

# Yoshihiro Hagiwara

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

1,488  
citations

331670

21  
h-index

434195

31  
g-index

104  
all docs

104  
docs citations

104  
times ranked

1163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of articular cartilage after immobilization in a rat knee contracture model. <i>Journal of Orthopaedic Research</i> , 2009, 27, 236-242.	2.3	90
2	Coexistence of fibrotic and chondrogenic process in the capsule of idiopathic frozen shoulders. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 241-249.	1.3	63
3	Chondrogenic and Fibrotic Process in the Ligamentum Flavum of Patients With Lumbar Spinal Canal Stenosis. <i>Spine</i> , 2015, 40, 429-435.	2.0	51
4	Distribution of Type A and B Synoviocytes in the Adhesive and Shortened Synovial Membrane during Immobilization of the Knee Joint in Rats. <i>Tohoku Journal of Experimental Medicine</i> , 2010, 221, 161-168.	1.2	44
5	Identification of prognostic factors for the nonoperative treatment of stiff shoulder. <i>International Orthopaedics</i> , 2013, 37, 859-864.	1.9	43
6	Reversibility of Immobilization-Induced Articular Cartilage Degeneration after Remobilization in Rat Knee Joints. <i>Tohoku Journal of Experimental Medicine</i> , 2011, 224, 77-85.	1.2	42
7	Increased Elasticity of Capsule After Immobilization in a Rat Knee Experimental Model Assessed by Scanning Acoustic Microscopy. <i>Uppsala Journal of Medical Sciences</i> , 2006, 111, 303-313.	0.9	38
8	Progression of an arthrogenic motion restriction after immobilization in a rat experimental knee model. <i>Uppsala Journal of Medical Sciences</i> , 2007, 112, 347-355.	0.9	38
9	Expression of transforming growth factor- $\beta$ 1 and connective tissue growth factor in the capsule in a rat immobilized knee model. <i>Uppsala Journal of Medical Sciences</i> , 2008, 113, 221-234.	0.9	35
10	Intra-articular Injection of Hyaluronan Diminishes Loss of Chondrocytes in a Rat Immobilized-Knee Model. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 215, 321-331.	1.2	33
11	Remobilization Does Not Restore Immobilization-Induced Adhesion of Capsule and Restricted Joint Motion in Rat Knee Joints. <i>Tohoku Journal of Experimental Medicine</i> , 2012, 227, 13-22.	1.2	33
12	Arthroscopic Coracohumeral Ligament Release for Patients With Frozen Shoulder. <i>Arthroscopy Techniques</i> , 2018, 7, e1-e5.	1.3	31
13	Joint Immobilization Induced Hypoxic and Inflammatory Conditions in Rat Knee Joints. <i>Connective Tissue Research</i> , 2013, 54, 210-217.	2.3	30
14	Youth baseball players with elbow and shoulder pain have both low back and knee pain: a cross-sectional study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1927-1935.	4.2	30
15	Increased Expression of Metalloproteinase-8 and -13 on Articular Cartilage in a Rat Immobilized Knee Model. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 217, 271-278.	1.2	28
16	Coexistence of Trunk or Lower Extremity Pain with Elbow and/or Shoulder Pain among Young Overhead Athletes: A Cross-Sectional Study. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 243, 173-178.	1.2	26
17	In vitro exercise model using contractile human and mouse hybrid myotubes. <i>Scientific Reports</i> , 2019, 9, 11914.	3.3	25
18	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.	2.6	25

