosis model. Journal of Orthopaedic Surgery and Research, 2010, 5, 15.	2.3	14
83	Feasibility and Safety of Perfusion MRI for Legg-CalvÃ©-Perthes Disease. Journal of Pediatric Orthopaedics, 2014, 34, 679-682.	1.2	14
84	Quantitative assessment of synovitis in Leggâ€“CalvÃ©â€“Perthes disease using gadolinium-enhanced MRI. Journal of Pediatric Orthopaedics Part B, 2015, 24, 89-94.	0.6	14
85	3D MRI quantification of femoral head deformity in Legg-CalvÃ©-Perthes disease. Journal of Orthopaedic Research, 2017, 35, 2051-2058.	2.3	14
86	Bioâ€Inspired Micropatterned Platforms Recapitulate 3D Physiological Morphologies of Bone and Dentinal Cells. Advanced Science, 2018, 5, 1801037.	11.2	14
87	Nonunion as a Complication of an Open Reduction of a Distal Radial Fracture in a Healthy Child: A Case Report. Journal of Orthopaedic Trauma, 2003, 17, 231-233.	1.4	13
88	Lactoferrin activates BMP7 gene expression through the mitogen-activated protein kinase ERK pathway in articular cartilage. Biochemical and Biophysical Research Communications, 2013, 431, 31-35.	2.1	12
89	Bone Apatite Composition of Necrotic Trabecular Bone in the Femoral Head of Immature Piglets. Calcified Tissue International, 2015, 96, 324-334.	3.1	12
90	In vivo monitoring of activated macrophages and neutrophils in response to ischemic osteonecrosis in a mouse model. Journal of Orthopaedic Research, 2016, 34, 307-313.	2.3	12

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91	Silicon Oxynitrophosphide <scp>Nanoscale Coating</scp> Enhances Antioxidant Markerâ€Induced Angiogenesis During in vivo Cranial Boneâ€Defect Healing. JBMR Plus, 2021, 5, e10425.	2.7	12
92	Rapid Regeneration of Vascularized Bone by Nanofabricated Amorphous Silicon Oxynitrophosphide (SiONP) Overlays. Journal of Biomedical Nanotechnology, 2019, 15, 1241-1255.	1.1	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-CalvÃ©-Perthes Disease. Radiology, 2018, 289, 386-395.	7.3	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.	2.5	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.	1.2	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.	1.4	10
98	Long-term Outcomes of Operative and Nonoperative Treatment of Congenital Coxa Vara. Journal of Pediatric Orthopaedics, 2018, 38, 193-201.	1.2	10
99	Elevation of Proinflammatory Cytokine <scp>HMGB1</scp> in the Synovial Fluid of Patients With <scp>Leggâ€CalvÃ©â€Perthes</scp> Disease and Correlation With <scp>IL</scp>â€6. JBMR Plus, 2021, 5, e10429.	2.7	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.	1.2	9
101	Validation of Pediatric Self-Report Patient-Reported Outcomes Measurement Information System (PROMIS) Measures in Different Stages of Legg-CalvÃ©-Perthes Disease. Journal of Pediatric Orthopaedics, 2020, 40, 235-240.	1.2	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.	1.5	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.	2.3	8
104	Damage associated molecular patterns in necrotic femoral head inhibit osteogenesis and promote fibrogenesis of mesenchymal stem cells. Bone, 2022, 154, 116215.	2.9	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.	1.3	7
106	Analysis of Trabecular Microstructure and Vascular Distribution of Capital Femoral Epiphysis Relevant to Leggâ€“Calveâ€“Perthes Disease. Journal of Orthopaedic Research, 2019, 37, 1784-1789.	2.3	7
107	Prolonged non-weightbearing treatment decreases femoral head deformity compared to symptomatic treatment in the initial stage of Leggâ€“CalvÃ©â€“Perthes disease. Journal of Pediatric Orthopaedics Part B, 2022, 31, 209-215.	0.6	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.	1.5	7

