

Hyun Woo Kim

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

1,735
citations

279487

23
h-index

329751

37
g-index

104
all docs

104
docs citations

104
times ranked

2350
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustained release of ascorbate-2-phosphate and dexamethasone from porous PLGA scaffolds for bone tissue engineering using mesenchymal stem cells. <i>Biomaterials</i> , 2003, 24, 4671-4679.	5.7	120
2	Three-dimensional brain-like microenvironments facilitate the direct reprogramming of fibroblasts into therapeutic neurons. <i>Nature Biomedical Engineering</i> , 2018, 2, 522-539.	11.6	86
3	In vivo bone formation by human marrow stromal cells in biodegradable scaffolds that release dexamethasone and ascorbate-2-phosphate. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 1053-1060.	1.0	83
4	The "four-in-one"™ procedure for habitual dislocation of the patella in children. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2007, 89-B, 1645-1649.	3.4	70
5	Tibial Lengthening Over an Intramedullary Nail with Use of the Ilizarov External Fixator for Idiopathic Short Stature. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 1970-1978.	1.4	60
6	Heterozygous mutations in cyclic AMP phosphodiesterase-4D (PDE4D) and protein kinase A (PKA) provide new insights into the molecular pathology of acrodysostosis. <i>Cellular Signalling</i> , 2014, 26, 2446-2459.	1.7	56
7	Efficient strategy for the molecular diagnosis of intractable early-onset epilepsy using targeted gene sequencing. <i>BMC Medical Genomics</i> , 2018, 11, 6.	0.7	55
8	Acetabular Development in Developmental Dysplasia of the Hip Complicated by Lateral Growth Disturbance of the Capital Femoral Epiphysis*. <i>Journal of Bone and Joint Surgery - Series A</i> , 2000, 82, 1692-1700.	1.4	55
9	Effect of Intermittent Administration of Parathyroid Hormone on Fracture Healing in Ovariectomized Rats. <i>Orthopedics</i> , 2000, 23, 1089-1094.	0.5	52
10	Whole-Exome Sequencing Identifies Mutations of KIF22 in Spondyloepimetaphyseal Dysplasia with Joint Laxity, Leptodactylic Type. <i>American Journal of Human Genetics</i> , 2011, 89, 760-766.	2.6	46
11	Dynamic Foot Pressure Measurements for Assessing Foot Deformity in Persons With Spastic Cerebral Palsy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 703-709.	0.5	43
12	Changes in Dynamic Foot Pressure After Surgical Treatment of Valgus Deformity of the Hindfoot in Cerebral Palsy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 1712-1721.	1.4	38
13	Intramedullary Fixation and Bone Grafting for Congenital Pseudarthrosis of the Tibia. <i>Clinical Orthopaedics and Related Research</i> , 2002, 405, 250-257.	0.7	37
14	Inhibitory effect of piperine on <i>Helicobacter pylori</i> growth and adhesion to gastric adenocarcinoma cells. <i>Infectious Agents and Cancer</i> , 2014, 9, 43.	1.2	33
15	Comparison of Dexmedetomidine and Fentanyl as an Adjuvant to Ropivacaine for Postoperative Epidural Analgesia in Pediatric Orthopedic Surgery. <i>Yonsei Medical Journal</i> , 2017, 58, 650.	0.9	30
16	Extraarticular Subtalar Arthrodesis for Pes Planovalgus: An Interim Result of 50 Feet in Patients with Spastic Diplegia. <i>Clinics in Orthopedic Surgery</i> , 2010, 2, 13.	0.8	29
17	Apoptosis signal-regulating kinase 1 (Ask1) targeted small interfering RNA on ischemic neuronal cell death. <i>Brain Research</i> , 2011, 1412, 73-78.	1.1	29
18	Salvage procedures for the painful chronically dislocated hip in cerebral palsy. <i>Bone and Joint Journal</i> , 2016, 98-B, 137-143.	1.9	29

