Eiji Itoi

List of Publications by Year in descending order

77 papers	5,635 citations	186265 28 h-index	82547 72 g-index
77 all docs	77 docs citations	77 times ranked	2870 citing authors

#	Article	IF	Citations
1	The Effect of a Glenoid Defect on Anteroinferior Stability of the Shoulder After Bankart Repair: A Cadaveric Study*. Journal of Bone and Joint Surgery - Series A, 2000, 82, 35-46.	3.0	781
2	Contact between the glenoid and the humeral head in abduction, external rotation, and horizontal extension: A new concept of glenoid track. Journal of Shoulder and Elbow Surgery, 2007, 16, 649-656.	2.6	572
3	Evolving Concept of Bipolar Bone Loss and the Hill-Sachs Lesion: From â€œEngaging/Non-Engagingâ€• Lesion to â€œOn-Track/Off-Trackâ€•Lesion. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 90-98.	2.7	519
4	Prevalence of symptomatic and asymptomatic rotator cuff tears in the general population: From mass-screening in one village. Journal of Orthopaedics, 2013, 10, 8-12.	1.3	377
5	Effect of an Anterior Glenoid Defect on Anterior Shoulder Stability. American Journal of Sports Medicine, 2009, 37, 949-954.	4.2	286
6	The Stabilizing Mechanism of the Latarjet Procedure. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1390-1397.	3.0	234
7	A new method of immobilization after traumatic anterior dislocation of the shoulder: a preliminary study. Journal of Shoulder and Elbow Surgery, 2003, 12, 413-415.	2.6	222
8	Position of Immobilization After Dislocation of the Glenohumeral Joint. Journal of Bone and Joint Surgery - Series A, 2001, 83, 661-667.	3.0	215
9	Location of the Glenoid Defect in Shoulders with Recurrent Anterior Dislocation. American Journal of Sports Medicine, 2005, 33, 889-893.	4.2	214
10	Stabilizing Mechanism in Bone-Grafting of a Large Glenoid Defect. Journal of Bone and Joint Surgery - Series A, 2010, 92, 2059-2066.	3.0	210
11	The bone tissue compatibility of a new Tiâ€“Nbâ€“Sn alloy with a low Youngâ€™s modulus. Acta Biomaterialia, 2011, 7, 2320-2326.	8.3	195
12	Shoulder Stiffness: Current Concepts and Concerns. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2016, 32, 1402-1414.	2.7	191
13	Immobilization in External Rotation After Shoulder Dislocation Reduces the Risk of Recurrence. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2124-2131.	3.0	135
14	The prevalence of a large Hill-Sachs lesion that needs toÂbe treated. Journal of Shoulder and Elbow Surgery, 2013, 22, 1285-1289.	2.6	125
15	Effect of partial hydrolysis of octacalcium phosphate on its osteoconductive characteristics. Biomaterials, 2009, 30, 1005-1014.	11.4	120
16	Position of Immobilization After Dislocation of the Shoulder. A Cadaveric Study*. Journal of Bone and Joint Surgery - Series A, 1999, 81, 385-90.	3.0	94
17	Changes of articular cartilage after immobilization in a rat knee contracture model. Journal of Orthopaedic Research, 2009, 27, 236-242.	2.3	90
18	Ultrasound elastographyâ€“based assessment of the elasticity of the supraspinatus muscle and tendon during muscle contraction. Journal of Shoulder and Elbow Surgery, 2015, 24, 120-126.	2.6	71

