

Sakae Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

666
papers

24,223
citations

13099

68
h-index

12946

131
g-index

772
all docs

772
docs citations

772
times ranked

24992
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Preoperative Neuropathic Pain and Patient Reported Outcome Measures After Cervical Spinal Cord Decompression Surgery. <i>Global Spine Journal</i> , 2024, 14, 411-419.	2.3	1
2	Association Between Deep Posterior Cervical Paraspinal Muscle Morphology and Clinical Features in Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , 2023, 13, 8-16.	2.3	7
3	Imaging characteristics of NTRK-rearranged spindle cell neoplasm of the soft tissue: A case report. <i>Journal of Orthopaedic Science</i> , 2023, 28, 1580-1583.	1.1	3
4	Comparison Between the Japanese Orthopaedic Association (JOA) Score and Patient-Reported JOA (PRO-JOA) Score to Evaluate Surgical Outcomes of Degenerative Cervical Myelopathy. <i>Global Spine Journal</i> , 2022, 12, 795-800.	2.3	15
5	The Association between In Vivo Knee Kinematics and Patient-Reported Outcomes during Squatting in Bicruciate-Stabilized Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2022, 35, 1342-1348.	1.6	6
6	Is Increased Kicking Leg Iliopsoas Muscle Tightness a Predictive Factor for Developing Spondylolysis in Adolescent Male Soccer Players?. <i>Clinical Journal of Sport Medicine</i> , 2022, 32, e165-e171.	1.8	2
7	The higher patient-reported outcome measure group had smaller external rotation of the femur in bicruciate-stabilized total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1292-1299.	4.2	7
8	A new classification system for evaluating fatty infiltration of the gluteus minimus in hip osteoarthritis using plain computed tomography. <i>Journal of Orthopaedic Science</i> , 2022, 27, 792-797.	1.1	1
9	Efficacy of hydrated phospholipid polymer interfaces between allâ€polymer bearings for total hip arthroplasty. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 89-102.	3.4	2
10	High initial graft tension increases external tibial rotation on the axial plane after anatomical anterior cruciate ligament reconstruction. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1597-1604.	2.4	4
11	Intraoperative knee kinematics measured by computerâ€assisted navigation and intraoperative ligament balance have the potential to predict postoperative knee kinematics. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1538-1546.	2.3	5
12	Effect of TNF inhibitors with bisphosphonates vs bisphosphonates alone on bone mineral density and bone and cartilage biomarkers at 1 year in patients with rheumatoid arthritis: A prospective study. <i>Modern Rheumatology</i> , 2022, 32, 517-521.	1.8	1
13	Minimal clinically important difference in patients who underwent decompression alone for lumbar degenerative disease. <i>Spine Journal</i> , 2022, 22, 549-560.	1.3	6
14	Systemic inflammation response index (SIRI) as a predictive factor for overall survival in advanced soft tissue sarcoma treated with eribulin. <i>Journal of Orthopaedic Science</i> , 2022, 27, 222-228.	1.1	7
15	Comparison of clinical features and outcomes of patients with leiomyosarcoma of bone and soft tissue: a population-based cohort study. <i>Japanese Journal of Clinical Oncology</i> , 2022, 52, 143-150.	1.3	3
16	Influence of Perioperative Antithrombic Agent Discontinuation in Elective Posterior Spinal Surgery: A Propensity-Score-Matched Analysis. <i>World Neurosurgery</i> , 2022, 158, e362-e368.	1.3	2
17	Regulation of osteoarthritis development by ADAM17/Tace in articular cartilage. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 196-207.	2.7	3
18	Detailed Subphenotyping of Lumbar Modic Changes and Their Association with Low Back Pain in a Large Population-Based Study: The Wakayama Spine Study. <i>Pain and Therapy</i> , 2022, 11, 57-71.	3.2	12

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19	Effect of weight-bearing in bicruciate-retaining total knee arthroplasty during high-flexion activities. <i>Clinical Biomechanics</i> , 2022, 92, 105569.	1.2	3
20	Role of adjuvant chemotherapy in patients with localized, undifferentiated pleomorphic sarcoma of soft tissue: a population-based cohort study. <i>International Journal of Clinical Oncology</i> , 2022, 27, 802-810.	2.2	4
21	Relationship Between Age-Related Spinopelvic Sagittal Alignment and Low Back Pain in Adults of Population-Based Cohorts: The ROAD Study. <i>Journal of Pain Research</i> , 2022, Volume 15, 33-38.	2.0	4
22	Inflammatory Arthritis and Bone Metabolism Regulated by Type 2 Innate and Adaptive Immunity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1104.	4.1	4
23	Comparison of the joint laxity of total knee arthroplasty evaluated by the distraction force and the varus/valgus force. <i>Knee</i> , 2022, 34, 98-107.	1.6	3
24	The discrepancy between radiographically-assessed and self-recognized hallux valgus in a large population-based cohort. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 31.	1.9	5
25	Treatment of restenosis after lumbar decompression surgery: decompression versus decompression and fusion. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 892-899.	1.7	2
26	Transcription Factor Hematopoietically Expressed Homeobox Protein (Hhex) Negatively Regulates Osteoclast Differentiation by Controlling Cyclin-Dependent Kinase Inhibitors. <i>JBMR Plus</i> , 2022, 6, e10608.	2.7	6
27	Clinical characteristics of undifferentiated pleomorphic sarcoma of bone and the impact of adjuvant chemotherapy on the affected patients: a population-based cohort study. <i>Japanese Journal of Clinical Oncology</i> , 2022, 52, 589-598.	1.3	2
28	Plasmalemmal interface for calcium signaling in osteoclast differentiation. <i>Current Opinion in Cell Biology</i> , 2022, 74, 55-61.	5.4	3
29	Is radiographic lumbar spinal stenosis associated with the quality of life?: The Wakayama Spine Study. <i>PLoS ONE</i> , 2022, 17, e0263930.	2.5	1
30	Does Surgical Treatment Affect the Degree of Anxiety or Depression in Patients With Degenerative Cervical Myelopathy?. <i>Global Spine Journal</i> , 2022, , 219256822210885.	2.3	2
31	Characteristics of the Kicking Motion in Adolescent Male Soccer Players Who Develop Osgood-Schlatter Disease: A Prospective Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210835.	1.7	6
32	A Prospective, 3-year Longitudinal Study of Modic Changes of the Lumbar Spine in a Population-based Cohort. <i>Spine</i> , 2022, 47, 490-497.	2.0	8
33	Both Intraoperative Medial and Lateral Joint Stabilities at Midflexion Influence Postoperative Patient-Reported Outcome Measures Following Bi-Cruciate Stabilized Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2022, , .	1.6	0
34	Evaluation of bone strength using finite-element analysis in patients with ossification of the posterior longitudinal ligament. <i>Spine Journal</i> , 2022, 22, 1399-1407.	1.3	4
35	Increase in the incidence of acute inflammatory reactions to injectable fillers during COVID-19 era. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 1816-1821.	1.6	9
36	In Vivo three-dimensional kinematics of normal knees during sitting sideways on the floor. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 326.	1.9	2

