

# Alvin Chao-Yu Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

486  
citations

840776

11  
h-index

794594

19  
g-index

69  
all docs

69  
docs citations

69  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arthroscopic diagnosis of long head of biceps tendon instability in refractory anterior shoulder pain: A comparison study between pulley tear and non-tear lesions. <i>Biomedical Journal</i> , 2023, 46, 163-169.	3.1	4
2	Mid- to long-term clinical outcomes of arthroscopic surgery for external snapping hip syndrome. <i>Journal of Hip Preservation Surgery</i> , 2022, 8, 172-176.	1.3	3
3	Clinical and functional outcomes of isolated posterior cruciate ligament reconstruction in patients over the age of 40 years. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 210.	1.9	7
4	Leukocyte-Rich Platelet-Rich Plasma Has Better Stimulating Effects on Tenocyte Proliferation Compared With Leukocyte-Poor Platelet-Rich Plasma. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210847.	1.7	9
5	Functional Outcomes Are Similar After Arthroscopic Capsular Repair of Triangular Fibrocartilage Complex Tears Between Outside-In Technique and All-Inside Technique Using Pre-Tied Suture Device. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 1457-1462.	2.7	4
6	Outcomes of Anterior Cruciate Ligament Reconstruction in Patients Older Than 50 Years and Younger Than 30 Years. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210947.	1.7	4
7	Adhesion of the Long Head of the Biceps Tendon: A Case Series. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e79-e87.	1.7	1
8	All-arthroscopic repair of Atzei class II and III triangular fibrocartilage complex tears using the FasT-Fix suture device. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 210.	2.3	2
9	Anatomic Double-Bundle ACL Reconstruction With Extra-articular Anterolateral Ligament Reconstruction and Internal Brace. <i>Arthroscopy Techniques</i> , 2021, 10, e789-e796.	1.3	3
10	Risk Factor Analysis for Infection after Medial Open Wedge High Tibial Osteotomy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1727.	2.4	7
11	The Novel Membrane-Type Micro-system to Assess the Bonus Effect of Physiological and Physical Stimuli on Bone Regeneration. <i>Biochip Journal</i> , 2021, 15, 243-251.	4.9	4
12	Arthroscopic Superior Capsule Reconstruction Using Autologous Fascia Lata and Biceps Tendon Augmentation. <i>Arthroscopy Techniques</i> , 2021, 10, e1411-e1415.	1.3	6
13	Long-Term Outcomes of Radial Head Arthroplasty in Complex Elbow Fracture Dislocation. <i>Journal of Clinical Medicine</i> , 2021, 10, 3488.	2.4	2
14	Osteogenic Effect of Rabbit Periosteum-derived Precursor Cells Co-induced by Electric Stimulation and Adipose-derived Stem Cells in a 3D Co-culture System. <i>IEEE Open Journal of Nanotechnology</i> , 2021, , 1-1.	2.0	0
15	The Effect of Hyperbaric Oxygen Treatment on Myoblasts and Muscles After Contusion Injury. <i>Journal of Orthopaedic Research</i> , 2020, 38, 329-335.	2.3	8
16	Clinical and Functional Outcomes of Anterior Cruciate Ligament Reconstruction With Autologous Hamstring Tendon in Patients Aged 50 Years or Older. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 558-562.	2.7	37
17	Retrospective cohort study on radial head arthroplasty comparing long-term outcomes between valgus type injury and fracture dislocation. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 763.	1.9	4
18	Surgical management of ulnar styloid fractures: comparison of fixation with anchor suture and tension band wire. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 273.	2.3	3

