

Wei-Ren Su

List of Publications by Year in descending order

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96
papers

1,106
citations

471509

17
h-index

501196

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103
all docs

103
docs citations

103
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Anterosuperior Rotator Cuff Tears on Glenohumeral Translation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009, 25, 282-289.	2.7	95
2	The Effect of Coracoacromial Ligament Excision and Acromioplasty on Superior and Anterosuperior Glenohumeral Stability. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009, 25, 13-18.	2.7	62
3	The Effect of Posterosuperior Rotator Cuff Tears and Biceps Loading on Glenohumeral Translation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010, 26, 578-586.	2.7	59
4	The severity of the long head biceps tendinopathy in patients with chronic rotator cuff tears: macroscopic versus microscopic results. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1099-1106.	2.6	56
5	Biomechanical Comparison of All-Suture Anchor Fixation and Interference Screw Technique for Subpectoral Biceps Tenodesis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1247-1252.	2.7	51
6	Intravenous Administration of Tranexamic Acid Significantly Improved Clarity of the Visual Field in Arthroscopic Shoulder Surgery. A Prospective, Double-Blind, and Randomized Controlled Trial. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 640-647.	2.7	50
7	Suture anchor versus screw fixation for greater tuberosity fractures of the humerus—a biomechanical study. <i>Journal of Orthopaedic Research</i> , 2012, 30, 423-428.	2.3	43
8	A simple, modified arthroscopic suture fixation of avulsion fracture of the tibial intercondylar eminence in children. <i>Journal of Pediatric Orthopaedics Part B</i> , 2011, 20, 17-21.	0.6	33
9	The Modified Finger-Trap Suture Technique: A Biomechanical Comparison of a Novel Suture Technique for Graft Fixation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012, 28, 702-710.	2.7	26
10	Inhibition of CD44 induces apoptosis, inflammation, and matrix metalloproteinase expression in tendinopathy. <i>Journal of Biological Chemistry</i> , 2019, 294, 20177-20184.	3.4	25
11	Incidence of recurrence after shoulder dislocation: a nationwide database study. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1519-1525.	2.6	24
12	Effect of the Number of Suture Throws on the Biomechanical Characteristics of the Suture-Tendon Construct. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 1609-1615.	2.7	23
13	Biomechanical Evaluation of a Transtendinous All-Suture Anchor Technique Versus Interference Screw Technique for Supraperacrotal Biceps Tenodesis in a Cadaveric Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1755-1761.	2.7	23
14	Could the Topping-Off Technique Be the Preventive Strategy against Adjacent Segment Disease after Pedicle Screw-Based Fusion in Lumbar Degenerative Diseases? A Systematic Review. <i>BioMed Research International</i> , 2017, 2017, 1-13.	1.9	20
15	Hamstring Graft Preparation Using a Modified Rolling Hitch Technique. <i>Arthroscopy Techniques</i> , 2014, 3, e321-e324.	1.3	19
16	Subpectoral biceps tenodesis: a new technique using an all-suture anchor fixation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 596-599.	4.2	19
17	Biomechanical Study Comparing Biceps Wedge Tenodesis With Other Proximal Long Head of the Biceps Tenodesis Techniques. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 1498-1505.	2.7	18
18	Parallel versus orthogonal plate osteosynthesis of adult distal humerus fractures: a meta-analysis of biomechanical studies. <i>International Orthopaedics</i> , 2019, 43, 449-460.	1.9	18