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19	A Comparison of the Device-Related Complications of Intramedullary Lengthening Nails Using a New Classification System. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	29
20	Differential effects on sodium current impairments by distinct SCN1A mutations in GABAergic neurons derived from Dravet syndrome patients. <i>Brain and Development</i> , 2018, 40, 287-298.	0.6	27
21	Inhibitory Effects of Î²-Caryophyllene on <i>Helicobacter pylori</i> Infection In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1008.	1.8	27
22	Effect of humidity and benign solvent composition on electrospinning of collagen nanofibrous sheets. <i>Materials Letters</i> , 2016, 181, 136-139.	1.3	26
23	Impact of Open Reduction on Surgical Strategies for Missed Monteggia Fracture in Children. <i>Yonsei Medical Journal</i> , 2017, 58, 829.	0.9	26
24	Surgical Treatment of Calcaneal Deformity in a Select Group of Patients with Myelomeningocele. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2149-2159.	1.4	24
25	Comparison of Botulinum Toxin Type A Injection and Soft-Tissue Surgery to Treat Hip Subluxation in Children With Cerebral Palsy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 2108-2113.	0.5	23
26	One-stage rotational osteotomy for congenital radioulnar synostosis. <i>Journal of Hand Surgery: European Volume</i> , 2015, 40, 855-861.	0.5	23
27	Inhibitory Effects of Menadione on <i>Helicobacter pylori</i> Growth and <i>Helicobacter pylori</i> -Induced Inflammation via NF-Î²B Inhibition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1169.	1.8	23
28	Refractures of the Upper Extremity in Children. <i>Yonsei Medical Journal</i> , 2007, 48, 255.	0.9	22
29	The Relationship Between Accessory Navicular and Flat Foot. <i>Journal of Pediatric Orthopaedics</i> , 2015, 35, 739-745.	0.6	22
30	Hemiepiphysiodesis for Idiopathic Genu Valgum: Percutaneous Transphyseal Screw Versus Tension-band Plate. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, 325-330.	0.6	22
31	Trochanteric Advancement in Patients with Legg-Calvé-Perthes Disease Does Not Improve Pain or Limp. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 927-934.	0.7	21
32	Soft Tissue Surgery for Equinus Deformity in Spastic Hemiplegic Cerebral Palsy: Effects on Kinematic and Kinetic Parameters. <i>Yonsei Medical Journal</i> , 2006, 47, 657.	0.9	20
33	Revisit of multiple epiphyseal dysplasia: Ethnic difference in genotypes and comparison of radiographic features linked to the COMP and MATN3 genes. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 2669-2680.	0.7	20
34	Osteosynthesis In Situ for Lateral Condyle Nonunion in Children. <i>Journal of Pediatric Orthopaedics</i> , 2015, 35, 334-340.	0.6	20
35	Quantitative analysis of a spinal surgeon's learning curve for scoliosis surgery. <i>Bone and Joint Journal</i> , 2016, 98-B, 679-685.	1.9	20
36	Comprehensive genetic exploration of skeletal dysplasia using targeted exome sequencing. <i>Genetics in Medicine</i> , 2016, 18, 563-569.	1.1	20

