

# Yun-Rak Choi

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,077  
citations

394286

19  
h-index

477173

29  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical evaluation of a modified proximal humeral locking plate application for distal extra-articular diaphyseal humeral fractures. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1877-1883.	1.2	6
2	Anterior rotator cable disruption does not affect outcomes in rotator cuff tear with subscapularis involvement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 154-161.	2.3	10
3	Comparison of arthroscopy-assisted vs. open reduction and fixation of coronoid fractures of the ulna. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 469-478.	1.2	12
4	Single cell transcriptomic analysis of human pluripotent stem cell chondrogenesis. <i>Nature Communications</i> , 2021, 12, 362.	5.8	98
5	Clinical Outcomes for Isolated Subscapularis Tears With Advanced Fatty Infiltration: Nonoperative Treatment Versus Arthroscopic Single-Row Repair. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712097575.	0.8	10
6	Incomplete footprint coverage under tension in repair of isolated supraspinatus full-thickness tear. <i>Scientific Reports</i> , 2021, 11, 7425.	1.6	0
7	Trans-scaphoid Perilunate Fracture Dislocation. <i>Archives of Hand and Microsurgery</i> , 2021, 26, 69-81.	0.1	0
8	A genome-engineered bioartificial implant for autoregulated anticytokine drug delivery. <i>Science Advances</i> , 2021, 7, eabj1414.	4.7	23
9	Adipose tissue is a critical regulator of osteoarthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	85
10	Relation between diameter of a lateral screw and pull-out strength in distal clavicle fracture in plates with different geometry: A cadaveric biomechanical study. <i>Journal of Orthopaedic Research</i> , 2021, , .	1.2	0
11	Arthroscopic Revision Rotator Cuff Repair: The Role of Previously Neglected Subscapularis Tears. <i>American Journal of Sports Medicine</i> , 2021, 49, 3952-3958.	1.9	15
12	Clinical Effects of Korean Red Ginseng in Postmenopausal Women With Hand Osteoarthritis: A Double-Blind, Randomized Controlled Trial. <i>Frontiers in Pharmacology</i> , 2021, 12, 745568.	1.6	8
13	Intergenerational Transmission of Diet-Induced Obesity, Metabolic Imbalance, and Osteoarthritis in Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 632-644.	2.9	29
14	<p>Accuracy of Conventional Triplane Measures Compared to 3-D Analysis for Assessment of Cubitus Varus Deformities in Adults</p>. <i>Therapeutics and Clinical Risk Management</i> , 2020, Volume 16, 349-355.	0.9	1
15	Gene therapy for follistatin mitigates systemic metabolic inflammation and post-traumatic arthritis in high-fat diet-induced obesity. <i>Science Advances</i> , 2020, 6, eaaz7492.	4.7	37
16	Headless screw fixation through the dorsal rough surface for proximal-pole scaphoid-nonunion: a report of 15 patients. <i>Journal of Hand Surgery: European Volume</i> , 2020, 45, 965-973.	0.5	2
17	Follistatin Mitigates Myofibroblast Differentiation and Collagen Synthesis of Fibroblasts from Scar Tissue around Injured Flexor Tendons. <i>Yonsei Medical Journal</i> , 2020, 61, 85.	0.9	5
18	Tendon versus Pyrocarbon Interpositional Arthroplasty in the Treatment of Trapeziometacarpal Osteoarthritis. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	10