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19	Modified Superior Capsule Reconstruction Using the Long Head of the Biceps Tendon as Reinforcement to Rotator Cuff Repair Lowers Retear Rate in Large to Massive Reparable Rotator Cuff Tears. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2420-2431.	2.7	18
20	Comparison of clavicular hook plate with and without coracoclavicular suture fixation for acute acromioclavicular joint dislocation. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2019, 53, 408-413.	0.8	17
21	Posterosuperior Displacement Due to Rotator Cuff Tears. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 1472-1477.	2.7	16
22	Evaluation of three-dimensional scapular kinematics and shoulder function in patients with short malunion of clavicle fractures. <i>Journal of Orthopaedic Science</i> , 2016, 21, 739-744.	1.1	16
23	Synovial fluid biomarkers: association with chronic rotator cuff tear severity and pain. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 545-552.	2.6	15
24	Augmentation by cerclage wire improves fixation of vertical shear femoral neck fracturesâ€™ A biomechanical analysis. <i>Injury</i> , 2016, 47, 2081-2086.	1.7	14
25	Treating AO/OTA 44B lateral malleolar fracture in patients over 50â€™years of age: periarticular locking plate versus non-locking plate. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 112.	2.3	14
26	Evaluation of 3 Needleless Grasping Suture Techniques for Soft-Tissue Graft Fixation: A Porcine Biomechanical Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 1151-1155.	2.7	13
27	Do Needleless Knots have Similar Strength as the Krackow Suture? An In Vitro Porcine Tendon Study. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 552-557.	1.5	13
28	A Biomechanical Evaluation of Various Double Krackow Suture Techniques for Soft-Tissue Graft Fixation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 663-668.	2.7	13
29	Patients older than 55 years prefer biceps tenodesis over tenotomy to the same degree as young patients. <i>Journal of Orthopaedic Science</i> , 2020, 25, 416-422.	1.1	13
30	Patients With Diabetes Mellitus Have a Higher Risk of Tendon Retear After Arthroscopic Rotator Cuff Repair: A Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712096140.	1.7	13
31	Effect of shoulder abduction on the fixation of humeral greater tuberosity fractures: a biomechanical study for three types of fixation constructs. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 547-554.	2.6	12
32	Fracture of the inferior pole of the patella: tension band wiring versus transosseous reattachment. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 365.	2.3	12
33	Arthroscopic Transtendinous Biceps Tenodesis With All-Suture Anchor. <i>Arthroscopy Techniques</i> , 2017, 6, e705-e709.	1.3	11
34	Biomechanical properties of off-axis screw in Pauwels III femoral neck fracture fixation: Bicortical screw construct is superior to unicortical screw construct. <i>Injury</i> , 2019, 50, 1889-1894.	1.7	11
35	Different suture anchor fixation techniques affect contact properties in humeral greater tuberosity fracture: a biomechanical study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 26.	1.9	10
36	The effect of coracoacromial ligament excision and acromioplasty on the amount of rotator cuff force production necessary to restore intact glenohumeral biomechanics. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 967-972.	2.6	9

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37	The incidence of occult and missed surgical neck fractures in patients with isolated greater tuberosity fracture of the proximal humerus. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 482.	1.9	9
38	Degradation of elastic fiber and elevated elastase expression in long head of biceps tendinopathy. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1919-1926.	2.3	8
39	Dynamic weight bearing analysis is effective for evaluation of tendinopathy using a customized corridor with multi-directional force sensors in a rat model. <i>Scientific Reports</i> , 2017, 7, 8708.	3.3	8
40	The dangers of hemilithotomy positioning on traction tables: case report of a well-leg drop foot after contralateral femoral nailing. <i>Patient Safety in Surgery</i> , 2015, 9, 18.	2.3	7
41	Longer stitch interval in the Krackow stitch for tendon graft fixation leads to poorer biomechanical property. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901879951.	1.0	7
42	A biomechanical comparison of two screw fixation methods in a Letenneur type I Hoffa fracture. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 497.	1.9	7
43	Neurophysiological and Histopathological Evaluation of Low-Dose Radiation on the Cauda Equina and Postlaminotomy Fibrosis. <i>Spine</i> , 2009, 34, 463-469.	2.0	6
44	An Arthroscopic Technique for Long Head of Biceps Tenodesis With Double Knotless Screw. <i>Arthroscopy Techniques</i> , 2015, 4, e375-e378.	1.3	6
45	Effects of decompression on behavioral, electrophysiologic, and histomorphologic recovery in a chronic sciatic nerve compression model of streptozotocin-induced diabetic rats. <i>Journal of Pain Research</i> , 2017, Volume 10, 643-652.	2.0	6
46	Biomechanical properties of suprapectoral biceps tenodesis: double knotless screw fixation is superior to single knotless screw fixation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 1127-1134.	2.4	6
47	The radiographic morphology of the greater tuberosity is associated with muscle degeneration in patients with symptomatic rotator cuff tears. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1964-1970.	2.6	6
48	Jigless knotless internal brace technique for acute Achilles tendon rupture: a case series study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 415.	2.3	6
49	The Chinese version of the American shoulder and elbow surgeons standardized shoulder assessment form questionnaire, patient self-report section: a cross-cultural adaptation and validation study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 382.	1.9	6
50	Functional Outcomes and Subsequent Surgical Procedures After Arthroscopic Suture Versus Screw Fixation for ACL Tibial Avulsion Fractures: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210859.	1.7	6
51	Lateral Hindfoot Impingement After Nonunion of Fracture of the Lateral Process of the Talus. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 387-390.	1.0	5
52	Effects of nurse-led lower extremity strength training on knee function recovery in patients who underwent total knee replacement. <i>Journal of Clinical Nursing</i> , 2018, 27, 1836-1845.	3.0	5
53	Rapid progression and mortality of necrotizing fasciitis caused by <i>Aeromonas hydrophila</i> in a patient with type I open tibial fracture. <i>Kaohsiung Journal of Medical Sciences</i> , 2018, 34, 307-309.	1.9	5
54	Superior biomechanical properties and tying time with the modified Prusik knot and Wittstein suture loop to the Krackow stitch. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 237-244.	2.4	5

