

Hiromu Ito

List of Publications by Year in descending order

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Version: 2024-02-01

184
papers

5,457
citations

117453

34
h-index

102304

66
g-index

187
all docs

187
docs citations

187
times ranked

7052
citing authors

#	ARTICLE	IF	CITATIONS
1	Stromal cell-derived factor 1/CXCR4 signaling is critical for the recruitment of mesenchymal stem cells to the fracture site during skeletal repair in a mouse model. <i>Arthritis and Rheumatism</i> , 2009, 60, 813-823.	6.7	499
2	Plasma and synovial fluid microRNAs as potential biomarkers of rheumatoid arthritis and osteoarthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R86.	1.6	406
3	Evolving concepts in bone infection: redefining "biofilm", "acute vs. chronic osteomyelitis", "the immune proteome" and "local antibiotic therapy". <i>Bone Research</i> , 2019, 7, 20.	5.4	300
4	Periosteal Progenitor Cell Fate in Segmental Cortical Bone Graft Transplantations: Implications for Functional Tissue Engineering. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2124-2137.	3.1	294
5	Remodeling of cortical bone allografts mediated by adherent rAAV-RANKL and VEGF gene therapy. <i>Nature Medicine</i> , 2005, 11, 291-297.	15.2	258
6	Quantifying the natural history of biofilm formation in vivo during the establishment of chronic implant-associated <i>Staphylococcus aureus</i> osteomyelitis in mice to identify critical pathogen and host factors. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1311-1319.	1.2	147
7	Autoimmune Th17 Cells Induced Synovial Stromal and Innate Lymphoid Cell Secretion of the Cytokine GM-CSF to Initiate and Augment Autoimmune Arthritis. <i>Immunity</i> , 2018, 48, 1220-1232.e5.	6.6	135
8	Kinematic alignment produces near-normal knee motion but increases contact stress after total knee arthroplasty: A case study on a single implant design. <i>Knee</i> , 2015, 22, 206-212.	0.8	106
9	MicroRNA-451 Downregulates Neutrophil Chemotaxis via p38 MAPK. <i>Arthritis and Rheumatology</i> , 2014, 66, 549-559.	2.9	101
10	Inhibition of miR-92a Enhances Fracture Healing via Promoting Angiogenesis in a Model of Stabilized Fracture in Young Mice. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 316-326.	3.1	97
11	Prevalence and factors associated with sarcopenia in patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2019, 29, 589-595.	0.9	96
12	Biological Effects of rAAV-caAlk2 Coating on Structural Allograft healing. <i>Molecular Therapy</i> , 2005, 12, 212-218.	3.7	93
13	Detection of T cell responses to a ubiquitous cellular protein in autoimmune disease. <i>Science</i> , 2014, 346, 363-368.	6.0	86
14	Objective assessment of abnormal gait in patients with rheumatoid arthritis using a smartphone. <i>Rheumatology International</i> , 2012, 32, 3869-3874.	1.5	81
15	Chemokines in mesenchymal stem cell therapy for bone repair: a novel concept of recruiting mesenchymal stem cells and the possible cell sources. <i>Modern Rheumatology</i> , 2011, 21, 113-121.	0.9	80
16	Medial rather than lateral knee instability correlates with inferior patient satisfaction and knee function after total knee arthroplasty. <i>Knee</i> , 2017, 24, 1478-1484.	0.8	74
17	Hypoxia-Sensitive COMMD1 Integrates Signaling and Cellular Metabolism in Human Macrophages and Suppresses Osteoclastogenesis. <i>Immunity</i> , 2017, 47, 66-79.e5.	6.6	71
18	Chemokines in mesenchymal stem cell therapy for bone repair: a novel concept of recruiting mesenchymal stem cells and the possible cell sources. <i>Modern Rheumatology</i> , 2011, 21, 113-121.	0.9	70