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19	Proximal tibial morphology and risk of posterior tibial cortex impingement in patients with AA-sized Oxford unicompartmental knee arthroplasty tibial implants. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 380.	2.3	2
20	Osteogenesis and Chondrogenesis of Primary Rabbit Periosteal Cells under Non-uniform 2-Axial Tensile Strain. <i>Biochip Journal</i> , 2020, 14, 438-446.	4.9	9
21	Application of Bone Marrow-Derived Mesenchymal Stem Cells for Muscle Healing After Contusion Injury in Mice. <i>American Journal of Sports Medicine</i> , 2020, 48, 1226-1235.	4.2	23
22	Real-time detection of antibiotics cytotoxicity in rabbit periosteal cells using microfluidic devices with comparison to conventional culture assays. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 339.	1.9	4
23	Intramedullary nailing and plating osteosynthesis in the correction of post-traumatic deformity in late-diagnosed distal radius fractures: a retrospective comparison study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 236.	1.9	1
24	Real-Time Monitoring of Ascorbic Acid-Mediated Reduction of Cytotoxic Effects of Analgesics and NSAIDs on Tenocytes Proliferation. <i>Dose-Response</i> , 2019, 17, 155932581983214.	1.6	10
25	The Susceptibility of Tenocytes from Different Ages of Donors Towards Dexamethasone and Ascorbic Acid can be Screened in a Microfluidic Platform. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4765.	2.5	0
26	Self-Renewal and Differentiation of Adipose-Derived Stem Cells (ADSCs) Stimulated by Multi-Axial Tensile Strain in a Pneumatic Microdevice. <i>Micromachines</i> , 2018, 9, 607.	2.9	5
27	Investigation of Growth Factor and Tenocyte Proliferation Induced by Platelet Rich Plasma (PRP) in a 3-Chamber Co-Culture Device. <i>Micromachines</i> , 2018, 9, 446.	2.9	2
28	Anteromedial fractures of the ulnar coronoid process: correlation between surgical outcomes and radiographic findings. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 248.	1.9	13
29	Early and late fixation of ulnar styloid base fractures yields different outcomes. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 193.	2.3	17
30	Long-term outcomes of modular metal prosthesis replacement in patients with irreparable radial head fractures. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 134.	2.3	19
31	Mid-term survivorship of cruciate-retaining versus posterior-stabilized total knee arthroplasty using modular mini-keel tibial implants. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 35.	2.3	5
32	Investigation of osteogenic activity of primary rabbit periosteal cells stimulated by multi-axial tensile strain. <i>Biomedical Microdevices</i> , 2017, 19, 13.	2.8	5
33	Correlation of parameters on preoperative CT images with intra-articular soft-tissue injuries in acute tibial plateau fractures: A review of 132 patients receiving ARIF. <i>Injury</i> , 2017, 48, 745-750.	1.7	26
34	A modified approach for elbow arthroscopy using an adjustable arm holder. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 20.	2.3	6
35	Intramedullary nailing for correction of post-traumatic deformity in late-diagnosed distal radius fractures. <i>Journal of Orthopaedics and Traumatology</i> , 2017, 18, 37-42.	2.3	9
36	Influence of age, gender, and radiographic features on the deltoid splitting approach for surgical osteosynthesis in displaced proximal humerus fractures: a comparison study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 495.	1.9	5

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37	Comparison between xCELLigence biosensor technology and conventional cell culture system for real-time monitoring human tenocytes proliferation and drugs cytotoxicity screening. Journal of Orthopaedic Surgery and Research, 2017, 12, 149.	2.3	20
38	Results of Arthroscopic Repair of Peripheral Triangular Fibrocartilage Complex Tear With Exploration of Dorsal Sensory Branch of Ulnar Nerve. The Open Orthopaedics Journal, 2017, 11, 525-532.	0.2	9
39	Distal radius fractures: Minimally invasive plate osteosynthesis with dorsal bicolumnar locking plates fixation. Indian Journal of Orthopaedics, 2017, 51, 93-98.	1.1	9
40	Assessment in Orthopedic Training—An Analysis of Rating Consistency by Using an Objective Structured Examination Video. Journal of Surgical Education, 2013, 70, 189-192.	2.5	10
41	Management of late-diagnosed scaphoid fractures. Injury, 2010, 41, e10-e14.	1.7	7
42	Augmentation of osteochondral repair with hyperbaric oxygenation: a rabbit study. Journal of Orthopaedic Surgery and Research, 2010, 5, 91.	2.3	10
43	Arthroscopic Ganglionectomy Through an Intrafocal Cystic Portal for Wrist Ganglia. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 617-622.	2.7	42
44	Short- to medium-term outcomes of radial head replacement arthroplasty in posttraumatic unstable elbows: 20 to 70 months follow-up. Chang Gung Medical Journal, 2010, 33, 668-78.	0.7	24
45	Osteogenesis of Prefabricated Vascularized Periosteal Graft in Rabbits. Journal of Trauma, 2009, 67, 165-167.	2.3	9
46	Scaphoid Nonunion Treated With Vascular Bone Grafts Pedicled on the Dorsal Supra-retinacular Artery of the Distal Radius. Journal of Trauma, 2006, 61, 1192-1197.	2.3	33
47	Arthroscopic Suture Repair of Peripheral Tears of Triangular Fibrocartilage Complex Using a Volar Portal. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2005, 21, 1406.e1-1406.e4.	2.7	16
48	Arthroscopically Assisted Osteosynthesis of Complex Intra-articular Fractures of the Distal Radius. Journal of Trauma, 2002, 53, 354-359.	2.3	28
49	The clinical outcomes of arthroscopic hip labral repair: a comparison between athletes and non-athletes. Journal of Hip Preservation Surgery, 0, , .	1.3	0