

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 Ganglionectomy Through an Intrafocal Cystic Portal for Wrist Ganglia. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010, 26, 617-622.	2.7	42
2	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
3	Scaphoid Nonunion Treated With Vascular Bone Grafts Pedicled on the Dorsal Supra-retinacular Artery of the Distal Radius. <i>Journal of Trauma</i> , 2006, 61, 1192-1197.	2.3	33
4	Arthroscopically Assisted Osteosynthesis of Complex Intra-articular Fractures of the Distal Radius. <i>Journal of Trauma</i> , 2002, 53, 354-359.	2.3	28
5	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
6	Short- to medium-term outcomes of radial head replacement arthroplasty in posttraumatic unstable elbows: 20 to 70 months follow-up. <i>Chang Gung Medical Journal</i> , 2010, 33, 668-78.	0.7	24
7	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
8	Comparison between xCELLigence biosensor technology and conventional cell culture system for real-time monitoring human tenocytes proliferation and drugs cytotoxicity screening. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 149.	2.3	20
9	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
10	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
11	Arthroscopic Suture Repair of Peripheral Tears of Triangular Fibrocartilage Complex Using a Volar Portal. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2005, 21, 1406.e1-1406.e4.	2.7	16
12	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
13	Augmentation of osteochondral repair with hyperbaric oxygenation: a rabbit study. <i>Journal of Orthopaedic Surgery and Research</i> , 2010, 5, 91.	2.3	10
14	Assessment in Orthopedic Training-An Analysis of Rating Consistency by Using an Objective Structured Examination Video. <i>Journal of Surgical Education</i> , 2013, 70, 189-192.	2.5	10
15	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
16	Osteogenesis of Prefabricated Vascularized Periosteal Graft in Rabbits. <i>Journal of Trauma</i> , 2009, 67, 165-167.	2.3	9
17	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
18	Results of Arthroscopic Repair of Peripheral Triangular Fibrocartilage Complex Tear With Exploration of Dorsal Sensory Branch of Ulnar Nerve. <i>The Open Orthopaedics Journal</i> , 2017, 11, 525-532.	0.2	9

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19	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
20	Distal radius fractures: Minimally invasive plate osteosynthesis with dorsal bicolunar locking plates fixation. <i>Indian Journal of Orthopaedics</i> , 2017, 51, 93-98.	1.1	9
21	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
22	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
23	Management of late-diagnosed scaphoid fractures. <i>Injury</i> , 2010, 41, e10-e14.	1.7	7
24	Risk Factor Analysis for Infection after Medial Open Wedge High Tibial Osteotomy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1727.	2.4	7
25	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
26	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
27	Arthroscopic Superior Capsule Reconstruction Using Autologous Fascia Lata and Biceps Tendon Augmentation. <i>Arthroscopy Techniques</i> , 2021, 10, e1411-e1415.	1.3	6
28	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
29	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
30	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
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	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
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Long-Term Outcomes of Radial Head Arthroplasty in Complex Elbow Fracture Dislocation. <i>Journal of Clinical Medicine</i> , 2021, 10, 3488.	2.4	2
45	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
46	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
47	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
48	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
49	The clinical outcomes of arthroscopic hip labral repair: a comparison between athletes and non-athletes. <i>Journal of Hip Preservation Surgery</i> , 0, , .	1.3	0