

Taku Hatta

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6276684/taku-hatta-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

5,160
citations

34
h-index

71
g-index

103
ext. papers

6,082
ext. citations

3.4
avg, IF

5.39
L-index

#	Paper	IF	Citations
102	The effect of a glenoid defect on anteroinferior stability of the shoulder after Bankart repair: a cadaveric study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2000 , 82, 35-46	5.6	621
101	Contact between the glenoid and the humeral head in abduction, external rotation, and horizontal extension: a new concept of glenoid track. <i>Journal of Shoulder and Elbow Surgery</i> , 2007 , 16, 649-56	4.3	424
100	Evolving concept of bipolar bone loss and the Hill-Sachs lesion: from "engaging/non-engaging" lesion to "on-track/off-track" lesion. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014 , 30, 90-8	5.4	363
99	Prevalence of symptomatic and asymptomatic rotator cuff tears in the general population: From mass-screening in one village. <i>Journal of Orthopaedics</i> , 2013 , 10, 8-12	1.6	238
98	Stabilising function of the biceps in stable and unstable shoulders. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1993 , 75, 546-50		227
97	Tensile properties of the supraspinatus tendon. <i>Journal of Orthopaedic Research</i> , 1995 , 13, 578-84	3.8	194
96	Location of the glenoid defect in shoulders with recurrent anterior dislocation. <i>American Journal of Sports Medicine</i> , 2005 , 33, 889-93	6.8	184
95	A new method of immobilization after traumatic anterior dislocation of the shoulder: a preliminary study. <i>Journal of Shoulder and Elbow Surgery</i> , 2003 , 12, 413-5	4.3	183
94	Position of immobilization after dislocation of the glenohumeral joint. A study with use of magnetic resonance imaging. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001 , 83, 661-7	5.6	176
93	Stabilizing mechanism in bone-grafting of a large glenoid defect. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010 , 92, 2059-66	5.6	166
92	Contact area, contact pressure, and pressure patterns of the tendon-bone interface after rotator cuff repair. <i>American Journal of Sports Medicine</i> , 2005 , 33, 1869-74	6.8	154
91	Immobilization in external rotation after shoulder dislocation reduces the risk of recurrence. A randomized controlled trial. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 2124-31	5.6	149
90	Why is the humeral retroversion of throwing athletes greater in dominant shoulders than in nondominant shoulders?. <i>Journal of Shoulder and Elbow Surgery</i> , 2006 , 15, 571-5	4.3	101
89	Dynamic anterior stabilisers of the shoulder with the arm in abduction. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1994 , 76-B, 834-836		83
88	Shoulder Stiffness: Current Concepts and Concerns. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016 , 32, 1402-14	5.4	78
87	Measurement of the Glenoid Track In Vivo as Investigated by 3-Dimensional Motion Analysis Using Open MRI. <i>American Journal of Sports Medicine</i> , 2014 , 42, 1290-5	6.8	77
86	Isokinetic strength after tears of the supraspinatus tendon. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1997 , 79, 77-82		77