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109	The effects of limb lengthening on growth. Journal of Pediatric Orthopaedics Part B, 2003, 12, 328-31.	0.6	7
110	Traumatic heterotopic bone formation in the quadriceps muscle: No progression by continuous passive motion in rabbits. Acta Orthopaedica, 1996, 67, 450-454.	1.4	6
111	Whole-Exome Sequencing. Journal of Bone and Joint Surgery - Series A, 2013, 95, e185.	3.0	6
112	Team approach: Management of osteonecrosis in children with acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2020, 67, e28509.	1.5	6
113	Minimally Invasive Necrotic Bone Washing Improves Bone Healing After Femoral Head Ischemic Osteonecrosis. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1193-1202.	3.0	6
114	Feasibility of Magnetic Resonance Angiography in Patients With Legg-CalvÃ©-Perthes Disease. Journal of Pediatric Orthopaedics, 2021, Publish Ahead of Print, e774-e779.	1.2	6
115	Subchondral fracture after ischemic osteonecrosis of the immature femoral head in piglet model. Journal of Pediatric Orthopaedics Part B, 2011, 20, 227-231.	0.6	5
116	Ischemic femoral head osteonecrosis in a piglet model causes three dimensional decrease in acetabular coverage. Journal of Orthopaedic Research, 2018, 36, 1173-1177.	2.3	5
117	Development of a novel minimally invasive technique to washout necrotic bone marrow content from epiphyseal bone: A preliminary cadaveric bone study. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 709-715.	2.0	5
118	The Clinical Significance of Infolded Limbus on Postreduction Arthrogram in Developmental Dysplasia of the Hip. Journal of Pediatric Orthopaedics, 2022, 42, e309-e314.	1.2	5
119	Quantitative T2 and T1Ï•mapping are sensitive to ischemic injury to the epiphyseal cartilage in an in vivo piglet model of Legg-CalvÃ©-Perthes disease. Osteoarthritis and Cartilage, 2022, 30, 1244-1253.	1.3	5
120	Childhood Femoral Head Osteonecrosis. Clinical Reviews in Bone and Mineral Metabolism, 2011, 9, 2-12.	0.8	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. Journal of Medical Ultrasound, 2014, 22, 99-105.	0.4	4
122	A genome-wide transcriptomic analysis of articular cartilage during normal maturation in pigs. Gene, 2017, 627, 508-518.	2.2	4
123	Expanding the phenotypic spectrum of RPL13 â€related skeletal dysplasia. American Journal of Medical Genetics, Part A, 2020, 185, 2776-2781.	1.2	4
124	Demographics and Clinical Presentation of Early-Stage Legg-CalvÃ©-Perthes Disease: A Prospective, Multicenter, International Study. Journal of the American Academy of Orthopaedic Surgeons, The, 2021, 29, e85-e91.	2.5	4
125	T1Ï•and T2 mapping detect acute ischemic injury in a piglet model of Leggâ€“CalvÃ©â€“Perthes disease. Journal of Orthopaedic Research, 2022, 40, 484-494.	2.3	4
126	Reliability and Validity of Visual Estimation of Femoral Head Hypoperfusion on Perfusion MRI in Legg-Calve-Perthes Disease. Journal of Pediatric Orthopaedics, 2021, 41, e780-e786.	1.2	4

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127	A rat model of ischemic osteonecrosis for investigating local therapeutics using biomaterials. Acta Biomaterialia, 2021, 132, 260-271.	8.3	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.	3.0	3
129	Reliability of the modified lateral pillar classification for Legg CalvÃ© Perthes disease performed by a large group of international paediatric orthopaedic surgeons. Journal of Children's Orthopaedics, 2020, 14, 529-536.	1.1	3
130	Hip Morphology in Early-stage LCPD: Is There an Argument for Anatomic-specific Containment?. Journal of Pediatric Orthopaedics, 2021, 41, 344-351.	1.2	3
131	What is the adult experience of Perthesâ€™ disease?. Bone & Joint Open, 2022, 3, 404-414.	2.6	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.	1.2	2
133	Development of a Large Animal Model of Non-Weight-Bearing. Techniques in Orthopaedics, 2017, 32, 60-65.	0.2	1
134	NFâ€ºB inhibitor MG132 enhances differentiation and collagen expression of dental pulp stem cells (732.1). FASEB Journal, 2014, 28, 732.1.	0.5	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.	1.2	1
136	A Journey to the Pole: Polar Localization of Proteins in E. coli. Biophysical Journal, 2012, 102, 30a-31a.	0.5	0
137	What Is the Usefulness of the Fragmentation Pattern of the Femoral Head in Managing Legg-CalvÃ©-Perthes Disease?. Clinics in Orthopedic Surgery, 2014, 6, 223.	2.2	0
138	Legg-CalvÃ©-Perthes Disease: Pathology, Pathophysiology, and Pathogenesis of Deformity. , 2014, , 427-436.		0
139	Nouvelle technique mini-invasive pour Ã©liminer le contenu de moelle osseuse nÃ©crotique de lâ€™os Ã©piphysaireÂ: Ã©tude prÃ©liminaire sur lâ€™os cadavÃ©rique. Revue De Chirurgie Orthopedique Et Traumatologique, 2020, 106, 398.	0.0	0
140	Legg-CalvÃ©-Perthes Disease: Treatments. , 2014, , 451-467.		0
141	Does participation in a multicenter study group affect physician treatment preference? A survey of participants. Current Orthopaedic Practice, 2020, 31, 565-570.	0.2	0
142	Does the Deformity Index Reliably Predict the Shape of the Femoral Head at Healing of Legg-CalvÃ©-Perthes Disease?. Journal of Pediatric Orthopaedics, 2022, 42, e163-e167.	1.2	0