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55	The effect of humeral-fenestration diameter in Outerbridge“Kashiwagi arthroplasty on failure load of the distal humerus: a cadaveric biomechanical study. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 623-628.	2.4	4
56	When deadman theory meets footprint decortication: a suture anchor biomechanical study. Journal of Orthopaedic Surgery and Research, 2019, 14, 157.	2.3	4
57	Adult patients with ACL tears have greater tibial internal rotation in MRI compared to adolescent patients. Journal of Orthopaedic Surgery and Research, 2022, 17, 17.	2.3	4
58	Does Weaver“Dunn procedure have a role in chronic acromioclavicular dislocations? A meta-analysis. Journal of Orthopaedic Surgery and Research, 2022, 17, 95.	2.3	4
59	Owen, Sugaya, and Hayashida Classifications Give Poor Intra- and Inter-Rater Agreement on a Magnetic Resonance Imaging Evaluation of Subscapularis Tendon Retears. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1796-1801.	2.7	4
60	The lateral femoral notch sign and coronal lateral collateral ligament sign in magnetic resonance imaging failed to predict dynamic anterior tibial laxity. BMC Musculoskeletal Disorders, 2022, 23, 402.	1.9	4
61	Arthroscopically assisted percutaneous fixation of displaced midclavicular fracture using a Knowles pin. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 431-434.	4.2	3
62	The relationship of the anterior articular capsule to the adjacent subscapularis: An anatomic and histological study. Orthopaedics and Traumatology: Surgery and Research, 2017, 103, 1265-1269.	2.0	3
63	Interlocking nailing of femoral shaft fractures with an extremely narrow medullary canal is associated with iatrogenic fractures. Injury, 2019, 50, 2306-2311.	1.7	3
64	Comparison of changes in shoulder functions between biceps tenotomy and tenodesis in an animal model. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2019, 15, 17-22.	1.0	3
65	The Biomechanical Properties of a High-Tensile Strength Tape for Tendon Graft Fixation Using the Krackow Configuration. Arthroscopy, Sports Medicine, and Rehabilitation, 2020, 2, e347-e351.	1.7	3
66	The Double Krackow Suture Technique Does Not Offer a Significant Benefit Compared to the Krackow Suture Technique in Subpectoral Biceps Tenodesis Using a Double-Loaded Suture Anchor. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 701-707.	2.7	3
67	Augmented cerclage wire improves the fixation strength of a two-screw construct for humerus split type greater tuberosity fracture: a biomechanical study. BMC Musculoskeletal Disorders, 2021, 22, 350.	1.9	3
68	Jigless knotless internal brace versus other open Achilles tendon repairs using a progressive rehabilitation protocol: a biomechanical study. BMC Musculoskeletal Disorders, 2021, 22, 908.	1.9	3
69	Biomechanical Comparisons of Hook Plate and Screw Fixations in Split-type Greater Tuberosity Fractures of the Humerus. Journal of Shoulder and Elbow Surgery, 2022, , .	2.6	3
70	Editorial Commentary: All-Suture Anchor for Shoulder Biceps Tenodesis Results in Excellent Outcomes. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 735-736.	2.7	3
71	The coronal lateral collateral ligament sign in the anterior cruciate ligament-injured knees was observed regardless of the knee laxity based on the quantitative measurements. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 3508-3514.	4.2	3
72	Technique using the modified rolling hitch for split peroneus brevis tendon transfer in lateral ankle stabilization. Foot and Ankle Surgery, 2017, 23, e35-e37.	1.7	2