85	Are pain location and physical examinations useful in locating a tear site of the rotator cuff?. <i>American Journal of Sports Medicine</i> , 2006 , 34, 256-64	6.8	75
84	Position of Immobilization After Dislocation of the Shoulder. A Cadaveric Study*. <i>Journal of Bone and Joint Surgery - Series A</i> , 1999 , 81, 385-90	5.6	71
83	Intramuscular malignant granular cell tumor. <i>Skeletal Radiology</i> , 1997 , 26, 116-21	2.7	66
82	Quantitative assessment of rotator cuff muscle elasticity: Reliability and feasibility of shear wave elastography. <i>Journal of Biomechanics</i> , 2015 , 48, 3853-8	2.9	63
81	Ultrasound elastography-based assessment of the elasticity of the supraspinatus muscle and tendon during muscle contraction. <i>Journal of Shoulder and Elbow Surgery</i> , 2015 , 24, 120-6	4.3	58
80	Coexistence of fibrotic and chondrogenic process in the capsule of idiopathic frozen shoulders. <i>Osteoarthritis and Cartilage</i> , 2012 , 20, 241-9	6.2	47
79	Feasibility assessment of shear wave elastography to rotator cuff muscle. <i>Clinical Anatomy</i> , 2015 , 28, 213-8	2.5	47
78	Glenoid bone grafting in primary reverse total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 1441-1447	4.3	46
77	Stabilizing function of the long head of the biceps in the hanging arm position. <i>Journal of Shoulder and Elbow Surgery</i> , 1994 , 3, 135-42	4.3	45
76	On-track and off-track shoulder lesions. <i>EFORT Open Reviews</i> , 2017 , 2, 343-351	5.5	41
75	Effect of rotator interval closure on glenohumeral stability and motion: a cadaveric study. <i>Journal of Shoulder and Elbow Surgery</i> , 2006 , 15, 750-8	4.3	41
74	Effect of smoking on complications following primary shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 1-6	4.3	38
73	Glenohumeral joint motion after medial shift of the attachment site of the supraspinatus tendon: a cadaveric study. <i>Journal of Shoulder and Elbow Surgery</i> , 2007 , 16, 373-8	4.3	38
72	Rotator cuff tears in anterior dislocation of the shoulder. <i>International Orthopaedics</i> , 1992 , 16, 240-4	3.8	38
71	Critical shoulder angle in an East Asian population: correlation to the incidence of rotator cuff tear and glenohumeral osteoarthritis. <i>Journal of Shoulder and Elbow Surgery</i> , 2018 , 27, 1602-1606	4.3	38
70	Conservative treatment of rotator cuff tears. <i>Clinical Orthopaedics and Related Research</i> , 1992 , 165-73	2.2	37
69	Identification of prognostic factors for the nonoperative treatment of stiff shoulder. <i>International Orthopaedics</i> , 2013 , 37, 859-64	3.8	35
68	Contribution of oxidative stress to the degeneration of rotator cuff entheses. <i>Journal of Shoulder and Elbow Surgery</i> , 2014 , 23, 628-35	4.3	34

67	Function of the shoulder muscles during arm elevation: an assessment using positron emission tomography. <i>Journal of Anatomy</i> , 2010 , 216, 643-9	2.9	30
66	Capsular properties of the shoulder. <i>Tohoku Journal of Experimental Medicine</i> , 1993 , 171, 203-10	2.4	30
65	Complex shoulder disorders: evaluation and treatment. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2009 , 17, 125-36	4.5	30
64	The depressor function of biceps on the head of the humerus in shoulders with tears of the rotator cuff. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2000 , 82-B, 416-419		28
63	Attachment of the anteroinferior glenohumeral ligament-labrum complex to the glenoid: an anatomic study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012 , 28, 1628-33	5.4	27
62	Impingement mechanisms of the Neer and Hawkins signs. <i>Journal of Shoulder and Elbow Surgery</i> , 2009 , 18, 942-7	4.3	26
61	Electromyographic activities of the biceps during arm elevation in shoulders with rotator cuff tears. <i>Acta Orthopaedica</i> , 1998 , 69, 575-9		26
60	Malrotation of the humeral component of the capitellocondylar total elbow replacement is not the sole cause of dislocation. <i>Journal of Orthopaedic Research</i> , 1994 , 12, 665-71	3.8	24
59	Noninvasive assessment of the activity of the shoulder girdle muscles using ultrasound real-time tissue elastography. <i>Journal of Electromyography and Kinesiology</i> , 2015 , 25, 723-30	2.5	23
58	Incomplete rotator cuff tears. Results of operative treatment. <i>Clinical Orthopaedics and Related Research</i> , 1992 , 128-35	2.2	23
57	Arthroscopic Coracohumeral Ligament Release for Patients With Frozen Shoulder. <i>Arthroscopy Techniques</i> , 2018 , 7, e1-e5	1.7	22
56	Skin temperature of the shoulder: circadian rhythms in normal and pathologic shoulders. <i>Journal of Shoulder and Elbow Surgery</i> , 1998 , 7, 625-8	4.3	20
55	Range of motion and arthrography in the frozen shoulder. <i>Journal of Shoulder and Elbow Surgery</i> , 1992 , 1, 106-12	4.3	20
54	Rotator cuff tears in the adolescent. <i>Orthopedics</i> , 1993 , 16, 78-81	1.5	20
53	Novel engineered tendon-fibrocartilage-bone composite with cyclic tension for rotator cuff repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, 1690-1701	4.4	20
52	Pathophysiology and treatment of atraumatic instability of the shoulder. <i>Journal of Orthopaedic Science</i> , 2004 , 9, 208-13	1.6	19
51	Position of immobilization after dislocation of the shoulder. A cadaveric study. <i>Journal of Bone and Joint Surgery - Series A</i> , 1999 , 81, 385-90	5.6	19
50	Stress distribution inside bone after suture anchor insertion: simulation using a three-dimensional finite element method. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013 , 21, 1777-82	5.5	18