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37	Effects of a 1-mm difference in bearing thickness on intraoperative bearing movement and kinematics in Oxford unicompartmental knee arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 341.	1.9	0
38	Proximal tibial morphology is associated with risk of trauma to the posteromedial structures during tibial bone resection reproducing the anatomical posterior tibial slope in bicruciate-retaining total knee arthroplasty. <i>Knee</i> , 2022, 36, 1-8.	1.6	3
39	Effect of Antimicrobial Prophylaxis Duration on Health Care-Associated Infections After Clean Orthopedic Surgery. <i>JAMA Network Open</i> , 2022, 5, e226095.	5.9	12
40	Interspecies Single-Cell RNA-Seq Analysis Reveals the Novel Trajectory of Osteoclast Differentiation and Therapeutic Targets. <i>JBMR Plus</i> , 2022, 6, .	2.7	9
41	Effects of conditioned medium obtained from human adipose-derived stem cells on skin inflammation. <i>Regenerative Therapy</i> , 2022, 20, 72-77.	3.0	5
42	Postoperative outcomes after degenerative lumbar spine surgery in rheumatoid arthritis patients -a propensity score-matched analysis. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 380.	1.9	2
43	Relationship between bone mineral density and ovarian function and thyroid function in perimenopausal women with endometriosis: a prospective study. <i>BMC Women's Health</i> , 2022, 22, 134.	2.0	2
44	Epidemiology of locomotive syndrome using updated clinical decision limits: 6-year follow-ups of the ROAD study. <i>Journal of Bone and Mineral Metabolism</i> , 2022, , 1.	2.7	10
45	Femoral rollback at high-flexion during squatting is related to the improvement of sports activities after bicruciate-stabilized total knee arthroplasty: an observational study. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	1.9	1
46	Risk factors for residual pain after ligament reconstruction and tendon interposition on osteoarthritis of the first carpometacarpal joint. <i>Journal of Orthopaedic Surgery</i> , 2022, 30, 102255362211033.	1.0	1
47	Increasing trend of radiographic features of knee osteoarthritis in rheumatoid arthritis patients before total knee arthroplasty. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
48	The effects of initial graft tension on femorotibial relationship following anatomical rectangular tunnel anterior cruciate ligament reconstruction using bone-patellar tendon-bone graft. <i>Knee</i> , 2022, 37, 112-120.	1.6	2
49	Development of hydroxyapatite-coated nonwovens for efficient isolation of somatic stem cells from adipose tissues. <i>Regenerative Therapy</i> , 2022, 21, 52-61.	3.0	1
50	Relationship between the Accuracy of the Acetabular Cup Angle and BMI in Posterolateral Total Hip Arthroplasty with CT-Based Navigation. <i>Medicina (Lithuania)</i> , 2022, 58, 856.	2.0	5
51	Effect of diabetes on patient-reported outcome measures at one year after laminoplasty for cervical spondylotic myelopathy. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
52	Kinematic Differences Between the Dominant and Nondominant Legs During a Single-Leg Drop Vertical Jump in Female Soccer Players. <i>American Journal of Sports Medicine</i> , 2022, 50, 2817-2823.	4.2	7
53	Type of bone graft and primary diagnosis were associated with nosocomial surgical site infection after high tibial osteotomy: analysis of a national database. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 429-436.	4.2	16
54	Association between fall history and performance-based physical function and postural sway in patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2021, 31, 373-379.	1.8	10

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55	Relationship between the physician-based clinical scale for foot and ankle surgery and patient-reported outcomes in patients with long-standing rheumatoid arthritis: Results from a multicenter prospective observational cohort study. <i>Modern Rheumatology</i> , 2021, 31, 607-613.	1.8	1
56	Weight-bearing status affects in vivo kinematics following mobile-bearing unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 718-724.	4.2	5
57	Disease activity affects the recurrent deformities of the lesser toes after resection arthroplasty for rheumatoid forefoot deformity. <i>Modern Rheumatology</i> , 2021, 31, 365-372.	1.8	1
58	Association between types of Modic changes in the lumbar region and low back pain in a large cohort: the Wakayama spine study. <i>European Spine Journal</i> , 2021, 30, 1011-1017.	2.2	30
59	RANKL as a therapeutic target of rheumatoid arthritis. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 106-112.	2.7	30
60	Surgical resection of the primary lesion for osteosarcoma patients with metastasis at initial diagnosis. <i>Japanese Journal of Clinical Oncology</i> , 2021, 51, 416-423.	1.3	9
61	Evidence that TD α 198946 enhances the chondrogenic potential of human synovium-derived stem cells through the <i>NOTCH3</i> signaling pathway. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 103-115.	2.7	4
62	Sclerostin: from bench to bedside. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 332-340.	2.7	44
63	Rotational kinematics differ between mild and severe valgus knees in total knee arthroplasty. <i>Knee</i> , 2021, 28, 81-88.	1.6	10
64	Validity of the Japanese core outcome measures index (COMI)-neck for cervical spine surgery: a prospective cohort study. <i>European Spine Journal</i> , 2021, 30, 402-409.	2.2	7
65	Prognosis and surgical outcome of soft tissue sarcoma with malignant fungating wounds. <i>Japanese Journal of Clinical Oncology</i> , 2021, 51, 78-84.	1.3	8
66	Parsing multiomics landscape of activated synovial fibroblasts highlights drug targets linked to genetic risk of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 440-450.	0.9	29
67	Evaluations of daily teriparatide using finite-element analysis over 12 months in rheumatoid arthritis patients. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 270-277.	2.7	9
68	In Vivo Kinematics of Bicruciate-Retaining Total Knee Arthroplasty with Anatomical Articular Surface under High-Flexion Conditions. <i>Journal of Knee Surgery</i> , 2021, 34, 452-459.	1.6	8
69	Predictors of new bone erosion in rheumatoid arthritis patients receiving conventional synthetic disease-modifying antirheumatic drugs: Analysis of data from the DRIVE and DESIRABLE studies. <i>Modern Rheumatology</i> , 2021, 31, 34-41.	1.8	14
70	Chronological Changes in Anterior Knee Stability after Anatomical Anterior Cruciate Ligament Reconstruction Using Bone-Patellar Tendon-Bone and Hamstring Grafts. <i>Journal of Knee Surgery</i> , 2021, 34, 659-664.	1.6	2
71	Treatment of acromioclavicular joint separations in Japan: a survey. <i>JSES International</i> , 2021, 5, 51-55.	1.6	3
72	Surgical Treatment of Pathological Tibial Shaft Fracture in Adult Patient With Gnathodiaphyseal Dysplasia. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	0