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19	Arthroscopic Repair of the Isolated Subscapularis Full-Thickness Tear: Single- Versus Double-Row Suture-Bridge Technique. <i>American Journal of Sports Medicine</i> , 2019, 47, 1427-1433.	1.9	45
20	Designer Stem Cells: Genome Engineering and the Next Generation of Cell-Based Therapies. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1287-1293.	1.2	24
21	Intra-articular injection of steroids in the early postoperative period does not have an adverse effect on the clinical outcomes and the re-tear rate after arthroscopic rotator cuff repair. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3912-3919.	2.3	10
22	Attrition of rotator cuff without progression to tears during 2-5 years of conservative treatment for impingement syndrome. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 377-382.	1.3	7
23	A comparative study of the effect of drilling depth on generation of compressive force by headless compression screws using conical and cylindrical type of drill bit. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 5.	0.9	0
24	Genome Engineering for Osteoarthritis: From Designer Cells to Disease-Modifying Drugs. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 335-343.	1.6	18
25	Clinical outcomes of minimally invasive open reduction and internal fixation by screw and washer for displaced greater tuberosity fracture of the humerus. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, e173-e177.	1.2	15
26	Concomitant coracoplasty during arthroscopic subscapularis repair does not yield better clinical outcomes and structural integrity. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 56-62.	2.3	24
27	Arthroscopic Wafer Procedure Versus Ulnar Shortening Osteotomy as a Surgical Treatment for Idiopathic Ulnar Impaction Syndrome. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 421-430.	1.3	24
28	Limited Dorsal Approach for Intra-Articular Distal Radius Fracture Involving the Sigmoid Notch. <i>Archives of Hand and Microsurgery</i> , 2018, 23, 150.	0.1	0
29	Operative Treatment for Extensor Carpi Ulnaris Tendon Dislocation. <i>The Journal of the Korean Orthopaedic Association</i> , 2018, 53, 256.	0.0	2
30	Medial Subluxation or Dislocation of the Biceps on Magnetic Resonance Arthrography Is Reliably Correlated with Concurrent Subscapularis Full-Thickness Tears Confirmed Arthroscopically. <i>BioMed Research International</i> , 2018, 2018, 1-5.	0.9	15
31	Clinical outcomes and structural integrity of C-shaped rotator cuff tears after arthroscopic repair: comparison with crescent-shaped tears. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 154.	0.9	3
32	Retrospective Comparative Outcomes Analysis of Arthroscopic Versus Open Bone Graft and Fixation for Unstable Scaphoid Nonunions. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 2810-2818.	1.3	27
33	Arthroscopic debridement for septic arthritis of the shoulder joint: post-infectious arthritis is an inevitable consequence?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 1257-1263.	1.3	4
34	Operative Treatment for Nonunion of the Distal Scaphoid. <i>Archives of Hand and Microsurgery</i> , 2018, 23, 35.	0.1	0
35	Atypical traumatic anterior shoulder instability with excessive joint laxity: recurrent shoulder subluxation without a history of dislocation. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 80.	0.9	1
36	Morphologic change of nerve and symptom relief are similar after mini-incision and endoscopic carpal tunnel release: a randomized trial. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 65.	0.8	25

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37	Arthroscopic Repair of Anterosuperior Massive Rotator Cuff Tears: Does Repair Integrity Affect Outcomes?. <i>American Journal of Sports Medicine</i> , 2017, 45, 1762-1768.	1.9	31
38	Clavicle hook plate fixation for distal-third clavicle fracture (Neer type II): comparison of clinical and radiologic outcomes between Neer types IIA and IIB. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 1210-1215.	1.2	47
39	Isolated Subscapularis Repair in Irreparable Posterosuperior Massive Rotator Cuff Tears Involving the Subscapularis Tendon. <i>American Journal of Sports Medicine</i> , 2017, 45, 1269-1275.	1.9	14
40	Correlation between change in muscle excursion and collagen content after tendon rupture and delayed repair. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 15.	0.9	9
41	Outcomes of Arthroscopic Decompression of Spinoglenoid Cysts Through a Subacromial Approach. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2017, 33, 62-67.	1.3	7
42	Comparative Outcome Analysis of Arthroscopic-Assisted Versus Open Reduction and Fixation of Trans-scaphoid Perilunate Fracture Dislocations. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2017, 33, 92-100.	1.3	26
43	Relaxin Modulates the Expression of MMPs and TIMPs in Fibroblasts of Patients with Carpal Tunnel Syndrome. <i>Yonsei Medical Journal</i> , 2017, 58, 415.	0.9	8
44	Preservation of Scaphoid in Scaphoid Nonunion Advanced Collapse Stage II and III. <i>The Journal of the Korean Orthopaedic Association</i> , 2016, 51, 125.	0.0	0
45	Factors Influencing Outcomes after Ulnar Nerve Stability-Based Surgery for Cubital Tunnel Syndrome: A Prospective Cohort Study. <i>Yonsei Medical Journal</i> , 2016, 57, 455.	0.9	18
46	Surgical Results of Delaminated Rotator Cuff Repair Using Suture-Bridge Technique With All-Layers or Bursal Layerâ€œOnly Repair. <i>American Journal of Sports Medicine</i> , 2016, 44, 468-473.	1.9	30
47	The Effect of Debridement of Coexisting Partial Ligament Injuries on Outcomes Following Arthroscopic Osteosynthesis for Minimally Displaced Scaphoid Nonunions. <i>Journal of Hand Surgery</i> , 2016, 41, e135-e142.	0.7	5
48	Is Arthroscopic Bone Graft and Fixation for Scaphoid Nonunions Effective?. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 204-212.	0.7	51
49	Olecranon Nonunion after Operative Treatment of Fracture. <i>Journal of the Korean Fracture Society</i> , 2015, 28, 30.	0.1	0
50	Age at First Delivery and Osteoporosis Risk in Korean Postmenopausal Women: The 2008â€œ2011 Korea National Health and Nutrition Examination Survey (KNHANES). <i>PLoS ONE</i> , 2015, 10, e0123665.	1.1	13
51	A central threadless shaft screw is better than a fully threaded variable pitch screw for unstable scaphoid nonunion: A biomechanical study. <i>Injury</i> , 2015, 46, 638-642.	0.7	15
52	Ulnar nerve stability-based surgery for cubital tunnel syndrome via a small incision: a comparison with classic anterior nerve transposition. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 121.	0.9	13
53	Passive Skeletal Muscle Excursion after Tendon Rupture Correlates with Increased Collagen Content in Muscle. <i>Yonsei Medical Journal</i> , 2014, 55, 1395.	0.9	4
54	Extension Type Locked Metacarpophalangeal Joint of the Little Finger due to Hyperextension Injury. <i>The Journal of the Korean Orthopaedic Association</i> , 2014, 49, 405.	0.0	1