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37	Reamed Intramedullary Nailing has an Adverse Effect on Bone Regeneration During the Distraction Phase in Tibial Lengthening. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 816-824.	0.7	19
38	Pulmonary manifestations in Proteus syndrome: Pulmonary varicosities and bullous lung disease. , 2011, 155, 865-869.		18
39	Assessment of the Influence of Acetic Acid Residue on Type I Collagen during Isolation and Characterization. <i>Materials</i> , 2018, 11, 2518.	1.3	18
40	Ankle Valgus Deformity Secondary to Proximal Migration of the Fibula in Tibial Lengthening with Use of the Ilizarov External Fixator. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 294-302.	1.4	17
41	Use of Allograft in Skeletally Immature Patients for Calcaneal Neck Lengthening Osteotomy. <i>Yonsei Medical Journal</i> , 2008, 49, 79.	0.9	15
42	The adenoviral vector-mediated increase in apurinic/aprimidinic endonuclease inhibits the induction of neuronal cell death after transient ischemic stroke in mice. <i>Brain Research</i> , 2009, 1274, 1-10.	1.1	15
43	Effects of Multiple Drilling on the Ischemic Capital Femoral Epiphysis of Immature Piglets. <i>Yonsei Medical Journal</i> , 2011, 52, 809.	0.9	15
44	Open Wedge High Tibial Osteotomy with Distal Tubercle Osteotomy Lessens Change in Patellar Position. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	14
45	Comparison of orthopaedic manifestations of multiple epiphyseal dysplasia caused by MATN3 versus COMP mutations: a case control study. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 84.	0.8	12
46	The first report of NDM-5â€“producing uropathogenic <i>Escherichia coli</i> isolates in South Korea. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 198-199.	0.8	12
47	What is the best treatment for displaced Salterâ€“Harris II physeal fractures of the distal tibia?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 108-112.	1.2	12
48	Treatment of Femoral Shaft Fracture with an Interlocking Humeral Nail in Older Children and Adolescents. <i>Yonsei Medical Journal</i> , 2012, 53, 408.	0.9	11
49	Increased Superoxide Dismutase 2 by Allopregnanolone Ameliorates ROS-Mediated Neuronal Death in Mice with Pilocarpine-Induced Status Epilepticus. <i>Neurochemical Research</i> , 2018, 43, 1464-1475.	1.6	11
50	Distal Femoral Shortening Osteotomy for Severe Knee Flexion Contracture and Crouch Gait in Cerebral Palsy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1354.	1.0	11
51	Hesperetin Inhibits Expression of Virulence Factors and Growth of <i>Helicobacter pylori</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 10035.	1.8	11
52	Piperine treatment suppresses <i>Helicobacter pylori</i> toxin entry in to gastric epithelium and minimizes β -catenin mediated oncogenesis and IL-8 secretion in vitro. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 885-98.	0.0	9
53	Post-ischemic administration of peptide with apurinic/aprimidinic endonuclease activity inhibits induction of cell death after focal cerebral ischemia/reperfusion in mice. <i>Neuroscience Letters</i> , 2009, 460, 166-169.	1.0	8
54	Botulinum Toxin A Does Not Decrease Calf Pain or Improve ROM During Limb Lengthening: A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 3835-3841.	0.7	8

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55	Radiographic Assessment of Foot Alignment in Juvenile Hallux Valgus and Its Relationship to Flatfoot. <i>Foot and Ankle International</i> , 2019, 40, 1079-1086.	1.1	8
56	Is Botulinum Toxin Type A a Valuable Adjunct During Femoral Lengthening? A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 2705-2711.	0.7	7
57	Is there an Increase in Valgus Deviation in Tibial Distraction Using the Lengthening Over Nail Technique?. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 1283-1291.	0.7	7
58	A comparative evaluation of tibial metaphyseal-diaphyseal angle changes between physiologic bowing and Blount disease. <i>Medicine (United States)</i> , 2019, 98, e15349.	0.4	7
59	Effect of Androsterone after Pilocarpine-induced Status Epilepticus in Mice. <i>Journal of Epilepsy Research</i> , 2014, 4, 7-13.	0.1	7
60	Upper Extremity Fractures in Children - Prospective Epidemiological Study of Tertiary Medical Institutes -. <i>The Journal of the Korean Orthopaedic Association</i> , 2007, 42, 270.	0.0	7
61	An overview of cartilage tissue engineering. <i>Yonsei Medical Journal</i> , 2000, 41, 766.	0.9	6
62	Muscle-tendon lengths according to sagittal knee kinematics in patients with cerebral palsy. <i>Journal of Pediatric Orthopaedics Part B</i> , 2014, 23, 76-85.	0.3	6
63	Clinical and Gait Parameters Related to Pelvic Retraction in Patients with Spastic Hemiplegia. <i>Journal of Clinical Medicine</i> , 2019, 8, 679.	1.0	6
64	Longitudinal Observation of Changes in the Ankle Alignment and Tibiofibular Relationships in Hereditary Multiple Exostoses. <i>Diagnostics</i> , 2020, 10, 752.	1.3	6
65	Outcome of Femoral Varus Derotational Osteotomy for the Spastic Hip Displacement: Implication for the Indication of Concomitant Pelvic Osteotomy. <i>Journal of Clinical Medicine</i> , 2020, 9, 256.	1.0	6
66	Innominate osteotomy for the treatment of Legg-Calvé-Perthes disease. <i>Yonsei Medical Journal</i> , 1996, 37, 200.	0.9	5
67	Altered Synthesis of Cartilage-Specific Proteoglycans by Mutant Human Cartilage Oligomeric Matrix Protein. <i>Clinics in Orthopedic Surgery</i> , 2009, 1, 181.	0.8	5
68	Architecture of the Triceps Surae Muscles Complex in Patients with Spastic Hemiplegia: Implication for the Limited Utility of the Silfverskiöld Test. <i>Journal of Clinical Medicine</i> , 2019, 8, 2096.	1.0	5
69	Lower Limb Lengthening in Turner Dwarfism. <i>Yonsei Medical Journal</i> , 2003, 44, 502.	0.9	4
70	A New Classification for Idiopathic Genu Vara. <i>Yonsei Medical Journal</i> , 2007, 48, 833.	0.9	4
71	Limb Angular Deformity Correction Using Dyna-ATC: Surgical Technique, Calculation Method, and Clinical Outcome. <i>Yonsei Medical Journal</i> , 2011, 52, 818.	0.9	4
72	Altered Cellular Kinetics in Growth Plate according to Alterations in Weight Bearing. <i>Yonsei Medical Journal</i> , 2012, 53, 618.	0.9	4