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73	Anatomical study of cervical intervertebral foramen in patients with cervical spondylotic radiculopathy. <i>Journal of Orthopaedic Science</i> , 2021, 26, 86-91.	1.1	10
74	Risk factors for deep surgical site infection following posterior instrumented fusion for degenerative diseases in the thoracic and/or lumbar spine: a multicenter, observational cohort study of 2913 consecutive cases. <i>European Spine Journal</i> , 2021, 30, 1756-1764.	2.2	10
75	Long-term safety and effectiveness of denosumab in Japanese patients with osteoporosis: 3-year post-marketing surveillance study. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 463-473.	2.7	10
76	Unicompartmental knee arthroplasty is associated with lower proportions of surgical site infection compared with total knee arthroplasty: A retrospective nationwide database study. <i>Knee</i> , 2021, 28, 124-130.	1.6	10
77	Lateral posterior tibial slope and length of the tendon within the tibial tunnel are independent factors to predict tibial tunnel widening following anatomic anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3818-3824.	4.2	8
78	The Impact of Cefazolin Shortage on Surgical Site Infection Following Spine Surgery in Japan. <i>Spine</i> , 2021, 46, 923-930.	2.0	5
79	Midterm clinical outcomes of reverse shoulder arthroplasty in Japanese patients with rheumatoid arthritis using patient-reported outcome measures (Shoulder36). <i>JSES International</i> , 2021, 5, 114-120.	1.6	2
80	Microendoscope-Assisted Versus Open Posterior Lumbar Interbody Fusion for Lumbar Degenerative Disease: A Multicenter Retrospective Cohort Study. <i>Medicina (Lithuania)</i> , 2021, 57, 150.	2.0	2
81	Influence of surgical factors on patient satisfaction after bicruciate stabilized total knee arthroplasty: retrospective examination using multiple regression analysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 215.	1.9	6
82	Comparison between suture and staple fixations as internal fixation techniques for Akin osteotomy. <i>Foot and Ankle Surgery</i> , 2021, 28, 100-100.	1.7	1
83	Characteristics of the spinopelvic parameters of patients with sacroiliac joint pain. <i>Scientific Reports</i> , 2021, 11, 5189.	3.3	4
84	Prognostic factors and impact of surgery in patients with metastatic soft tissue sarcoma at diagnosis: A population-based cohort study. <i>Japanese Journal of Clinical Oncology</i> , 2021, 51, 918-926.	1.3	9
85	Intraoperative kinematics of bicruciate-stabilized total knee arthroplasty during high-flexion motion of the knee. <i>Knee</i> , 2021, 29, 291-297.	1.6	0
86	In vivo kinematics of a newly updated posterior-stabilised mobile-bearing total knee arthroplasty in weight-bearing and non-weight-bearing high-flexion activities. <i>Knee</i> , 2021, 29, 183-189.	1.6	3
87	Minimum clinically important change for outcome scores among patients aged 75 or over undergoing lumbar spine surgery. <i>European Spine Journal</i> , 2021, 30, 1226-1234.	2.2	4
88	Prevalence and associated factors of pistol grip deformity in Japanese local residents. <i>Scientific Reports</i> , 2021, 11, 6025.	3.3	3
89	Natural History, Neuroradiological Workup, and Management Options of Chronic Atlantoaxial Rotatory Fixation Caused by Drug-Induced Cervical Dystonia. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-6.	0.3	0
90	A new technique for determining the rotational alignment of the tibial component during total knee arthroplasty. <i>Knee</i> , 2021, 29, 323-331.	1.6	5

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91	Characteristics of three-dimensional acetabular morphology of patients with excellent outcome after rotational acetabular osteotomy over 20 years. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 192.	2.3	4
92	Preoperative tibiofemoral rotational alignment is a risk factor for component rotational mismatch in total knee arthroplasty. <i>Knee</i> , 2021, 29, 448-456.	1.6	8
93	The relationship between atlas hypoplasia and os odontoideum in children with Down syndrome. <i>Journal of Pediatric Orthopaedics Part B</i> , 2021, Publish Ahead of Print, e7-e10.	0.6	1
94	Associations between curve severity and revised Scoliosis Research Society-22 and scoliosis Japanese Questionnaire-27 scores in female patients with adolescent idiopathic scoliosis: a multicenter, cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 312.	1.9	4
95	Safety and Effectiveness of Peficitinib (ASP015K) in Patients with Rheumatoid Arthritis: Final Results (32 Months of Mean Peficitinib Treatment) From a Long-Term, Open-Label Extension Study in Japan, Korea, and Taiwan. <i>Rheumatology and Therapy</i> , 2021, 8, 425-442.	2.3	16
96	In vivo kinematics and cruciate ligament forces in bicruciate-retaining total knee arthroplasty. <i>Scientific Reports</i> , 2021, 11, 5645.	3.3	8
97	Fracture of ossified Achilles tendons: A review of cases. <i>World Journal of Orthopedics</i> , 2021, 12, 207-213.	1.8	3
98	Risk factors for deep surgical site infection after posterior cervical spine surgery in adults: a multicentre observational cohort study. <i>Scientific Reports</i> , 2021, 11, 7519.	3.3	8
99	Diabetes is associated with greater leg pain and worse patient-reported outcomes at 1 year after lumbar spine surgery. <i>Scientific Reports</i> , 2021, 11, 8142.	3.3	11
100	Juvenile Dysplasia Epiphysealis Hemimelica with Multiple Ankle Free Body. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-8.	0.3	1
101	Effects of Denosumab in Japanese Patients With Rheumatoid Arthritis Treated With Conventional Antirheumatic Drugs: 36-month Extension of a Phase III Study. <i>Journal of Rheumatology</i> , 2021, 48, 1663-1671.	2.0	10
102	Dietary Intake of Vitamin E and Fats Associated with Sarcopenia in Community-Dwelling Older Japanese People: A Cross-Sectional Study from the Fifth Survey of the ROAD Study. <i>Nutrients</i> , 2021, 13, 1730.	4.1	13
103	Risk factors for worsening sexual function after lumbar spine surgery and characteristics of non-responders to the questionnaire of sex life. <i>European Spine Journal</i> , 2021, 30, 2661-2669.	2.2	2
104	Severe osteolysis and periprosthetic femoral fracture 45 years after acrylic hemiarthroplasty of the hip: a case report. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 482.	1.9	0
105	Pretreatment serum C-reactive protein is a significant prognostic factor in patients with soft tissue metastases. <i>Journal of Orthopaedic Science</i> , 2021, 26, 478-482.	1.1	1
106	Femoral head collapse rate among Japanese patients with pre-collapse osteonecrosis of the femoral head. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110233.	1.0	2
107	Clinical outcomes after first metatarsophalangeal joint arthrodesis by flat cut joint preparation with individual adjustment for sagittal alignment. <i>Journal of Foot and Ankle Surgery</i> , 2021, , .	1.0	2
108	Intraoperative rotational kinematics and its influence on postoperative clinical outcomes differ according to age in Unicompartmental knee Arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 505.	1.9	2