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19	MCP/CCR2 Signaling Is Essential for Recruitment of Mesenchymal Progenitor Cells during the Early Phase of Fracture Healing. <i>PLoS ONE</i> , 2014, 9, e104954.	1.1	66
20	Analysis of the Flexion Gap on In Vivo Knee Kinematics Using Fluoroscopy. <i>Journal of Arthroplasty</i> , 2015, 30, 1237-1242.	1.5	56
21	Intraoperative medial joint laxity in flexion decreases patient satisfaction after total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 1143-1150.	1.3	55
22	Cross-cultural adaptation and validation of the Japanese version of the new Knee Society Scoring System for osteoarthritic knee with total knee arthroplasty. <i>Journal of Orthopaedic Science</i> , 2015, 20, 849-853.	0.5	52
23	Hedgehog Signaling Molecules in Bone Marrow Cells at the Initial Stage of Fracture Repair. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 443-451.	1.0	51
24	Lectin-like oxidized low-density lipoprotein receptor 1 signal is a potent biomarker and therapeutic target for human rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 1024-1034.	6.7	51
25	Periodontitis and <i>Porphyromonas gingivalis</i> in Preclinical Stage of Arthritis Patients. <i>PLoS ONE</i> , 2015, 10, e0122121.	1.1	48
26	Subaxial subluxation after atlantoaxial transarticular screw fixation in rheumatoid patients. <i>European Spine Journal</i> , 2009, 18, 869-876.	1.0	47
27	Three Groups in the 28 Joints for Rheumatoid Arthritis Synovitis – Analysis Using More than 17,000 Assessments in the KURAMA Database. <i>PLoS ONE</i> , 2013, 8, e59341.	1.1	47
28	Quadriceps strength affects patient satisfaction after total knee arthroplasty. <i>Journal of Orthopaedic Science</i> , 2016, 21, 38-43.	0.5	46
29	Metabolomic approach to the exploration of biomarkers associated with disease activity in rheumatoid arthritis. <i>PLoS ONE</i> , 2019, 14, e0219400.	1.1	41
30	PGE2 inhibits MMP expression by suppressing MKK4/JNK MAP kinase/c-Jun pathway via EP4 in human articular chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 425-433.	1.2	40
31	Long-Term Durability of Ceramic Tri-Condylar Knee Implants: A Minimum 15-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2017, 32, 1874-1879.	1.5	40
32	Increase of Hemoglobin Levels by Anti-IL-6 Receptor Antibody (Tocilizumab) in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e98202.	1.1	39
33	Integration of genetics and miRNA-target gene network identified disease biology implicated in tissue specificity. <i>Nucleic Acids Research</i> , 2018, 46, 11898-11909.	6.5	39
34	Elderly onset of early rheumatoid arthritis is a risk factor for bone erosions, refractory to treatment: KURAMA cohort. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 1084-1093.	0.9	37
35	Shared epitope defines distinct associations of cigarette smoking with levels of anticitrullinated protein antibody and rheumatoid factor. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1480-1487.	0.5	36
36	The KSS 2011 Reflects Symptoms, Physical Activities, and Radiographic Grades in a Japanese Population. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 70-75.	0.7	35

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37	Drug treatment algorithm and recommendations from the 2020 update of the Japan College of Rheumatology clinical practice guidelines for the management of rheumatoid arthritis secondary publication. <i>Modern Rheumatology</i> , 2023, 33, 21-35.	0.9	35
38	How exactly can computer simulation predict the kinematics and contact status after TKA? Examination in individualized models. <i>Clinical Biomechanics</i> , 2016, 39, 65-70.	0.5	34
39	Mechanical implant failure in posterior cervical spine fusion. <i>European Spine Journal</i> , 2012, 21, 328-334.	1.0	33
40	Postoperative complications in patients with rheumatoid arthritis using a biological agent – A systematic review and meta-analysis. <i>Modern Rheumatology</i> , 2015, 25, 672-678.	0.9	33
41	Factors associated with the achievement of biological disease-modifying antirheumatic drug-free remission in rheumatoid arthritis: the ANSWER cohort study. <i>Arthritis Research and Therapy</i> , 2018, 20, 165.	1.6	33
42	A twin study of rheumatoid arthritis in the Japanese population. <i>Modern Rheumatology</i> , 2016, 26, 685-689.	0.9	32
43	Role of JAK-STAT signaling in the pathogenic behavior of fibroblast-like synoviocytes in rheumatoid arthritis: Effect of the novel JAK inhibitor peficitinib. <i>European Journal of Pharmacology</i> , 2020, 882, 173238.	1.7	32
44	Positive and negative regulation of chondrogenesis by splice variants of PEBP2 α /CBF β 1 in clonal mouse EC cells, ATDC5. <i>Development</i> , 1999, 181, 169-178.		28
45	Carbamylated albumin is one of the target antigens of anti-carbamylated protein antibodies. <i>Rheumatology</i> , 2017, 56, 1217-1226.	0.9	27
46	Clinical efficacy of preoperative 3D planning for reducing surgical errors during open wedge high tibial osteotomy. <i>Journal of Orthopaedic Research</i> , 2019, 37, 898-907.	1.2	27
47	Stromal Cell-Derived Factor 1 Regulates the Actin Organization of Chondrocytes and Chondrocyte Hypertrophy. <i>PLoS ONE</i> , 2012, 7, e37163.	1.1	26
48	Rheumatoid Factor Is Associated With the Distribution of Hand Joint Destruction in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 3113-3123.	2.9	25
49	Bone-protective Functions of Netrin 1 Protein. <i>Journal of Biological Chemistry</i> , 2016, 291, 23854-23868.	1.6	25
50	Tibial Rotational Alignment Was Significantly Improved by Use of a CT-Navigated Control Device in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2014, 29, 2352-2356.	1.5	24
51	Ligament balancing in total knee arthroplasty – Medial stabilizing technique. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2015, 2, 108-113.	0.4	24
52	Constitutive Activation of Integrin α 9 Augments Self-Directed Hyperplastic and Proinflammatory Properties of Fibroblast-like Synoviocytes of Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2017, 199, 3427-3436.	0.4	24
53	Inverse Association between Air Pressure and Rheumatoid Arthritis Synovitis. <i>PLoS ONE</i> , 2014, 9, e85376.	1.1	24
54	Anti-citrullinated peptide/protein antibody (ACPA)-negative RA shares a large proportion of susceptibility loci with ACPA-positive RA: a meta-analysis of genome-wide association study in a Japanese population. <i>Arthritis Research and Therapy</i> , 2015, 17, 104.	1.6	23