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73	Physical and Mechanical Modifications of Collagen Microfibers Using Ethanol-Based Dehydrating Conditions. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1307-1312.	1.7	4
74	One-Stage Extension Shortening Osteotomy for Syndromic Camptodactyly. <i>Journal of Clinical Medicine</i> , 2020, 9, 3731.	1.0	4
75	Changes in Dynamic Pedobarography after Extensive Plantar-medial Release for Paralytic Pes Cavovarus. <i>Yonsei Medical Journal</i> , 2014, 55, 766.	0.9	2
76	Retinoic Acid-induced Differentiation of Rat Mesenchymal Stem Cells into β 2-Cell Lineage. <i>The Journal of the Korean Society for Transplantation</i> , 2015, 29, 118.	0.2	2
77	Is Computed Tomography Necessary for Diagnostic Workup in Displaced Pediatric Medial Epicondyle Fractures?. <i>Diagnostics</i> , 2020, 10, 957.	1.3	2
78	Endoscopic Transverse Gastrocnemius Recession in Children With Cerebral Palsy. <i>Frontiers in Pediatrics</i> , 2020, 8, 112.	0.9	2
79	Comparison of Treating Tibial Nonunion with Bone and Soft Tissue Defect: Ilizarov Only Versus Free Flap and Ilizarov. <i>The Journal of the Korean Orthopaedic Association</i> , 2002, 37, 754.	0.0	2
80	Changes in Gait Pattern After Surgeries for Equinus Gait in Cerebral Palsy Spastic Hemiplegia. <i>The Journal of the Korean Orthopaedic Association</i> , 2005, 40, 709.	0.0	2
81	Causes and Surgical Treatment of Idiopathic Genu Vara. <i>The Journal of the Korean Orthopaedic Association</i> , 2007, 42, 264.	0.0	2
82	Development of EBV-encoded small RNA targeted PCR to classify EBV positive diffuse large B-cell lymphoma (DLBCL) of the elderly. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 7859-68.	0.5	2
83	Fate of hips complicated by avascular necrosis of the femoral head following reconstructive surgery in nonambulatory patients with cerebral palsy. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
84	Refractures of Upper Extremity in Children. <i>Journal of the Korean Fracture Society</i> , 2004, 17, 389.	0.1	1
85	Traumatic ulcerative granuloma misjudged as oral squamous cell carcinoma (SCC) on the buccal cheek: case report. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2010, 36, 217.	0.3	1
86	Prevalence and Treatment Outcome of Displaced High-Long Oblique Supracondylar Humeral Fractures in Children. <i>Frontiers in Pediatrics</i> , 2021, 9, 739909.	0.9	1
87	Application of orthofix dynamic axial fixator for the fracture and dislocation around the hip joint report of four cases. <i>Journal of the Korean Fracture Society</i> , 1991, 4, 275.	0.1	0
88	Altered Cellular Kinetics in the Growth Plate of the Femoral Head of Spontaneously Hypertensive Rats. <i>Yonsei Medical Journal</i> , 2012, 53, 625.	0.9	0
89	Surgical Treatment of Both Forearm Bone Fracture. <i>Journal of the Korean Fracture Society</i> , 2012, 25, 335.	0.1	0
90	Hip-Spine Syndrome in Patients With Spinal Cord Injuries: Hyperlordosis Associated With Severe Hip Flexion Contracture. <i>Frontiers in Pediatrics</i> , 2021, 9, 646107.	0.9	0