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73	Sham surgery versus labral repair or biceps tenodesis for type II SLAP lesions of the shoulder: a three-armed randomised clinical trial. <i>British Journal of Sports Medicine</i> , 2017, 51, 1780-1780.	6.7	2
74	Tension wiring to increase stability of conventional plating for proximal humeral fractures: An alternative to a locking plate. <i>Tzu Chi Medical Journal</i> , 2017, 29, 37.	1.1	2
75	Wound drainage after proximal femoral nail antirotation (PFNA) fixation may negatively affect the patients with intertrochanteric fractures: A prospective randomized controlled trial. <i>Injury</i> , 2021, 52, 575-581.	1.7	2
76	Role of open cerclage wiring in patients with comminuted fractures of the femoral shaft treated with intramedullary nails. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 480.	2.3	2
77	Knots Tied With High-Tensile Strength Tape Biomechanically Outperform Knots Tied With Round Suture. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110395.	1.7	2
78	Treatment of a rotator cuff tear combined with iatrogenic glenoid fracture and shoulder instability: A rare case report. <i>World Journal of Orthopedics</i> , 2020, 11, 516-522.	1.8	2
79	Biomechanical comparison between various screw fixation angles for Latarjet procedure: a cadaveric biomechanical study. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 1947-1956.	2.6	2
80	Using Interconnected Knotless Anchor for Suprascapular Biceps Tenodesis Could Offer Improved Biomechanical Properties in a Cadaveric Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2047-2054.	2.7	1
81	Does using high-tensile strength tape improve the fixation strength in tendon graft fixation with needleless suture wrapping techniques compared to a suture?. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902097186.	1.0	1
82	Does posterior configuration have similar strength as parallel configuration for treating comminuted distal humerus fractures? A cadaveric biomechanical study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 440.	1.9	1
83	Flip lid-type of lateral tibia plateau fracture with a meniscus radial tear: A case report. <i>Trauma Case Reports</i> , 2021, 34, 100496.	0.4	1
84	Radiographic greater tuberosity spurs and narrow acromiohumeral intervals are associated with advanced retraction of the supraspinatus tendon in patients with symptomatic rotator cuff tears. <i>JSES International</i> , 2021, 5, 77-82.	1.6	1
85	Irreducible Elbow Dislocation Associated with Hill-Sachs-like Lesion over the Capitellum. <i>Clinics in Shoulder and Elbow</i> , 2019, 22, 37-39.	2.0	1
86	The effect of hole size on failure loads of the distal humerus fenestration in Outerbridge-Kashiwagi arthroplasty: A biomechanical study. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2020, 54, 305-310.	0.8	1
87	A rare complication of ipsilateral femoral neck fracture after removal of the long Gamma nail in a healed intertrochanteric fracture. <i>Tzu Chi Medical Journal</i> , 2020, 32, 88.	1.1	1
88	High-Tensile Strength Tapes Show Greater Ultimate Failure Load and Less Stiffness Than High-Tensile Strength Sutures in a Subscapular Biceps Tenodesis Porcine Model. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2020, 2, e795-e801.	1.7	1
89	Comments on article by Tsvieli et al.: manipulation under anaesthetic for frozen shoulder using Codman's paradox: a safe and early return of function. <i>International Orthopaedics</i> , 2018, 42, 973-974.	1.9	0
90	Comparative Efficacy of Intra-Articular Steroid Injection and Distension in Patients With Frozen Shoulder: A Systematic Review and Network Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 409.	0.9	0

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91	Response to comments on “Interlocking nailing of femoral shaft fractures with an extremely narrow medullary canal is associated with iatrogenic fractures.” Injury, 2020, 51, 2337-2338.	1.7	0
92	Isolated palmar dislocation of the trapezoid associated with distal radius fracture in a patient with major trauma: A case report and literature review. Trauma Case Reports, 2021, 32, 100403.	0.4	0
93	Comparison of Biomechanical Failure Loads Between Tape-Type and Conventional Sutures in Internal Knotless Anchor-Based Constructs. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712110725.	1.7	0
94	Association Between Medial Displacement of the Middle Glenohumeral Ligament and Subscapularis Tear Severity. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712210835.	1.7	0
95	Double-layered reconstruction of the posterior capsule in a recalcitrant Baker's cyst: A case report. Journal of Orthopaedic Science, 2024, 29, 390-393.	1.1	0
96	The characteristics and influence of iatrogenic fracture comminution following antegrade interlocking nailing for simple femoral shaft fractures, a retrospective cohort study. BMC Musculoskeletal Disorders, 2022, 23, 456.	1.9	0