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55	The minimum clinically important difference for the Japanese version of the new Knee Society Score (2011KSS) after total knee arthroplasty. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1053-1057.	0.5	23
56	IsdB antibody-mediated sepsis following <i>S. aureus</i> surgical site infection. <i>JCI Insight</i> , 2020, 5, .	2.3	23
57	TNF α , PDGF, and TGF β synergistically induce synovial lining hyperplasia via inducible PI3K γ . <i>Modern Rheumatology</i> , 2015, 25, 72-78.	0.9	22
58	Prevalence of anxiety and depression in patients with rheumatoid arthritis before and during the COVID-19 pandemic. <i>Rheumatology</i> , 2021, 60, 2023-2024.	0.9	22
59	Prevalence and predictive factors of difficult-to-treat rheumatoid arthritis: the KURAMA cohort. <i>Immunological Medicine</i> , 2022, 45, 35-44.	1.4	21
60	Effect of Impaired T Cell Receptor Signaling on the Gut Microbiota in a Mouse Model of Systemic Autoimmunity. <i>Arthritis and Rheumatology</i> , 2022, 74, 641-653.	2.9	21
61	Knee Pain and Low Back Pain Additively Disturb Sleep in the General Population: A Cross-Sectional Analysis of the Nagahama Study. <i>PLoS ONE</i> , 2015, 10, e0140058.	1.1	20
62	Distinct biomarkers for different bones in osteoporosis with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2019, 21, 174.	1.6	20
63	Multiplexed monitoring of therapeutic antibodies for inflammatory diseases using Fab-selective proteolysis nSMOL coupled with LC-MS. <i>Journal of Immunological Methods</i> , 2019, 472, 44-54.	0.6	20
64	Classical target coronal alignment in high tibial osteotomy demonstrates validity in terms of knee kinematics and kinetics in a computer model. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1568-1578.	2.3	20
65	Role of Lysine-specific Demethylase 1 in Metabolically Integrating Osteoclast Differentiation and Inflammatory Bone Resorption Through Hypoxia-inducible Factor 1 α and E2F1. <i>Arthritis and Rheumatology</i> , 2022, 74, 948-960.	2.9	20
66	3D in vivo femoro-tibial kinematics of tri-condylar total knee arthroplasty during kneeling activities. <i>Knee</i> , 2014, 21, 162-167.	0.8	19
67	Kinematic Difference Between Various Geometric Centers and Contact Points for Tri-Condylar Bi-Surface Knee System. <i>Journal of Arthroplasty</i> , 2015, 30, 701-705.	1.5	19
68	Increased circulating adiponectin is an independent disease activity marker in patients with rheumatoid arthritis: A cross-sectional study using the KURAMA database. <i>PLoS ONE</i> , 2020, 15, e0229998.	1.1	19
69	Clinical Considerations of Regenerative Medicine in Osteoporosis. <i>Current Osteoporosis Reports</i> , 2014, 12, 230-234.	1.5	18
70	Hyaluronan inhibits IL-1 β -stimulated collagenase production via down-regulation of phosphorylated p38 in SW-1353 human chondrosarcoma cells. <i>Modern Rheumatology</i> , 2008, 18, 263-270.	0.9	17
71	Atlantoaxial Transarticular Screw Fixation With Posterior Wiring Using Polyethylene Cable. <i>Spine</i> , 2008, 33, 1655-1661.	1.0	17
72	No condylar lift-off occurs because of excessive lateral soft tissue laxity in neutrally aligned total knee arthroplasty: a computer simulation study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2517-2524.	2.3	17