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19	Peripheral-Track and Central-Track Hill-Sachs Lesions: A New Concept of Assessing an On-Track Lesion. American Journal of Sports Medicine, 2020, 48, 33-38.	4.2	62
20	Anterior Shoulder Instability Part Iâ€"Diagnosis, Nonoperative Management, and Bankart Repairâ€"An International Consensus Statement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 214-223.e7.	2.7	50
21	Effect of addition of hyaluronic acids on the osteoconductivity and biodegradability of synthetic octacalcium phosphate. Acta Biomaterialia, 2014, 10, 531-543.	8.3	49
22	Anterior Shoulder Instability Part IIâ€"Latarjet, Remplissage, and Glenoid Bone-Graftingâ€"An International Consensus Statement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 224-233.e6.	2.7	45
23	Identification of prognostic factors for the nonoperative treatment of stiff shoulder. International Orthopaedics, 2013, 37, 859-864.	1.9	43
24	Changes in stiffness of the dorsal scapular muscles before and after computer work: a comparison between individuals with and without neck and shoulder complaints. European Journal of Applied Physiology, 2017, 117, 179-187.	2.5	41
25	Clinical features and radiological findings of 67 patients with SAPHO syndrome. Modern Rheumatology, 2018, 28, 703-708.	1.8	34
26	Noninvasive assessment of the activity of the shoulder girdle muscles using ultrasound real-time tissue elastography. Journal of Electromyography and Kinesiology, 2015, 25, 723-730.	1.7	32
27	Arthroscopic Coracohumeral Ligament Release for Patients With Frozen Shoulder. Arthroscopy Techniques, 2018, 7, e1-e5.	1.3	31
28	Differences in muscle activities during shoulder elevation in patients with symptomatic and asymptomatic rotator cuff tears: analysis by positron emission tomography. Journal of Shoulder and Elbow Surgery, 2014, 23, e61-e67.	2.6	30
29	Anterior Shoulder Instability Part IIIâ€"Revision Surgery, Rehabilitation and Return to Play, and Clinical Follow-Upâ€"An International Consensus Statement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 234-242.e6.	2.7	25
30	Decreased elastic fibers and increased proteoglycans in the ligamentum flavum of patients with lumbar spinal canal stenosis. Journal of Orthopaedic Research, 2016, 34, 1241-1247.	2.3	24
31	Apatite Formation and Biocompatibility of a Low Youngâ€™s Modulus Ti-Nb-Sn Alloy Treated with Anodic Oxidation and Hot Water. PLoS ONE, 2016, 11, e0150081.	2.5	23
32	Improved Osseointegration of a TiNbSn Alloy with a Low Youngâ€™s Modulus Treated with Anodic Oxidation. Scientific Reports, 2019, 9, 13985.	3.3	23
33	Impact of simultaneous hydrolysis of OCP and PLGA on bone induction of a PLGA-OCP composite scaffold in a rat femoral defect. Acta Biomaterialia, 2021, 124, 358-373.	8.3	23
34	Joint haemorrhage partly accelerated immobilization-induced synovial adhesions and capsular shortening in rats. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 2874-2883.	4.2	21
35	Arm Abduction Provides a Better Reduction of the Bankart Lesion During Immobilization in External Rotation After an Initial Shoulder Dislocation. American Journal of Sports Medicine, 2015, 43, 1731-1736.	4.2	21
36	Effects of intra-articular steroid injection before pan-capsular release in patients with refractory frozen shoulder. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 1536-1541.	4.2	21

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37	Effects of Arthroscopic Coracohumeral Ligament Release on Range of Motion for Patients with Frozen Shoulder. The Open Orthopaedics Journal, 2018, 12, 373-379.	0.2	21
38	RAGE-dependent NF-kB inflammation processes in the capsule of frozen shoulders. Journal of Shoulder and Elbow Surgery, 2020, 29, 1884-1891.	2.6	20
39	Correlations of coracohumeral ligament and range of motion restriction in patients with recurrent anterior glenohumeral instability evaluated by magnetic resonance arthrography. Journal of Shoulder and Elbow Surgery, 2017, 26, 233-240.	2.6	19
40	Comparative proteome analysis of the capsule from patients with frozen shoulder. Journal of Shoulder and Elbow Surgery, 2018, 27, 1770-1778.	2.6	18
41	Postoperative Changes in Presepsin Level and Values Predictive of Surgical Site Infection After Spinal Surgery. Spine, 2018, 43, 578-584.	2.0	17
42	Effects of intramedullary nails composed of a new Î²â€‘type Tiâ€Nbâ€Sn alloy with low Young's modulus on fracture healing in mouse tibiae. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2841-2848.	3.4	16
43	Comparison of best-fit circle versus contralateral comparison methods to quantify glenoid bone defect. Journal of Shoulder and Elbow Surgery, 2020, 29, 502-507.	2.6	16
44	STIMULATORY CAPACITY OF AN OCTACALCIUM PHOSPHATE/GELATIN COMPOSITE ON BONE REGENERATION IN A RABBIT TIBIA DEFECT MODEL. Phosphorus Research Bulletin, 2012, 26, 53-58.	0.6	15
45	Mechanism and patterns of bone loss in patients with anterior shoulder dislocation. Journal of Shoulder and Elbow Surgery, 2020, 29, 1974-1980.	2.6	15
46	Skeletal muscle-specific Keap1 disruption modulates fatty acid utilization and enhances exercise capacity in female mice. Redox Biology, 2021, 43, 101966.	9.0	15
47	Effects of joint capsular release on range of motion in patients with frozen shoulder. Journal of Shoulder and Elbow Surgery, 2020, 29, 1836-1842.	2.6	14
48	Mid-term results of a new femoral prosthesis using Ti-Nb-Sn alloy with low Youngâ€™s modulus. BMC Musculoskeletal Disorders, 2021, 22, 987.	1.9	14
49	Living status, economic hardship and sleep disturbance were associated with subjective shoulder pain in survivors of the Great East Japan Earthquake: A cross sectional study. Journal of Orthopaedic Science, 2017, 22, 442-446.	1.1	13
50	In Which Arm Position Is a Hill-Sachs Lesion Created?. American Journal of Sports Medicine, 2019, 47, 2464-2468.	4.2	13
51	Influence of subjective economic hardship on new onset of neck pain (so-called: katakori) in the chronic phase of the Great East Japan Earthquake: A prospective cohort study. Journal of Orthopaedic Science, 2018, 23, 758-764.	1.1	12
52	Effects of elastic intramedullary nails composed of low Young's modulus Tiâ€Nbâ€Sn alloy on healing of tibial osteotomies in rabbits. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 700-707.	3.4	12
53	Blood flow changes of the anterior humeral circumflex artery decrease with the scapula in internal rotation. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 1467-1472.	4.2	11
54	Anterior and posterior glenoid bone augmentation options for shoulder instability: state of the art. Journal of ISAKOS, 2021, 6, 308-317.	2.3	11