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109	Recombinant human FGF-2 for the treatment of early-stage osteonecrosis of the femoral head: TRION, a single-arm, multicenter, Phase II trial. <i>Regenerative Medicine</i> , 2021, 16, 535-548.	1.7	5
110	Navigation-based analysis of associations between intraoperative joint gap and mediolateral laxity in total knee arthroplasty. <i>Knee</i> , 2021, 30, 314-321.	1.6	5
111	Prosthetic Alignment and Clinical Outcomes of Navigation-Assisted Unicompartmental Knee Arthroplasty by an Experienced Surgeon Compared With Inexperienced Surgeons. <i>Journal of Arthroplasty</i> , 2021, 36, 2435-2439.	3.1	5
112	Divergence in chondrogenic potential between in vitro and in vivo of adipose- and synovial-stem cells from mouse and human. <i>Stem Cell Research and Therapy</i> , 2021, 12, 405.	5.5	2
113	Hip Abductor Muscle Strength Deficit as a Risk Factor for Inversion Ankle Sprain in Male College Soccer Players: A Prospective Cohort Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 2325967121110202.	1.7	16
114	Involvement of Transient Receptor Potential Vanilloid Channel 2 in the Induction of Lubricin and Suppression of Ectopic Endochondral Ossification in Mouse Articular Cartilage. <i>Arthritis and Rheumatology</i> , 2021, 73, 1441-1450.	5.6	14
115	Preoperative and intraoperative factors contributing to patient satisfaction after bi-cruciate stabilized total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110340.	1.0	4
116	Weight-bearing knee flexion angle better correlates with patient-reported outcome measures than non-weight-bearing condition in total knee arthroplasty: a three-dimensional analysis study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 718.	1.9	0
117	Cruciate ligament force of knees following mobile-bearing unicompartmental knee arthroplasty is larger than the preoperative value. <i>Scientific Reports</i> , 2021, 11, 18233.	3.3	1
118	Surgical margin for phosphaturic mesenchymal tumors in soft tissues: An analysis of the radiological histopathological correlation. <i>Journal of Orthopaedic Science</i> , 2021, 26, 870-877.	1.1	6
119	Factors Associated With Surgical Intervention for Osteoarthritis of the Thumb Carpometacarpal Joint. <i>Journal of Hand Surgery</i> , 2021, 46, 817.e1-817.e7.	1.6	5
120	Systemic inflammatory responses after orthopedic surgery in patients with rheumatoid arthritis treated with tofacitinib. <i>Clinical Rheumatology</i> , 2021, 40, 5077-5083.	2.2	1
121	Relative Risks and Benefits of Crossing the Cervicothoracic Junction During Multilevel Posterior Cervical Fusion: A Multicenter Cohort. <i>World Neurosurgery</i> , 2021, 153, e265-e274.	1.3	7
122	Both intraoperative medial and lateral soft tissue balances influence intraoperative rotational knee kinematics in bi-cruciate stabilized total knee arthroplasty: A retrospective investigation. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 830.	1.9	2
123	Role of interleukin-6 in bone destruction and bone repair in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2021, 20, 102884.	5.8	57
124	A "Giving way" captured during walking by gyroscopes and plantar force sensors. <i>Journal of Biomechanics</i> , 2021, 129, 110754.	2.1	2
125	Lateral Heel Pain Caused by Impingement of Hypertrophic Peroneal Tubercle and Os Peroneum. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-6.	0.3	1
126	Physiologic and Pathologic role of RANKL : beyond the skeletal system. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 1-1.	2.7	1