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73	No differences in patient-reported outcomes between medial pivot insert and symmetrical insert in total knee arthroplasty: A randomized analysis. <i>Knee</i> , 2018, 25, 1254-1261.	0.8	17
74	Biofilm Producing <i>Staphylococcus epidermidis</i> (RP62A Strain) Inhibits Osseous Integration Without Osteolysis and Histopathology in a Murine Septic Implant Model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 852-860.	1.2	17
75	Posterior tibial slope and femoral sizing affect posterior cruciate ligament tension in posterior cruciate-retaining total knee arthroplasty. <i>Clinical Biomechanics</i> , 2015, 30, 676-681.	0.5	16
76	Intraoperative physiological lateral laxity in extension and flexion for varus knees did not affect short-term clinical outcomes and patient satisfaction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3888-3898.	2.3	16
77	Effect of medication adherence on disease activity among Japanese patients with rheumatoid arthritis. <i>PLoS ONE</i> , 2018, 13, e0206943.	1.1	15
78	Strain-Specific Manifestation of Lupus-like Systemic Autoimmunity Caused by <i>Zap70</i> Mutation. <i>Journal of Immunology</i> , 2019, 202, 3161-3172.	0.4	15
79	Underhang of the tibial component increases tibial bone resorption after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1270-1279.	2.3	15
80	Medial tilting of the joint line in posterior stabilized total knee arthroplasty increases contact force and stress. <i>Clinical Biomechanics</i> , 2018, 53, 54-59.	0.5	14
81	Influence of Posterior Cruciate Ligament Tension on Knee Kinematics and Kinetics. <i>Journal of Knee Surgery</i> , 2016, 29, 684-689.	0.9	13
82	Superior-inferior position of patellar component affects patellofemoral kinematics and contact forces in computer simulation. <i>Clinical Biomechanics</i> , 2017, 45, 19-24.	0.5	13
83	How precisely does ultrasonographic evaluation reflect the histological status of the articular cartilage of the knee joint?. <i>Journal of Orthopaedics</i> , 2018, 15, 636-640.	0.6	13
84	Low back pain precedes the development of new knee pain in the elderly population; a novel predictive score from a longitudinal cohort study. <i>Arthritis Research and Therapy</i> , 2019, 21, 98.	1.6	13
85	Effect of Physical State on Pain Mediated Through Emotional Health in Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , 2019, 71, 1216-1223.	1.5	13
86	Does exercise therapy improve patient-reported outcomes in rheumatoid arthritis? A systematic review and meta-analysis for the update of the 2020 JCR guidelines for the management of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2022, 32, 96-104.	0.9	13
87	Biological activation of bone-related biomaterials by recombinant adeno-associated virus vector. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1162-1168.	1.2	12
88	Non-obese visceral adiposity is associated with the risk of atherosclerosis in Japanese patients with rheumatoid arthritis: a cross-sectional study. <i>Rheumatology International</i> , 2018, 38, 1679-1689.	1.5	12
89	Large medial proximal tibial angles cause excessively medial tibiofemoral contact forces and abnormal knee kinematics following open-wedge high tibial osteotomy. <i>Clinical Biomechanics</i> , 2020, 80, 105190.	0.5	12
90	Extracellular-to-intracellular water ratios are associated with functional disability levels in patients with knee osteoarthritis: results from the Nagahama Study. <i>Clinical Rheumatology</i> , 2021, 40, 2889-2896.	1.0	12