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19	Decreased elastic fibers and increased proteoglycans in the ligamentum flavum of patients with lumbar spinal canal stenosis. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1241-1247.	2.3	24
20	Expression patterns of collagen types I and III in the capsule of a rat knee contracture model. <i>Journal of Orthopaedic Research</i> , 2010, 28, 315-321.	2.3	23
21	Joint haemorrhage partly accelerated immobilization-induced synovial adhesions and capsular shortening in rats. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2874-2883.	4.2	21
22	Effects of intra-articular steroid injection before pan-capsular release in patients with refractory frozen shoulder. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1536-1541.	4.2	21
23	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.	2.2	21
24	Effects of Arthroscopic Coracohumeral Ligament Release on Range of Motion for Patients with Frozen Shoulder. <i>The Open Orthopaedics Journal</i> , 2018, 12, 373-379.	0.2	21
25	Periodontal Disease Is Associated with Insomnia among Victims of the Great East Japan Earthquake: A Panel Study Initiated Three Months after the Disaster. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 237, 83-90.	1.2	20
26	Association Between Sleep Disturbance and New-onset Subjective Shoulder Pain in Survivors of the Great East Japan Earthquake: A Prospective Cohort Study in Miyagi Prefecture. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 242, 193-201.	1.2	20
27	Short-term Clinical Results of Manipulation Under Ultrasound-Guided Brachial Plexus Block in Patients with Idiopathic Frozen Shoulder and Diabetic Secondary Frozen Shoulder. <i>The Open Orthopaedics Journal</i> , 2018, 12, 99-104.	0.2	20
28	RAGE-dependent NF- $\kappa$ B inflammation processes in the capsule of frozen shoulders. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 1884-1891.	2.6	20
29	Influence of living environments and working status on low back pain for survivors of the Great East Japan Earthquake. <i>Journal of Orthopaedic Science</i> , 2016, 21, 138-142.	1.1	19
30	Influence of living environment and subjective economic hardship on new-onset of low back pain for survivors of the Great East Japan Earthquake. <i>Journal of Orthopaedic Science</i> , 2017, 22, 43-49.	1.1	19
31	Correlations of coracohumeral ligament and range of motion restriction in patients with recurrent anterior glenohumeral instability evaluated by magnetic resonance arthrography. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 233-240.	2.6	19
32	Sleep Disturbance Is Associated with New Onset and Continuation of Lower Back Pain: A Longitudinal Study among Survivors of the Great East Japan Earthquake. <i>Tohoku Journal of Experimental Medicine</i> , 2018, 246, 9-14.	1.2	18
33	Higher Incidence of Sleep Disturbance among Survivors with Musculoskeletal Pain after the Great East Japan Earthquake: A Prospective Study. <i>Tohoku Journal of Experimental Medicine</i> , 2018, 244, 25-32.	1.2	18
34	Comparative proteome analysis of the capsule from patients with frozen shoulder. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1770-1778.	2.6	18
35	Long-term feeding on powdered food causes hyperglycemia and signs of systemic illness in mice. <i>Life Sciences</i> , 2014, 103, 8-14.	4.3	17
36	Expression of Collagen Types I and II on Articular Cartilage in a Rat Knee Contracture Model. <i>Connective Tissue Research</i> , 2010, 51, 22-30.	2.3	16

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37	Factors associated with sports-related dental injuries among young athletes: a cross-sectional study in Miyagi prefecture. <i>BMC Oral Health</i> , 2017, 17, 168.	2.3	16
38	Knee pain is associated with lower back pain in young baseball players: a cross-sectional study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 985-990.	4.2	16
39	Excessive Game Playing Is Associated with Poor Toothbrushing Behavior among Athletic Children: A Cross-Sectional Study in Miyagi, Japan. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 241, 131-138.	1.2	14
40	Moving from prefabricated temporary housing to public reconstruction housing and social isolation after the Great East Japan Earthquake: a longitudinal study using propensity score matching. <i>BMJ Open</i> , 2019, 9, e026354.	1.9	14
41	Upper Extremity Pain Is Associated with Lower Back Pain among Young Basketball Players: A Cross-Sectional Study. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 250, 79-85.	1.2	14
42	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.	2.6	14
43	Quantitative in vivo biocompatibility of new ultralow-nickel cobalt-chromium-molybdenum alloys. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1505-1513.	2.3	13
44	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. <i>Journal of Orthopaedic Science</i> , 2017, 22, 442-446.	1.1	13
45	Effects of Low-Intensity Pulsed Ultrasound for Preventing Joint Stiffness in Immobilized Knee Model in Rats. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1244-1256.	1.5	13
46	Musculoskeletal Pain is Associated With New-Onset Psychological Distress in Survivors of the Great East Japan Earthquake. <i>Disaster Medicine and Public Health Preparedness</i> , 2019, 13, 295-300.	1.3	13
47	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. <i>Journal of Orthopaedic Science</i> , 2018, 23, 758-764.	1.1	12
48	Simultaneous evaluation of articular cartilage and subchondral bone from immobilized knee in rats by photoacoustic imaging system. <i>Journal of Orthopaedic Science</i> , 2015, 20, 397-402.	1.1	11
49	Blood flow changes of the anterior humeral circumflex artery decrease with the scapula in internal rotation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1467-1472.	4.2	11
50	A Thickened Coracohumeral Ligament and Superomedial Capsule Limit Internal Rotation of the Shoulder Joint: Report of Three Cases. <i>Case Reports in Orthopedics</i> , 2016, 2016, 1-5.	0.3	10
51	Association between sleep disturbance and new-onset subjective knee pain in Great East Japan Earthquake survivors: A prospective cohort study in the Miyagi prefecture. <i>Journal of Orthopaedic Science</i> , 2018, 23, 334-340.	1.1	10
52	Musculoskeletal pain and new-onset poor physical function in elderly survivors of a natural disaster: a longitudinal study after the great East Japan earthquake. <i>BMC Geriatrics</i> , 2019, 19, 274.	2.7	10
53	High prevalence of low back pain among young basketball players with lower extremity pain: a cross-sectional study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2020, 12, 40.	1.7	10
54	Musculoskeletal pain in other body sites is associated with new-onset low back pain: a longitudinal study among survivors of the great East Japan earthquake. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 227.	1.9	10