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127	A Multicenter Observational Study on the Postoperative Outcomes of C3 Laminectomy in Cervical Double-door Laminoplasty. <i>Clinical Spine Surgery</i> , 2021, 34, 146-152.	1.3	4
128	Scapular Angiomatoid Fibrous Histiocytoma with EWSR1-CREB1 Fusion in an Adult Patient. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-6.	0.3	2
129	Outcomes of Scarf and Akin Osteotomy with Intra-Articular Stepwise Lateral Soft Tissue Release for Correcting Hallux Valgus Deformity in Rheumatoid Arthritis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10667.	2.6	3
130	Relationship of sagittal spinal alignment with low back pain and physical performance in the general population. <i>Scientific Reports</i> , 2021, 11, 20604.	3.3	13
131	Anthropometric and musculoskeletal gender differences in young soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1212-1218.	0.7	10
132	Appropriate Timing for Evaluation of the Short-Term Effectiveness of Unicompartmental Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2021, 34, 864-869.	1.6	5
133	Predictive factors of the 30-day mortality after surgery for spinal metastasis: Analysis of a nationwide database. <i>Journal of Orthopaedic Science</i> , 2021, 26, 666-671.	1.1	4
134	Finely-Tuned Calcium Oscillations in Osteoclast Differentiation and Bone Resorption. <i>International Journal of Molecular Sciences</i> , 2021, 22, 180.	4.1	22
135	Sex-Based Differences in the Drop Vertical Jump as Revealed by Video Motion Capture Analysis Using Artificial Intelligence. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110481.	1.7	7
136	Impact of denosumab discontinuation on changes in bone mineral density and bone erosion in rheumatoid arthritis patients. <i>Modern Rheumatology</i> , 2021, , .	1.8	1
137	Comparison between cup implantations during total hip arthroplasty with or without a history of rotational acetabular osteotomy. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	2.4	0
138	Effect of Spinal Alignment Changes on Lower Back Pain in Patients Treated with Total Hip Arthroplasty for Hip Osteoarthritis. <i>Medicina (Lithuania)</i> , 2021, 57, 1219.	2.0	4
139	Symptomatic Medial Bone Excrescence in the Distal Phalanx of the Hallux after the First Metatarsophalangeal Joint Arthrodesis: A Case Report and Radiographic Reviews. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-6.	0.3	0
140	Effect of Early vs Delayed Surgical Treatment on Motor Recovery in Incomplete Cervical Spinal Cord Injury With Preexisting Cervical Stenosis. <i>JAMA Network Open</i> , 2021, 4, e2133604.	5.9	34
141	Effect of gait protocols and postoperative shoes on off-loading of forefoot in preoperative patients for forefoot disorders. <i>Modern Rheumatology</i> , 2021, , .	1.8	0
142	MicroSEC filters sequence errors for formalin-fixed and paraffin-embedded samples. <i>Communications Biology</i> , 2021, 4, 1396.	4.4	2
143	Comparison between microendoscopic laminectomy and open posterior decompression surgery for single-level lumbar spinal stenosis: a multicenter retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1053.	1.9	5
144	The association between neck and shoulder discomfort and high somatizing tendency. <i>Modern Rheumatology</i> , 2020, 30, 191-196.	1.8	4

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145	Necessary Factors to Achieve Deep Flexion for Asian Populations after Oxford Unicompartmental Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, 33, 294-300.	1.6	9
146	Length of the Tendon within the Tibial Tunnel Affects Tibial Tunnel Widening following Anatomic Anterior Cruciate Ligament Reconstruction Using a Boneâ€“Patellar Tendonâ€“Bone Graft. <i>Journal of Knee Surgery</i> , 2020, 33, 445-451.	1.6	4
147	Combined patellofemoral arthroplasty and medial patellofemoral ligament reconstruction for chronic patellar instability with trochlear dysplasia: a report of two cases. <i>Modern Rheumatology Case Reports</i> , 2020, 4, 135-140.	0.7	1
148	Associated factors for and progression rate of sacroiliac joint degeneration in subjects undergoing comprehensive medical checkups. <i>European Spine Journal</i> , 2020, 29, 579-585.	2.2	4
149	Bicruciate-retaining total knee arthroplasty reproduces in vivo kinematics of normal knees to a lower extent than unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3007-3015.	4.2	23
150	Phase II/III, randomized, double-blind, parallel-group study of monthly delayed-release versus daily immediate-release risedronate tablets in Japanese patients with involutional osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 86-98.	2.7	1
151	Factors affecting bone union after distal shortening oblique osteotomy of the lesser metatarsals. <i>Modern Rheumatology</i> , 2020, 30, 502-508.	1.8	2
152	A sliding scale to predict postoperative complications undergoing posterior spine surgery. <i>Journal of Orthopaedic Science</i> , 2020, 25, 545-550.	1.1	7
153	Growth pattern of lumbar bone mineral content and trunk muscles in adolescent male soccer players. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 338-345.	2.7	6
154	Is Microendoscopic Discectomy Effective for Patients With Concomitant Lumbar Disc Herniation and Spondylolysis?. <i>Global Spine Journal</i> , 2020, 10, 700-705.	2.3	6
155	Iliotibial band friction syndrome after knee arthroplasty. <i>Knee</i> , 2020, 27, 263-273.	1.6	9
156	Validity of the Japanese Core Outcome Measures Index (COMI)-Back for thoracic and lumbar spine surgery: a prospective cohort study. <i>European Spine Journal</i> , 2020, 29, 1435-1444.	2.2	6
157	Risk Factor Analysis of Deep Surgical Site Infection After Posterior Instrumented Fusion Surgery for Spinal Trauma: A Multicenter Observational Study. <i>World Neurosurgery</i> , 2020, 134, e524-e529.	1.3	8
158	Efficacy and safety of trabectedin for patients with unresectable and relapsed softâ€“tissue sarcoma in Japan: A Japanese Musculoskeletal Oncology Group study. <i>Cancer</i> , 2020, 126, 1253-1263.	4.1	27
159	Minimal clinically important differences in Toronto Extremity Salvage Score for patients with lower extremity sarcoma. <i>Journal of Orthopaedic Science</i> , 2020, 25, 315-318.	1.1	15
160	Midterm results of revision total hip arthroplasty for migrated bipolar hemiarthroplasty in patients with hip osteoarthritis using cementless cup with the rim-fit technique. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902095431.	1.0	0
161	Postoperative Distal Coronal Decompensation After Fusion to L3 for Adolescent Idiopathic Scoliosis Is Affected by Sagittal Pelvic Parameters. <i>Spine</i> , 2020, 45, E1416-E1420.	2.0	3
162	Sustained anti-osteoporotic action of risedronate compared to anti-RANKL antibody following discontinuation in ovariectomized mice. <i>Bone Reports</i> , 2020, 13, 100289.	0.4	5