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91	Urinary sodium-to-potassium ratio associates with hypertension and current disease activity in patients with rheumatoid arthritis: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2021, 23, 96.	1.6	12
92	Habitual fish intake negatively correlates with prevalence of frailty among patients with rheumatoid arthritis. <i>Scientific Reports</i> , 2021, 11, 5104.	1.6	12
93	Factors affecting walking ability in female patients with rheumatoid arthritis. <i>PLoS ONE</i> , 2018, 13, e0195059.	1.1	12
94	Serum vitamin D status inversely associates with a prevalence of severe sarcopenia among female patients with rheumatoid arthritis. <i>Scientific Reports</i> , 2021, 11, 20485.	1.6	12
95	The limitations of mono- and combination antibiotic therapies on immature biofilms in a murine model of implant-associated osteomyelitis. <i>Journal of Orthopaedic Research</i> , 2021, 39, 449-457.	1.2	12
96	Machine learning-based prediction of relapse in rheumatoid arthritis patients using data on ultrasound examination and blood test. <i>Scientific Reports</i> , 2022, 12, 7224.	1.6	12
97	In vivo femoro-tibial kinematic analysis of a tri-condylar total knee prosthesis. <i>Clinical Biomechanics</i> , 2014, 29, 400-405.	0.5	11
98	Morphology of the Proximal Tibia at Different Levels of Bone Resection in Japanese Knees. <i>Journal of Arthroplasty</i> , 2015, 30, 2323-2327.	1.5	11
99	Delayed wound healing after forefoot surgery in patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2015, 25, 367-372.	0.9	11
100	Immunogenicity and Lupus-Like Autoantibody Production Can Be Linked to Each Other along With Type I Interferon Production in Patients with Rheumatoid Arthritis Treated With Infliximab: A Retrospective Study of a Single Center Cohort. <i>PLoS ONE</i> , 2016, 11, e0162896.	1.1	11
101	Systematic review and meta-analysis of biosimilar for the treatment of rheumatoid arthritis informing the 2020 update of the Japan College of Rheumatology clinical practice guidelines for the management of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2022, 32, 74-86.	0.9	11
102	The association between serious infection and disease outcome in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2016, 35, 213-218.	1.0	10
103	The process of collecting and evaluating evidences for the development of Guidelines for the management of rheumatoid arthritis, Japan College of Rheumatology 2014: Utilization of GRADE approach. <i>Modern Rheumatology</i> , 2016, 26, 175-179.	0.9	10
104	Varus femoral and tibial coronal alignments result in different kinematics and kinetics after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3459-3466.	2.3	10
105	Factors influencing spinal sagittal balance, bone mineral density, and Oswestry Disability Index outcome measures in patients with rheumatoid arthritis. <i>European Spine Journal</i> , 2018, 27, 406-415.	1.0	10
106	Impact of intraoperative adjustment method for increased flexion gap on knee kinematics after posterior cruciate ligament-sacrificing total knee arthroplasty. <i>Clinical Biomechanics</i> , 2019, 63, 85-94.	0.5	10
107	Fluctuation in anti-cyclic citrullinated protein antibody level predicts relapse from remission in rheumatoid arthritis: KURAMA cohort. <i>Arthritis Research and Therapy</i> , 2020, 22, 268.	1.6	10
108	Nardilysin is involved in autoimmune arthritis via the regulation of tumour necrosis factor alpha secretion. <i>RMD Open</i> , 2017, 3, e000436.	1.8	9

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109	Correlation Between Intraoperative Anterior Stability and Flexion Gap in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 2480-2484.	1.5	9
110	Bone-fer femoral component interface gap after sagittal mechanical axis alignment is filled with new bone after cementless total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1478-1484.	2.3	9
111	Tibial Tubercle-Trochlear Groove Distance Influences Patellar Tilt After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 3080-3087.	1.5	9
112	The Effects of Well-Rounded Exercise Program on Systemic Biomarkers Related to Cartilage Metabolism. <i>Cartilage</i> , 2019, 10, 451-458.	1.4	9
113	Serological and Progression Differences of Joint Destruction in the Wrist and the Feet in Rheumatoid Arthritis - A Cross-Sectional Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0136611.	1.1	9
114	Plasma sLOX-1 is a potent biomarker of clinical remission and disease activity in patients with seropositive RA. <i>Modern Rheumatology</i> , 2016, 26, 696-701.	0.9	8
115	Valgus position of the femoral component causes abnormal kinematics in the presence of medial looseness in total knee arthroplasty: a computer simulation model of TKA for valgus knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2051-2060.	2.3	8
116	Severe joint deformity and patient global assessment of disease are associated with discrepancies between sonographic and clinical remission: A cross-sectional study of rheumatoid arthritis patients. <i>Modern Rheumatology</i> , 2021, 31, 334-342.	0.9	8
117	Potential application of measuring serum infliximab levels in rheumatoid arthritis management: A retrospective study based on KURAMA cohort data. <i>PLoS ONE</i> , 2021, 16, e0258601.	1.1	8
118	Differential efficacy of TNF inhibitors with or without the immunoglobulin fragment crystallizable (Fc) portion in rheumatoid arthritis: the ANSWER cohort study. <i>Rheumatology International</i> , 2022, 42, 1227-1234.	1.5	8
119	Severe erosive arthropathy requiring surgical treatments in systemic lupus erythematosus. <i>Modern Rheumatology</i> , 2009, 19, 431-436.	0.9	7
120	Outcome of shortened extra-small ulnar component in linked total elbow arthroplasty for patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2015, 25, 849-853.	0.9	7
121	Noise Generation With Good Range of Motion but Without Femorotibial Instability Has Small Effect on Patient Satisfaction After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 407-412.	1.5	7
122	Subchondral bone fragility with meniscal tear accelerates and parathyroid hormone decelerates articular cartilage degeneration in rat osteoarthritis model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1959-1968.	1.2	7
123	Anti-nuclear antibody development is associated with poor treatment response to biological disease-modifying anti-rheumatic drugs in patients with rheumatoid arthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 204-210.	1.6	7
124	Intake frequency of vegetables or seafoods negatively correlates with disease activity of rheumatoid arthritis. <i>PLoS ONE</i> , 2020, 15, e0228852.	1.1	7
125	Systematic review for the treatment of older rheumatoid arthritis patients informing the 2020 update of the Japan College of Rheumatology clinical practice guidelines for the management of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2022, 32, 313-322.	0.9	7
126	A Multivariate Analysis on the Effect of No Closed Suction Drain on the Length of Hospital Stay in Total Knee Arthroplasty. <i>Knee Surgery and Related Research</i> , 2019, 31, 25-30.	1.8	7