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55	Correlations Between Range of Motion and Elasticity of the Coracohumeral Ligament Evaluated With Shear-Wave Elastography. <i>Journal of Sport Rehabilitation</i> , 2021, 30, 9-15.	1.0	10
56	Does Scapular Motion Regress with Aging and is It Restricted in Patients with Idiopathic Frozen Shoulder?. <i>The Open Orthopaedics Journal</i> , 2016, 10, 80-88.	0.2	10
57	Comparison of articular cartilage images assessed by high-frequency ultrasound microscope and scanning acoustic microscope. <i>International Orthopaedics</i> , 2012, 36, 185-190.	1.9	9
58	Parents's Own Experience of Verbal Abuse Is Associated with their Acceptance of Abuse towards Children from Youth Sports Coaches. <i>Tohoku Journal of Experimental Medicine</i> , 2019, 249, 249-254.	1.2	9
59	Clinical outcomes of arthroscopic pan-capsular release with or without entire coracohumeral ligament release for patients with frozen shoulder. <i>JSES International</i> , 2020, 4, 826-832.	1.6	9
60	Low Back Pain in School-Aged Martial Arts Athletes in Japan: A Comparison among Judo, Kendo, and Karate. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 295-301.	1.2	9
61	Effects of a wearable type lumbosacral support for low back pain among hospital workers: A randomized controlled trial. <i>Journal of Occupational Health</i> , 2017, 59, 201-209.	2.1	8
62	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.	2.6	8
63	Joint hemorrhage accelerates cartilage degeneration in a rat immobilized knee model. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 761.	1.9	8
64	Preventing effects of joint contracture by high molecular weight hyaluronan injections in a rat immobilized knee model. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 3426-40.	0.5	8
65	Factors Associated with Thickening of the Ligamentum Flavum on Magnetic Resonance Imaging in Patients with Lumbar Spinal Canal Stenosis. <i>Spine</i> , 2022, 47, 1036-1041.	2.0	8
66	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.	2.0	7
67	Association between trunk pain and lower extremity pain among youth soccer players: a cross-sectional study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2018, 10, 13.	1.7	7
68	Verbal Abuse from Coaches Is Associated with Loss of Motivation for the Present Sport in Young Athletes: A Cross-Sectional Study in Miyagi Prefecture. <i>Tohoku Journal of Experimental Medicine</i> , 2019, 248, 107-113.	1.2	7
69	Exercise-evoked intramuscular neutrophil-endothelial interactions support muscle performance and GLUT4 translocation: a mouse gnawing model study. <i>Journal of Physiology</i> , 2020, 598, 101-122.	2.9	7
70	Association Between Sleep Disturbance and Low Back Pain. <i>Spine</i> , 2021, Publish Ahead of Print, .	2.0	7
71	Magnetic resonance imaging classification of haemodialysis-related amyloidosis of the shoulder: risk factors and arthroscopic treatment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2217-2224.	4.2	6
72	Association between continued residence in temporary prefabricated housing and musculoskeletal pain in survivors of the Great East Japan Earthquake: a longitudinal study. <i>BMJ Open</i> , 2019, 9, e030761.	1.9	6