49	In vivo measurement of rotator cuff tendon strain with ultrasound elastography: an investigation using a porcine model. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 1641-6	2.9	17
48	Is protecting the healing ligament beneficial after immobilization in external rotation for an initial shoulder dislocation?. <i>American Journal of Sports Medicine</i> , 2013 , 41, 1126-32	6.8	17
47	Dynamic anterior stabilisers of the shoulder with the arm in abduction. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1994 , 76, 834-6		17
46	Arm Abduction Provides a Better Reduction of the Bankart Lesion During Immobilization in External Rotation After an Initial Shoulder Dislocation. <i>American Journal of Sports Medicine</i> , 2015 , 43, 1731-6	6.8	16
45	Late bedtimes, short sleeping time, and longtime video-game playing are associated with low back pain in school-aged athletes. <i>European Spine Journal</i> , 2018 , 27, 1112-1118	2.7	16
44	Extensibility of the supraspinatus muscle can be predicted by combining shear wave elastography and magnetic resonance imaging-measured quantitative metrics of stiffness and volumetric fat infiltration: A cadaveric study. <i>Clinical Biomechanics</i> , 2018 , 57, 144-149	2.2	16
43	Quantifying extensibility of rotator cuff muscle with tendon rupture using shear wave elastography: A cadaveric study. <i>Journal of Biomechanics</i> , 2017 , 61, 131-136	2.9	16
42	Quantified Mechanical Properties of the Deltoid Muscle Using the Shear Wave Elastography: Potential Implications for Reverse Shoulder Arthroplasty. <i>PLoS ONE</i> , 2016 , 11, e0155102	3.7	16
41	Restriction in the hip internal rotation of the stride leg is associated with elbow and shoulder pain in elite young baseball players. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 139-145	4.3	16
40	Nicotine reduced MMP-9 expression in the primary porcine tenocytes exposed to cyclic stretch. <i>Journal of Orthopaedic Research</i> , 2013 , 31, 645-50	3.8	15
39	Long-term effects of withdrawal of bisphosphonate incadronate disodium (YM175) on bone mineral density, mass, structure, and turnover in the lumbar vertebrae of ovariectomized rats. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 541-9	6.3	15
38	Comparison of Passive Stiffness Changes in the Supraspinatus Muscle After Double-Row and Knotless Transosseous-Equivalent Rotator Cuff Repair Techniques: A Cadaveric Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016 , 32, 1973-1981	5.4	15
37	Differences in humeral retroversion in dominant and nondominant sides of young baseball players. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 1083-1087	4.3	14
36	Effects of biceps loading and arm rotation on the superior labrum in the cadaveric shoulder. <i>Tohoku Journal of Experimental Medicine</i> , 2000 , 190, 261-9	2.4	14
35	Total knee arthroplasty in bilateral congenital dislocation of the patella--a case report. <i>Acta Orthopaedica</i> , 2001 , 72, 422-4		14
34	Biomechanical Effect of Margin Convergence Techniques: Quantitative Assessment of Supraspinatus Muscle Stiffness. <i>PLoS ONE</i> , 2016 , 11, e0162110	3.7	12
33	Comparative proteome analysis of the capsule from patients with frozen shoulder. <i>Journal of Shoulder and Elbow Surgery</i> , 2018 , 27, 1770-1778	4.3	12
32	Minimum Distance of Suture Anchors Used for Rotator Cuff Repair Without Decreasing the Pullout Strength: A Biomechanical Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018 , 34, 377-385	5.4	11