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127	Integrating patients'™ perceptions into clinical practice guidelines for the management of rheumatoid arthritis in Japan. <i>Modern Rheumatology</i> , 2017, 27, 924-929.	0.9	6
128	A greater reduction in the distal femoral anterior condyle improves flexion after total knee arthroplasty in patients with osteoarthritis. <i>Knee</i> , 2019, 26, 1364-1371.	0.8	6
129	Does Abatacept Increase Postoperative Adverse Events in Rheumatoid Arthritis Compared with Conventional Synthetic Disease-modifying Drugs?. <i>Journal of Rheumatology</i> , 2020, 47, 502-509.	1.0	6
130	Prediction of recurrence and remission using superb microvascular imaging in rheumatoid arthritis. <i>Journal of Medical Ultrasonics (2001)</i> , 2020, 47, 131-138.	0.6	6
131	Obesity with radiological changes or depression was associated with worse knee outcome in general population: a cluster analysis in the Nagahama study. <i>Arthritis Research and Therapy</i> , 2020, 22, 280.	1.6	6
132	Abnormal knee kinematics caused by mechanical alignment in symmetric bicruciate-retaining total knee arthroplasty are alleviated by kinematic alignment. <i>Knee</i> , 2020, 27, 1385-1395.	0.8	6
133	Varus alignment after total knee arthroplasty results in greater axial rotation during deep knee bend activity. <i>Clinical Biomechanics</i> , 2020, 77, 105051.	0.5	6
134	Excessive flexed position of the femoral component was associated with poor new Knee Society Score after total knee arthroplasty with the Bi-Surface knee prosthesis. <i>Bone and Joint Journal</i> , 2020, 102-B, 36-42.	1.9	6
135	Patients'™ perspectives of rheumatoid arthritis treatment: a questionnaire survey for the 2020 update of the Japan college of rheumatology clinical practice guidelines. <i>Modern Rheumatology</i> , 2022, 32, 307-312.	0.9	6
136	High dose teriparatide (rPTH1-34) therapy increases callus volume and enhances radiographic healing at 8-weeks in a massive canine femoral allograft model. <i>PLoS ONE</i> , 2017, 12, e0185446.	1.1	6
137	Subsidence of total ankle component associated with deterioration of an ankle scale in non-inflammatory arthritis but not in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2017, 27, 417-424.	0.9	5
138	Preoperative factors related to the ambulatory status at 1 year after total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2018, 40, 1929-1932.	0.9	5
139	A VCP modulator, KUS121, as a promising therapeutic agent for post-traumatic osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 20787.	1.6	5
140	Comprehensive risk analysis of postoperative complications in patients with rheumatoid arthritis for the 2020 update of the Japan College of Rheumatology clinical practice guidelines for the management of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2022, 32, 296-306.	0.9	5
141	Pain catastrophizing hinders Disease Activity Score 28 " erythrocyte sedimentation rate remission of rheumatoid arthritis in patients with normal C-reactive protein levels. <i>International Journal of Rheumatic Diseases</i> , 2021, 24, 1520-1529.	0.9	5
142	Correlation in the Coronal Angle between Knee and Hindfoot Was Observed in Patients with Rheumatoid Arthritis Unless Talocrural Joint Was Destroyed. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	4
143	Overall survival and post-spontaneous regression relapse-free survival of patients with lymphoproliferative disorders associated with rheumatoid arthritis: a multi-center retrospective cohort study. <i>Modern Rheumatology</i> , 2022, 32, 50-58.	0.9	4
144	Positive rate and prognostic significance of the superb microvascular imaging signal in joints of rheumatoid arthritis patients in remission with normal C-reactive protein levels and erythrocyte sedimentation rates. <i>Journal of Medical Ultrasonics (2001)</i> , 2021, 48, 353-359.	0.6	4