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91	Concomitant Talocalcaneal Coalition as a Risk Factor for Early Relapse Following Ponseti Treatment of Idiopathic Clubfoot. <i>Diagnostics</i> , 2021, 11, 1682.	1.3	0
92	Efficacy of Postoperative Patient Controlled Epidural Analgesia via the Lumbar Approach in Pediatric Patients Undergoing Lower Extremity Surgery. <i>The Journal of the Korean Orthopaedic Association</i> , 2003, 38, 223.	0.0	0
93	Lower Limb Lengthening in Turner Dwarfism. <i>The Journal of the Korean Orthopaedic Association</i> , 2004, 39, 192.	0.0	0
94	Tibialis Anterior Tendon Transfer for Calcaneus Deformity in Children with Myelomeningocele: A Preliminary Report. <i>The Journal of the Korean Orthopaedic Association</i> , 2006, 41, 328.	0.0	0
95	The "Four-in-One" Procedure for Habitual Patellar Dislocation in Children with Formation Failure of Femoral Trochlea and Generalized Ligamentous Laxity - A Preliminary Report -. <i>The Journal of the Korean Orthopaedic Association</i> , 2007, 42, 1.	0.0	0
96	In Situ Late Metaphyseal Osteosynthesis for the Fractures of the Lateral Humeral Condyle in Children. <i>Journal of the Korean Fracture Society</i> , 2008, 21, 151.	0.1	0
97	Musculoskeletal Surgeries for Optimization of Ambulation Ability in Patients with Spastic Cerebral Palsy. <i>Journal of the Korean Medical Association</i> , 2008, 51, 475.	0.1	0
98	Surgical Treatment for Planovalgus Foot in Children with Generalized Ligamentous Laxity. <i>The Journal of the Korean Orthopaedic Association</i> , 2010, 45, 363.	0.0	0
99	Treatment of Femoral Shaft Fracture with Interlocking Humeral Nail in Older Children and Adolescent. <i>Journal of the Korean Fracture Society</i> , 2010, 23, 206.	0.1	0
100	Changes of the Muscle-tendon Lengths in a Three-dimensional Musculoskeletal Model according to the Hip Transverse Angle in Cerebral Palsy Patients with Crouch Gait. <i>The Journal of the Korean Orthopaedic Association</i> , 2011, 46, 130.	0.0	0
101	The Pattern of Occurrence of Fractures in Children and Adolescents and Its Managements Based on the Database of the Health Insurance Review and Assessment Service. <i>Journal of the Korean Fracture Society</i> , 2014, 27, 308.	0.1	0
102	Treatment of Childrens Ankle Fractures. <i>Journal of the Korean Fracture Society</i> , 1995, 8, 378.	0.1	0
103	Leg length discrepancy after in situ fixation with screw for slipped capital femoral epiphysis. <i>Scientific Reports</i> , 2022, 12, 2256.	1.6	0
104	T2 Relaxation Time Changes in the Distal Femoral Condylar Cartilage of Children and Young Adults with Discoid Meniscus. <i>Cartilage</i> , 2022, 13, 194760352210851.	1.4	0