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163	Joint-Preserving Surgery for Hyperextension Deformity of the Hallux Interphalangeal Joint in a Patient with Rheumatoid Arthritis. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-6.	0.3	0
164	Prediction of pathological fracture in patients with lower limb bone metastasis using computed tomography imaging. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 607-616.	3.3	4
165	Identifying the preferable rheumatoid arthritis subgroups for intervention with the anti-RANKL antibody denosumab to reduce progression of joint destruction. <i>RMD Open</i> , 2020, 6, e001249.	3.8	8
166	Comparison of intraoperative kinematics and their influence on the clinical outcomes between posterior stabilized total knee arthroplasty and bi-cruciate stabilized total knee arthroplasty. <i>Knee</i> , 2020, 27, 1263-1270.	1.6	11
167	2-Methacryloyloxyethyl Phosphorylcholine Polymer Coating Inhibits Bacterial Adhesion and Biofilm Formation on a Suture: An In Vitro and In Vivo Study. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	15
168	The small compound, TD-198946, protects against intervertebral degeneration by enhancing glycosaminoglycan synthesis in nucleus pulposus cells. <i>Scientific Reports</i> , 2020, 10, 14190.	3.3	6
169	Surgical Treatment for Toe Deformities in Stiff-Person Syndrome. <i>JBJS Case Connector</i> , 2020, 10, e20.00008.	0.3	0
170	In vivo length change of ligaments of normal knees during dynamic high flexion. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 552.	1.9	6
171	Genetic Testing Distinguishes Multiple Chondroid Chordomas with Neuraxial Bone Metastases from Multicentric Tumors. <i>Case Reports in Genetics</i> , 2020, 2020, 1-6.	0.2	1
172	Robust Suture Combination for Rat Flexor Tendon Repair Model. <i>Journal of Hand Surgery Global Online</i> , 2020, 2, 354-358.	0.8	1
173	Implant Alignment and Patient Factors Affecting the Short-Term Patient-Reported Clinical Outcomes after Oxford Unicompartmental Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, 34, 1413-1420.	1.6	2
174	The incidence and risk factors for adjacent vertebral fractures in community-dwelling people with prevalent vertebral fracture: the 3rd and 4th survey of the ROAD study. <i>Archives of Osteoporosis</i> , 2020, 15, 74.	2.4	2
175	Skeletal muscle measurements predict surgical wound complications but not overall survival in patients with soft tissue sarcoma. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 1168-1174.	1.3	4
176	Associations of clinical outcomes and MRI findings in intra-articular administration of autologous adipose-derived stem cells for knee osteoarthritis. <i>Regenerative Therapy</i> , 2020, 14, 332-340.	3.0	14
177	Femoral migration of the cementless Oxford which caused the bearing dislocation: a report of two cases. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 356.	1.9	1
178	Hypoxia-inducible factor-1 alpha maintains mouse articular cartilage through suppression of NF- κ B signaling. <i>Scientific Reports</i> , 2020, 10, 5425.	3.3	37
179	Could automated machine-learned MRI grading aid epidemiological studies of lumbar spinal stenosis? Validation within the Wakayama spine study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 158.	1.9	16
180	Safety and effectiveness of peficitinib (ASP015K) in patients with rheumatoid arthritis: interim data (22.7 months mean peficitinib treatment) from a long-term, open-label extension study in Japan, Korea, and Taiwan. <i>Arthritis Research and Therapy</i> , 2020, 22, 47.	3.5	21

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181	Excision Arthroplasty With Interpositional Achilles Tendon Autograft: A Novel Approach to Talonavicular Joint Osteoarthritis Associated With Ankle Arthrodesis. <i>Journal of Foot and Ankle Surgery</i> , 2020, 59, 440-444.	1.0	1
182	Prevalence of cervical anterior and posterior spondylolisthesis and its association with degenerative cervical myelopathy in a general population. <i>Scientific Reports</i> , 2020, 10, 10455.	3.3	9
183	Influence of unintended dural tears on postoperative outcomes in lumbar surgery patients: a multicenter observational study with propensity scoring. <i>Spine Journal</i> , 2020, 20, 1968-1975.	1.3	8
184	Primary culture of mouse adipose and fibrous synovial fibroblasts under normoxic and hypoxic conditions. <i>Biomedical Research</i> , 2020, 41, 43-51.	0.9	1
185	Association between ossification of the longitudinal ligament of the cervical spine and arteriosclerosis in the carotid artery. <i>Scientific Reports</i> , 2020, 10, 3369.	3.3	9
186	Pathomechanism of intervertebral disc degeneration. <i>JOR Spine</i> , 2020, 3, e1076.	3.2	120
187	Clinical and radiographic analysis of unilateral versus bilateral instrumented one-level lateral lumbar interbody fusion. <i>Scientific Reports</i> , 2020, 10, 3105.	3.3	12
188	Stepwise strategy for generating osteoblasts from human pluripotent stem cells under fully defined xeno-free conditions with small-molecule inducers. <i>Regenerative Therapy</i> , 2020, 14, 19-31.	3.0	14
189	Minodronate combined with alfacalcidol versus alfacalcidol alone for glucocorticoid-induced osteoporosis: a multicenter, randomized, comparative study. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 511-521.	2.7	3
190	<p>Relationship Between Pain Reduction and Improvement in Health-Related Quality of Life in Patients with Knee Pain Due to Osteoarthritis Receiving Duloxetine: Exploratory Post Hoc Analysis of a Japanese Phase 3 Randomized Study</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 181-191.	2.0	4
191	Type 2 innate lymphoid cells inhibit the differentiation of osteoclasts and protect from ovariectomy-induced bone loss. <i>Bone</i> , 2020, 136, 115335.	2.9	19
192	Femorotibial rotational mismatch of the Oxford unicompartmental knee in the flexion position is a risk for poor outcomes. <i>Knee</i> , 2020, 27, 1064-1070.	1.6	6
193	Calcifying aponeurotic fibroma of the thigh: A differential diagnosis for infant knee contracture and leg length inequality (a case report). <i>International Journal of Surgery Case Reports</i> , 2020, 69, 96-100.	0.6	3
194	In vivo kinematic comparison before and after mobile-bearing unicompartmental knee arthroplasty during high-flexion activities. <i>Knee</i> , 2020, 27, 878-883.	1.6	6
195	Lubricin Contributes to Homeostasis of Articular Cartilage by Modulating Differentiation of Superficial Zone Cells. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 792-802.	2.8	18
196	High-throughput functional evaluation of BRCA2 variants of unknown significance. <i>Nature Communications</i> , 2020, 11, 2573.	12.8	38
197	Enhancement of chondrogenic differentiation supplemented by a novel small compound for chondrocyte-based tissue engineering. <i>Journal of Experimental Orthopaedics</i> , 2020, 7, 10.	1.8	7
198	Risk factors for progression of ossification of the posterior longitudinal ligament in asymptomatic subjects. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 316-322.	1.7	12