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55	Symptomatic Rotator Cuff Tears Show Higher Radioisotope Uptake on Bone Scintigraphy Compared With Asymptomatic Tears. American Journal of Sports Medicine, 2013, 41, 2028-2033.	4.2	10
56	Shoulder instability: State of the Art. Journal of ISAKOS, 2016, 1, 347-357.	2.3	10
57	A review of biomechanics of the shoulder and biomechanical concepts of rotator cuff repair. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2015, 2, 27-30.	1.0	9
58	Chemical Stability-Sensitive Osteoconductive Performance of Octacalcium Phosphate Bone Substitute in an Ovariectomized Rat Tibia Defect. ACS Applied Bio Materials, 2020, 3, 1444-1458.	4.6	9
59	Î²-type TiNbSn Alloy Plates With Low Young Modulus Accelerates Osteosynthesis in Rabbit Tibiae. Clinical Orthopaedics and Related Research, 2022, 480, 1817-1832.	1.5	9
60	Local rhBMP-12 on an Absorbable Collagen Sponge as an Adjuvant Therapy for Rotator Cuff Repairâ€"A Phase 1, Randomized, Standard of Care Control, Multicenter Study: Part 2â€"A Pilot Study of Functional Recovery and Structural Outcomes. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711772674.	1.7	8
61	Antibacterial Activity of an Anodized TiNbSn Alloy Prepared in Sodium Tartrate Electrolyte. Frontiers in Bioengineering and Biotechnology, 2022, 10, 883335.	4.1	8
62	Lumbar artery injury from which the Adamkiewicz artery originated associated with lumbar spine injury: successfully treated by transcatheter arterial embolization. European Spine Journal, 2016, 25, 124-128.	2.2	7
63	Increased Facet Fluid Predicts Dynamic Changes in the Dural Sac Size on Axial-Loaded MRI in Patients with Lumbar Spinal Canal Stenosis. American Journal of Neuroradiology, 2016, 37, 730-735.	2.4	6
64	Changes in shoulder muscle activities and glenohumeral motion after rotator cuff repair: an assessment using ultrasound real-time tissue elastography. Journal of Shoulder and Elbow Surgery, 2021, 30, 2577-2586.	2.6	6
65	Three-dimensional morphometric analysis of the coracohumeral distance using magnetic resonance imaging. Orthopedic Reviews, 2017, 9, 6999.	1.3	5
66	Differences in scapular motion and parascapular muscle activities among patients with symptomatic and asymptomatic rotator cuff tears, and healthy individuals. JSES International, 2021, 5, 238-246.	1.6	5
67	Treatment of irreparable rotator cuff tears with superior capsular reconstruction. Journal of Experimental Orthopaedics, 2021, 8, 23.	1.8	5
68	Editorial Commentary: It Is Not the Size, But the Location of Hill-Sachs Lesion That Matters. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 3262-3265.	2.7	5
69	Feeder-supported in vitro exercise model using human satellite cells from patients with sporadic inclusion body myositis. Scientific Reports, 2022, 12, 1082.	3.3	5
70	Does glenoid remodeling occur with an erosion-type bone loss after arthroscopic Bankart repair?. JSES International, 2020, 4, 814-817.	1.6	4
71	Long-Term Effect of Immobilization in External Rotation After First-Time Shoulder Dislocation: An Average 18-Year Follow-Up. Journal of Shoulder and Elbow Surgery, 2021, , .	2.6	2
72	Effects of arthroscopic pancapsular release for proximal humeral fractures treated with intramedullary nailing: a retrospective study. JSES International, 2020, 4, 546-550.	1.6	1

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73	Lumbar radicular symptom caused by the cauda equina in ankylosing spondylitis: a case report. Modern Rheumatology Case Reports, 2017, 1, 60-63.	0.7	0
74	Validation and reliability of a Japanese version of the Simple Shoulder Test: a cross-sectional study. JSES International, 2021, 5, 334-337.	1.6	0
75	Reply to the Park and Lee regarding: â€œEffects of joint capsular release on range of motion in patients with frozen shoulderâ€• Journal of Shoulder and Elbow Surgery, 2021, 30, e177.	2.6	0
76	Anterior Decompression and Fusion Versus Laminoplasty for Cervical Myelopathy Caused by Soft Disk Herniation. Clinical Spine Surgery, 2020, 33, E478-E485.	1.3	0
77	Increased External Rotation Related to the Soft Tissues is Associated with Pathologic Internal Impingement in High-School Baseball Players. Journal of Shoulder and Elbow Surgery, 2022, , .	2.6	0