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73	Association between lower back pain and lower extremity pain among young volleyball players: A cross-sectional study. <i>Physical Therapy in Sport</i> , 2020, 43, 65-69.	1.9	6
74	A 5-year Longitudinal Study of Low Back Pain in Survivors of the Great East Japan Earthquake. <i>Spine</i> , 2021, 46, 695-701.	2.0	6
75	Tissue accumulation of neutrophil extracellular traps mediates muscle hyperalgesia in a mouse model. <i>Scientific Reports</i> , 2022, 12, 4136.	3.3	6
76	Feeder-supported in vitro exercise model using human satellite cells from patients with sporadic inclusion body myositis. <i>Scientific Reports</i> , 2022, 12, 1082.	3.3	5
77	Correlations between Capsular Changes and ROM Restriction in Frozen Shoulder Evaluated by Plain MRI and MR Arthrography. <i>The Open Orthopaedics Journal</i> , 2018, 12, 396-404.	0.2	3
78	The characteristics of coaches that verbally and physically abuse young baseball players using a self-reported questionnaire. <i>Journal of Orthopaedic Science</i> , 2019, 24, 361-367.	1.1	3
79	A new pathophysiology of atraumatic rotator cuff tears: adduction restriction of the glenohumeral joint. <i>JSES International</i> , 2020, 4, 333-340.	1.6	3
80	Imaging of muscle activity-induced morphometric changes in fibril network of myofascia by two-photon microscopy. <i>Journal of Anatomy</i> , 2021, 238, 515-526.	1.5	3
81	Preceding Poor Physical Function Is Associated with New-Onset Musculoskeletal Pain among Older Natural Disaster Survivors: A Longitudinal Study after the Great East Japan Earthquake. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 19-26.	1.2	3
82	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.	0.2	3
83	Low Back Pain in Young Sports Players. <i>Spine</i> , 2021, 46, 1154-1159.	2.0	2
84	Validation and reliability of a Japanese version of the Shoulder Pain and Disability Index: A cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2021, 26, 595-598.	1.1	2
85	The 5-Year Course of Neck Pain Among Natural Disaster Survivors: The Association of Prior Neck Pain with New Episodes of Neck Pain. <i>Pain Medicine</i> , 2022, 23, 635-641.	1.9	2
86	Association of decreased physical activity due to the COVID-19 pandemic with new-onset neck pain in survivors of the Great East Japan Earthquake: a prospective cohort study. <i>BMJ Open</i> , 2021, 11, e051751.	1.9	2
87	Elastic Changes of the Coracohumeral Ligament Evaluated with Shear Wave Elastography. <i>The Open Orthopaedics Journal</i> , 2018, 12, 427-434.	0.2	2
88	Concomitant ipsilateral humeral neck and shaft fractures in an elderly patient treated with hemiarthroplasty and periprosthetic cable-plating system. <i>Journal of Orthopaedic Science</i> , 2018, 23, 710-714.	1.1	1
89	Anterior subluxation of the glenohumeral joint during hyperextension. <i>Journal of Orthopaedic Science</i> , 2020, 25, 915-919.	1.1	1
90	Effects of arthroscopic pancapsular release for proximal humeral fractures treated with intramedullary nailing: a retrospective study. <i>JSES International</i> , 2020, 4, 546-550.	1.6	1

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91	A histoanatomical study of the fiber bundle forming the "Comma Sign," a critical marker of the torn edge of the subscapularis tendon. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 1231-1239.	2.4	1
92	Association of musculoskeletal pain in other body parts with new-onset shoulder pain: a longitudinal study among survivors of the Great East Japan Earthquake. BMJ Open, 2021, 11, e041804.	1.9	1
93	Contracted joint capsule affects labral and chondral lesions in patients with frozen shoulder. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 2640-2647.	4.2	1
94	Prognostic Factors for Conservative Treatments of Atraumatic Rotator Cuff Tears. The Open Orthopaedics Journal, 2019, 13, 26-31.	0.2	1
95	Comparative proteome analysis of the ligamentum flavum of patients with lumbar spinal canal stenosis. JOR Spine, 0, , .	3.2	1
96	Bilateral refractory frozen shoulders treated with conservative and surgical treatments—a case report of long-term follow-up. European Orthopaedics and Traumatology, 2012, 3, 81-84.	0.1	0
97	Acoustically Stimulated Electromagnetic Response in Biomedical Tissues. , 2018, , .		0
98	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
99	Reply to the Park and Lee regarding: "Effects of joint capsular release on range of motion in patients with frozen shoulder" Journal of Shoulder and Elbow Surgery, 2021, 30, e177.	2.6	0
100	Recovery of Range of Motion and Decrease in Pain after Progression of Supraspinatus Tendon Tear: A Case Report. The Open Orthopaedics Journal, 2019, 13, 84-88.	0.2	0
101	Ultrasound-guided Arthroscopic Tuberopecty for Greater Tuberosity Malunion: A Case Report. The Open Orthopaedics Journal, 2020, 14, 204-208.	0.2	0
102	Association between Prior and Later Occurrence of Shoulder Pain Episodes: A 5-Year Longitudinal Study after the Great East Japan Earthquake. Tohoku Journal of Experimental Medicine, 2022, , .	1.2	0
103	Sleep disturbance is associated with neck pain: a 3-year longitudinal study after the Great East Japan Earthquake. BMC Musculoskeletal Disorders, 2022, 23, 459.	1.9	0