#	ARTICLE	IF	CITATIONS
199	Evaluation of the Minimum Clinically Important Differences of the Zurich Claudication Questionnaire in Patients With Lumbar Spinal Stenosis. <i>Clinical Spine Surgery</i> , 2020, 33, E499-E503.	1.3	7
200	Hydrated Phospholipid Polymer Gel-Like Layer for Increased Durability of Orthopedic Bearing Surfaces. <i>Langmuir</i> , 2019, 35, 1954-1963.	3.5	8
201	The effect of the "One Stretch"™ exercise on the improvement of low back pain in Japanese nurses: A large-scale, randomized, controlled trial. <i>Modern Rheumatology</i> , 2019, 29, 861-866.	1.8	15
202	Intraoperative mobile-bearing movement in Oxford unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2211-2217.	4.2	11
203	Simple and Robust Differentiation of Human Pluripotent Stem Cells toward Chondrocytes by Two Small-Molecule Compounds. <i>Stem Cell Reports</i> , 2019, 13, 530-544.	4.8	31
204	Factors related to the quality of life in patients with bone metastases. <i>Clinical and Experimental Metastasis</i> , 2019, 36, 441-448.	3.3	19
205	Development of nomograms for prognostication of patients with primary soft tissue sarcomas of the trunk and extremity: report from the Bone and Soft Tissue Tumor Registry in Japan. <i>BMC Cancer</i> , 2019, 19, 657.	2.6	12
206	Intraoperative Tibial Anteroposterior Axis Could Not Be Replicated After Tibial Osteotomy in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 2371-2375.	3.1	5
207	Non-inferior comparative study comparing one or two day antimicrobial prophylaxis after clean orthopaedic surgery (NOCOTA study): a study protocol for a cluster pseudo-randomized controlled trial comparing duration of antibiotic prophylaxis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 533.	1.9	4
208	Comparison of microendoscopic selective laminectomy versus conventional laminoplasty in patients with degenerative cervical myelopathy: a minimum 2-year follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 471.	1.9	10
209	Efficacy and safety of peficitinib (ASP015K) in patients with rheumatoid arthritis and an inadequate response to methotrexate: results of a phase III randomised, double-blind, placebo-controlled trial (RAJ4) in Japan. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1305-1319.	0.9	95
210	Reconstruction Using Frozen Autograft for Disseminated Phosphaturic Mesenchymal Tumor of the Humerus after a Pathological Fracture. <i>Case Reports in Orthopedics</i> , 2019, 2019, 1-7.	0.3	0
211	Mechanical regulation of bone homeostasis through p130Cas-mediated alleviation of NF- κ B activity. <i>Science Advances</i> , 2019, 5, eaau7802.	10.3	27
212	Adamts17 is involved in skeletogenesis through modulation of BMP-Smad1/5/8 pathway. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4795-4809.	5.4	26
213	Spinal cord swelling in patients with cervical compression myelopathy. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 284.	1.9	10
214	Prevalence and co-existence of locomotive syndrome, sarcopenia, and frailty: the third survey of Research on Osteoarthritis/Osteoporosis Against Disability (ROAD) study. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 1058-1066.	2.7	79
215	Lysophosphatidic acids and their substrate lysophospholipids in cerebrospinal fluid as objective biomarkers for evaluating the severity of lumbar spinal stenosis. <i>Scientific Reports</i> , 2019, 9, 9144.	3.3	25
216	Massively parallel sequencing of tenosynovial giant cell tumors reveals novel CSF1 fusion transcripts and novel somatic CBL mutations. <i>International Journal of Cancer</i> , 2019, 145, 3276-3284.	5.1	28

#	ARTICLE	IF	CITATIONS
217	Runx1 contributes to articular cartilage maintenance by enhancement of cartilage matrix production and suppression of hypertrophic differentiation. <i>Scientific Reports</i> , 2019, 9, 7666.	3.3	27
218	CTLA4-Ig Directly Inhibits Osteoclastogenesis by Interfering With Intracellular Calcium Oscillations in Bone Marrow Macrophages. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1744-1752.	2.8	16
219	Molecular understanding of pharmacological treatment of osteoporosis. <i>EFORT Open Reviews</i> , 2019, 4, 158-164.	4.1	17
220	Influence of incidental dural tears and their primary microendoscopic repairs on surgical outcomes in patients undergoing microendoscopic lumbar surgery. <i>Spine Journal</i> , 2019, 19, 1559-1565.	1.3	21
221	Hypoglossal Nerve Palsy as a Cause of Severe Dysphagia along with the Oropharyngeal Stenosis due to Occipitocervical Kyphosis. <i>Case Reports in Orthopedics</i> , 2019, 2019, 1-4.	0.3	2
222	Minimum Clinically Important Difference and Patient Acceptable Symptom State of Japanese Orthopaedic Association Score in Degenerative Cervical Myelopathy Patients. <i>Spine</i> , 2019, 44, 691-697.	2.0	47
223	Effects of the anti-RANKL antibody denosumab on joint structural damage in patients with rheumatoid arthritis treated with conventional synthetic disease-modifying antirheumatic drugs (DESIRABLE) <i>TJ</i> 2019, 78, 899-907.	0.784314	105
224	Predictive factors for complications after surgical treatment for schwannomas of the extremities. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 166.	1.9	14
225	Comprehensive assay for the molecular profiling of cancer by target enrichment from formalin-fixed paraffin-embedded specimens. <i>Cancer Science</i> , 2019, 110, 1464-1479.	3.9	48
226	Association Between Normothermia at the End of Surgery and Postoperative Complications Following Orthopedic Surgery. <i>Clinical Infectious Diseases</i> , 2019, 70, 474-482.	5.8	9
227	Successful Treatment of Atlantoaxial Subluxation in an Adolescent Patient with Brachytelephalangic Chondrodysplasia Punctata. <i>Case Reports in Orthopedics</i> , 2019, 2019, 1-5.	0.3	0
228	Minimum clinically important difference in outcome scores among patients undergoing cervical laminoplasty. <i>European Spine Journal</i> , 2019, 28, 1234-1241.	2.2	29
229	Development of a patient-oriented disease specific outcome measure of health-related quality of life (HRQOL) for musculoskeletal oncology patients. <i>Journal of Orthopaedic Science</i> , 2019, 24, 539-547.	1.1	4
230	Complications of implant removal in ankle fractures. <i>Journal of Orthopaedics</i> , 2019, 16, 191-194.	1.3	10
231	Bicruciate-stabilised total knee arthroplasty provides good functional stability during high-flexion weight-bearing activities. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2096-2103.	4.2	32
232	Early detection of bone metastases of hepatocellular carcinoma reduces bone fracture and paralysis. <i>Japanese Journal of Clinical Oncology</i> , 2019, 49, 529-536.	1.3	16
233	Excessive mechanical loading promotes osteoarthritis through the gremlin-1/NF- κ B pathway. <i>Nature Communications</i> , 2019, 10, 1442.	12.8	179
234	Can Elective Spine Surgery Be Performed Safely Among Nonagenarians?. <i>Spine</i> , 2019, 44, E273-E281.	2.0	14