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55	Down-regulation of collagen synthesis and matrix metalloproteinase expression in myofibroblasts from Dupuytren nodule using adenovirus-mediated relaxin gene therapy. <i>Journal of Orthopaedic Research</i> , 2014, 32, 515-523.	1.2	20
56	Association between Levels of Serum Ferritin and Bone Mineral Density in Korean Premenopausal and Postmenopausal Women: KNHANES 2008-2010. <i>PLoS ONE</i> , 2014, 9, e114972.	1.1	20
57	Endoscopic Carpal Tunnel Release Is Preferred Over Mini-open Despite Similar Outcome: A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 1548-1554.	0.7	76
58	Coexisting Intraarticular Disorders Are Unrelated To Outcomes After Arthroscopic Resection of Dorsal Wrist Ganglions. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2212-2218.	0.7	15
59	Relationship between Change of Median Nerve Cross-Sectional Area Measured by Ultrasonography and Prognosis after Carpal Tunnel Release. <i>The Journal of the Korean Orthopaedic Association</i> , 2013, 48, 290.	0.0	2
60	Prognostic Factors of the Extension Block Technique for the Bony Mallet Finger. <i>The Journal of the Korean Orthopaedic Association</i> , 2010, 45, 127.	0.0	3
61	Decompression of the ulnar nerve and minimal medial epicondylectomy with a small incision for cubital tunnel syndrome: Comparison with anterior subcutaneous transposition of the nerve. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2010, 63, 1150-1155.	0.5	22
62	Corrective dome osteotomy for cubitus varus and valgus in adults. <i>Journal of Shoulder and Elbow Surgery</i> , 2009, 18, 38-43.	1.2	29
63	Prognostic Factors of Modified Thompson Quadricepsplasty for the Stiff Knee. <i>The Journal of the Korean Orthopaedic Association</i> , 2009, 44, 593.	0.0	0
64	The Proximal Lengthening of Long Flexor Tendon in the Management of Claw Toe Deformities. <i>The Journal of the Korean Orthopaedic Association</i> , 2006, 41, 257.	0.0	0
65	Treatment of Posterior Interosseous Nerve Palsy. <i>The Journal of the Korean Orthopaedic Association</i> , 2004, 39, 198.	0.0	0
66	Learning Curve for the Thoracoscopic Correction of Spinal Deformities. <i>Journal of Korean Society of Spine Surgery</i> , 2003, 10, 261.	0.3	1