#	ARTICLE	IF	CITATIONS
145	Neutrophil count reduction 1Âmonth after initiating tocilizumab can predict clinical remission within 1Âyear in rheumatoid arthritis patients. <i>Rheumatology International</i> , 2022, 42, 1983-1991.	1.5	4
146	Influence of dietary habits on depression among patients with rheumatoid arthritis: A cross-sectional study using KURAMA cohort database. <i>PLoS ONE</i> , 2021, 16, e0255526.	1.1	4
147	The real-world effectiveness of anti-RANKL antibody denosumab on the clinical fracture prevention in patients with rheumatoid arthritis: The ANSWER cohort study. <i>Modern Rheumatology</i> , 2022, 32, 834-838.	0.9	4
148	Ultrasonographic Changes of the Knee Joint Reflect Symptoms of Early Knee Osteoarthritis in General Population; The Nagahama Study. <i>Cartilage</i> , 2022, 13, 194760352210774.	1.4	4
149	Only rheumatoid factor-positive subset of anti-citrullinated peptide/protein antibody-negative rheumatoid arthritis may seroconvert to anti-citrullinated peptide/protein antibody-positive. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 731-736.	0.9	3
150	Evaluation of risk factors for atherosclerosis using carotid ultrasonography in Japanese patients with rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 1312-1318.	0.9	3
151	Significant joint-destructive association of HLA-DRB1*04:05 independent of DAS28 in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 284-286.	0.5	3
152	Predicting factors for disappearance of anti-mutated citrullinated vimentin antibodies in sera of patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2020, 30, 450-457.	0.9	3
153	Feasibility of patient-oriented ultrasound joint selection: Cross-sectional observational study on rheumatoid arthritis. <i>Modern Rheumatology</i> , 2020, 30, 975-981.	0.9	3
154	The family history of rheumatoid arthritis in anti-cyclic citrullinated peptide antibody-positive patient is not a predictor of poor clinical presentation and treatment response with modern classification criteria and treatment strategy: the ANSWER cohort study. <i>Rheumatology International</i> , 2020, 40, 217-225.	1.5	3
155	Anatomical evaluation of the femoral attachment of the posterior oblique ligament. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1035-1041.	1.3	3
156	Perceptions and behaviours related to COVID-19 in patients with rheumatoid arthritis: a cross-sectional study. <i>Clinical Rheumatology</i> , 2022, 41, 45-51.	1.0	3
157	Severe erosive arthropathy requiring surgical treatments in systemic lupus erythematosus. <i>Modern Rheumatology</i> , 2009, 19, 431-436.	0.9	3
158	Tenderness of the knee is associated with thinning of the articular cartilage evaluated with ultrasonography in a community-based cohort: The Nagahama study. <i>Modern Rheumatology</i> , 2021, , .	0.9	3
159	Non-drug and surgical treatment algorithm and recommendations for the 2020 update of the Japan College of Rheumatology clinical practice guidelines for the management of rheumatoid arthritisâ€”secondary publication. <i>Modern Rheumatology</i> , 2023, 33, 36-45.	0.9	3
160	Biomechanical Comparison of Kinematic and Mechanical Knee Alignment Techniques in a Computer Simulation Medial Pivot Total Knee Arthroplasty Model. <i>Journal of Knee Surgery</i> , 2021, , .	0.9	3
161	Differences in impact on adjacent compartments in medial unicompartmental knee arthroplasty versus high tibial osteotomy with identical valgus alignment. <i>Knee</i> , 2021, 29, 241-250.	0.8	2
162	Kinematic comparison between asymmetrical and symmetrical polyethylene inserts during deep knee bend activity. <i>Journal of Orthopaedic Science</i> , 2022, 27, 810-814.	0.5	2