31	Comparative study of treatment for distal radius fractures with two different palmar locking plates. <i>Journal of Hand Surgery: European Volume</i> , 2016 , 41, 536-42	1.4	10
30	RAGE-dependent NF-kB inflammation processes in the capsule of frozen shoulders. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 1884-1891	4.3	9
29	A biomechanical study on suture anchor insertion angle: Which is better, 90° or 45°. <i>Journal of Orthopaedic Science</i> , 2017 , 22, 56-62	1.6	8
28	Shoulder crane: a concept of suspension, stability, control and motion. <i>Journal of ISAKOS</i> , 2019 , 4, 63-70	1.1	7
27	In Vivo Glenoid Track Width Can Be Better Predicted With the Use of Shoulder Horizontal Extension Angle. <i>American Journal of Sports Medicine</i> , 2019 , 47, 922-927	6.8	7
26	Comparison of fixation properties between coil-type and screw-type anchors for rotator cuff repair: A virtual pullout testing using 3-dimensional finite element method. <i>Journal of Orthopaedic Science</i> , 2016 , 21, 452-457	1.6	7
25	Transosseous-equivalent repair with and without medial row suture tying: a cadaveric study of infraspinatus tendon strain measurement. <i>JSES Open Access</i> , 2017 , 1, 104-108	3.2	7
24	Rotator cuff repair with a novel mesh suture: An ex vivo assessment of mechanical properties. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 987-992	3.8	7
23	Effects of joint capsular release on range of motion in patients with frozen shoulder. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 1836-1842	4.3	7
22	Enhancing percutaneous pedicle screw fixation with hydroxyapatite granules: A biomechanical study using an osteoporotic bone model. <i>PLoS ONE</i> , 2019 , 14, e0223106	3.7	6
21	The relationship between the glenoid track and the range of shoulder motion: A cadaver study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018 , 104, 793-796	2.9	6
20	Excessive game playing is associated with musculoskeletal pain among youth athletes: a cross-sectional study in Miyagi prefecture. <i>Journal of Sports Sciences</i> , 2018 , 36, 1801-1807	3.6	5
19	Playing video games for more than 3 hours a day is associated with shoulder and elbow pain in elite young male baseball players. <i>Journal of Shoulder and Elbow Surgery</i> , 2018 , 27, 1629-1635	4.3	5
18	Arthroscopic Excision of Intra-Articular Osteoid Osteoma at the Elbow. <i>Case Reports in Orthopedics</i> , 2019 , 2019, 8505382	0.4	4
17	MOMENT ARMS OF THE ARM MUSCLES AT THE GLENOHUMERAL JOINT USING THE TENDON EXCURSION METHOD. <i>Journal of Musculoskeletal Research</i> , 2008 , 11, 45-53	0.1	4
16	Shoulder arthroplasty in patients with immunosuppression following solid organ transplantation. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 44-49	4.3	4
15	Association between acromioclavicular joint pain and capsular bulging in adolescent baseball players. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016 , 24, 3750-3755	5.5	2
14	Intra-articular membranous interposition detected by MRI in developmental dysplasia of the hip. <i>Skeletal Radiology</i> , 2000 , 29, 726-8	2.7	2

13	The effect of subscapularis muscle contraction on coaptation of anteroinferior glenohumeral ligament-labrum complex after Bankart repair. <i>Journal of Biomechanics</i> , 2019 , 85, 134-140	2.9	1
12	Does glenoid remodeling occur with an erosion-type bone loss after arthroscopic Bankart repair?. <i>JSES International</i> , 2020 , 4, 814-817	1.2	1
11	Contrast-enhanced Magnetic Resonance Imaging Revealing the Joint Capsule Pathology of a Refractory Frozen Shoulder. <i>The Open Orthopaedics Journal</i> , 2020 , 14, 39-45	0.3	1
10	Stiffness of the infraspinatus and the teres minor muscles during shoulder external rotation: An in-vitro and in-vivo shear wave elastography study. <i>Clinical Biomechanics</i> , 2021 , 85, 105328	2.2	1
9	Three-dimensional quantitative measurements of atrophy and fat infiltration in sub-regions of the supraspinatus muscle show heterogeneous distributions: a cadaveric study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 1	3.6	1
8	Efficacy of collagenase Clostridium histolyticum injection for Dupuytren's contracture in East-Asian population. <i>Journal of Orthopaedic Science</i> , 2019 , 24, 431-433	1.6	0
7	Anchor placement to glenoid rim during Bankart repair recreates contact area of anterior capsulolabral complex on glenoid better than onto articular surface. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020 , 30, 1257-1262	2.2	
6	Malrotation of the humeral component of the capitellocondylar total elbow replacement is not the sole cause of dislocation. <i>Journal of Orthopaedic Research</i> , 1995 , 13, 470-1	3.8	
5	Biomechanics of Failed Rotator Cuff Repair: How to Optimize Anchor and Suture Placement 2021 , 65-71		
4	Treatment and Rehabilitation of Rotator Cuff Tears. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2019 , 56, 650-655	0	
3	Downsizing effect of a modular radial head prosthesis on the lateral collateral ligament of the elbow: A cadaveric study. <i>Clinical Biomechanics</i> , 2020 , 80, 105140	2.2	
2	Ligament Reconstruction for Recurrent Anterior Dislocation of the Radial Head. <i>Case Reports in Orthopedics</i> , 2019 , 2019, 6067312	0.4	
1	Migration of inferior vena cava filter during the surgery of tibial shaft fracture: A case report. <i>Journal of Orthopaedic Science</i> , 2020 , 25, 911-914	1.6	