#	ARTICLE	IF	CITATIONS
163	Differential Contribution of the Medial and the Lateral Side of the Joint to Symptoms in Knee Osteoarthritis: A Radiographic and Laboratory Analysis in the Nagahama Study. <i>Cartilage</i> , 2021, , 194760352110258.	1.4	2
164	Functional characteristics of female patients based on ambulatory ability 1Âyear after total knee arthroplasty. <i>Knee</i> , 2021, 33, 298-304.	0.8	2
165	Physical and financial impacts caused by the COVID-19 pandemic exacerbate knee pain: A longitudinal study of a large-scale general population. <i>Modern Rheumatology</i> , 2022, , .	0.9	2
166	Varus thrust visualized during gait was associated with inverted foot in patients with knee osteoarthritis: An exploratory study. <i>Gait and Posture</i> , 2018, 61, 269-275.	0.6	1
167	Soluble Lectin-like Oxidized Low-Density Lipoprotein Receptor 1 Predicts the Changes of Rheumatoid Factor Titers in Rheumatoid Arthritis. <i>Journal of Clinical Rheumatology</i> , 2020, 26, 295-300.	0.5	1
168	High and Varied Anterior Condyle of the Distal Femur Is Associated with Limited Flexion in Varus Knee Osteoarthritis. <i>Cartilage</i> , 2020, , 194760352092858.	1.4	1
169	Destructive arthritis with cutaneous polyarteritis nodosa requiring surgical intervention: a case report and review of the literature. <i>Modern Rheumatology Case Reports</i> , 2020, 4, 272-277.	0.3	1
170	Association between quantitative lower limb arterial calcification and bilateral severe knee osteoarthritis. <i>Modern Rheumatology</i> , 2021, 31, 1059-1065.	0.9	1
171	Coexistence of low back pain and lumbar kyphosis is associated with increased functional disability in knee osteoarthritis: the Nagahama Study. <i>Arthritis Care and Research</i> , 2021, , .	1.5	1
172	A unique salvage operation strategy: implantation of the ulnar total elbow component to the radius to overcome large ulnar bone defect caused by infection after total elbow arthroplasty. <i>Modern Rheumatology Case Reports</i> , 2021, , .	0.3	1
173	Occipital and external acoustic meatus to axis angle: a useful predictor of oropharyngeal space in rheumatoid arthritis patients with atlantoaxial subluxation. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 534-541.	0.9	1
174	Femoral bowing affects varus femoral alignment but not patient satisfaction in mechanically aligned total knee arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, , 1.	0.6	1
175	Static Mediolateral Tilt of the Joint Line after Total Knee Arthroplasty Does Not Reflect Dynamic Tilt during a Stair Ascent Activity. <i>Journal of Knee Surgery</i> , 2021, , .	0.9	1
176	Facilitated harvesting of a radial artery superficial palmar branch flap for reconstruction of moderate finger skin defects. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, , .	0.5	1
177	An anatomical study for the location of suprascapular and spinoglenoid notches using three-dimensional computed tomography images of scapula. <i>JSES International</i> , 2022, 6, 669-674.	0.7	1
178	Limited extension after linked total elbow arthroplasty in patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2016, 26, 347-351.	0.9	0
179	Patient satisfaction with total joint replacement surgery for rheumatoid arthritis: a questionnaire survey for the 2020 update of the Japan college of rheumatology clinical practice guidelines. <i>Modern Rheumatology</i> , 2022, 32, 121-126.	0.9	0
180	A Case Report of a Team Approach for a Rheumatoid Arthritis Patient with Above-knee Amputation to Acquire Activities of Daily Living with a Prosthetic Leg. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021, 58, 692-698.	0.0	0

#	ARTICLE	IF	CITATIONS
181	Region specificity of rheumatoid foot symptoms associated with ultrasound-detected synovitis and joint destruction. <i>Modern Rheumatology</i> , 2022, 32, 127-135.	0.9	0
182	Stromal Cell-derived Factor 1/CXCR4 Signaling, <i>Stem and Fractures.</i> , 2013, , 200-213.		0
183	Constitutive Activation of Integrin $\alpha 9$ Augments Self-Directed Hyperplastic and Proinflammatory Properties of Fibroblast-like Synoviocytes of Rheumatoid Arthritis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-5-34.	0.0	0
184	Systemic chronic diseases coexist with and affect locomotive syndrome: The Nagahama Study. <i>Modern Rheumatology</i> , 2022, , .	0.9	0