#	ARTICLE	IF	CITATIONS
235	Cooperation of PU.1 With IRF8 and NFATc1 Defines Chromatin Landscapes During RANKL-Induced Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1143-1154.	2.8	24
236	Physical performance decreases in the early stage of cervical myelopathy before the myelopathic signs appear: the Wakayama Spine Study. <i>European Spine Journal</i> , 2019, 28, 1217-1224.	2.2	7
237	Factory and construction work is associated with an increased risk of severe lumbar spinal stenosis on MRI: A case control analysis within the wakayama spine study. <i>American Journal of Industrial Medicine</i> , 2019, 62, 430-438.	2.1	4
238	Infiltrative nature of tumor-induced osteomalacia lesions in bone: Correlation between radiological and histopathological features. <i>Journal of Orthopaedic Science</i> , 2019, 24, 900-905.	1.1	8
239	AB1322â€¦DEPRESSION IN ESTABLISHED RHEUMATOID ARTHRITIS; MULTICENTER PROSPECTIVE COHORT STUDY FOR EVALUATION OF JOINT SURGERY ON PATIENTâ€™S REPORTED OUTCOME. , 2019, , .		0
240	Classification of osteonecrosis of the femoral head. <i>Bone and Joint Research</i> , 2019, 8, 451-458.	3.6	44
241	Synovial Metallosis After Ceramic Total Ankle Arthroplasty Treated With a Total Talar Prosthesis: A Case Report. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 1010-1013.	1.0	4
242	<p>Prevalence of Facet Effusion and Its Relationship with Lumbar Spondylolisthesis and Low Back Pain: The Wakayama Spine Study</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 3521-3528.	2.0	14
243	Efficacy and safety of peficitinib (ASPO15K) in patients with rheumatoid arthritis and an inadequate response to conventional DMARDs: a randomised, double-blind, placebo-controlled phase III trial (RAJ3). <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1320-1332.	0.9	85
244	Oral administration of EP4-selective agonist KAG-308 suppresses mouse knee osteoarthritis development through reduction of chondrocyte hypertrophy and TNF secretion. <i>Scientific Reports</i> , 2019, 9, 20329.	3.3	9
245	Wnt/ β -catenin signaling contributes to articular cartilage homeostasis through lubricin induction in the superficial zone. <i>Arthritis Research and Therapy</i> , 2019, 21, 247.	3.5	38
246	Association between high fear-avoidance beliefs about physical activity and chronic disabling low back pain in nurses in Japan. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 572.	1.9	26
247	Hypermobil Medial Meniscus. <i>JBJS Case Connector</i> , 2019, 9, e0216-e0216.	0.3	2
248	Prediction of the pathological fracture risk during stance and fall-loading configurations for metastases in the proximal femur, using a computed tomography-based finite element method. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1074-1080.	1.1	6
249	Is radiographic lumbar spondylolisthesis associated with occupational exposures? Findings from a nested case control study within the Wakayama spine study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 618.	1.9	8
250	Multiple turns: Potential risk factor for falls on the way to the toilet. <i>Geriatrics and Gerontology International</i> , 2019, 19, 1293-1295.	1.5	3
251	Gorham-Stout Syndrome of the Shoulder Girdle Successfully Controlled by Antiresorptive Agents. <i>JBJS Case Connector</i> , 2019, 9, e0285-e0285.	0.3	5
252	Effects of a roughened femoral head and the locus of grafting on the wear resistance of the phospholipid polymer-grafted acetabular liner. <i>Acta Biomaterialia</i> , 2019, 86, 338-349.	8.3	1

#	ARTICLE	IF	CITATIONS
253	Potential pathological mechanisms of L3 degenerative spondylolisthesis in lumbar spinal stenosis patients: A case-control study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 596-600.	1.1	1
254	Multi-layered PLLA-nanosheets loaded with FGF-2 induce robust bone regeneration with controlled release in critical-sized mouse femoral defects. <i>Acta Biomaterialia</i> , 2019, 85, 172-179.	8.3	44
255	Meniscal bearing dislocation while rolling over in sleep following Oxford medial unicompartmental knee arthroplasty. <i>Knee</i> , 2019, 26, 267-272.	1.6	12
256	Variations in sagittal and coronal stem tilt and their impact on prosthetic impingement in total hip arthroplasty. <i>Artificial Organs</i> , 2019, 43, 569-576.	1.9	2
257	Does Posterior Scoliosis Correction Improve Respiratory Function in Adolescent Idiopathic Scoliosis? A Systematic Review and Meta-analysis. <i>Global Spine Journal</i> , 2019, 9, 866-873.	2.3	12
258	Body composition as a predictor of toxicity after treatment with eribulin for advanced soft tissue sarcoma. <i>International Journal of Clinical Oncology</i> , 2019, 24, 437-444.	2.2	10
259	Autoregulation of Osteocyte Sema3A Orchestrates Estrogen Action and Counteracts Bone Aging. <i>Cell Metabolism</i> , 2019, 29, 627-637.e5.	16.2	112
260	Effect of the small compound TD 198946 on glycosaminoglycan synthesis and transforming growth factor β 3-associated chondrogenesis of human synovium-derived stem cells in vitro. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 446-458.	2.7	10
261	Differences in prevalence and associated factors between mild and severe vertebral fractures in Japanese men and women: the third survey of the ROAD study. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 844-853.	2.7	25
262	Guideposts for Inserting Intercuneiform Joint Arthrodesis Screws: Analysis Using Multiplanar Reconstructed Computed Tomography. <i>Foot and Ankle Specialist</i> , 2019, 12, 175-180.	1.0	1
263	Mental State Can Influence the Degree of Postoperative Axial Neck Pain Following Cervical Laminoplasty. <i>Global Spine Journal</i> , 2019, 9, 292-297.	2.3	14
264	The Relationship between Soft-Tissue Balance and Intraoperative Kinematics of Guided Motion Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2019, 32, 091-096.	1.6	20
265	The utility of 25-question Geriatric Locomotive Function Scale for evaluating functional ability and disease activity in Japanese rheumatoid arthritis patients: A cross-sectional study using Ninja database. <i>Modern Rheumatology</i> , 2019, 29, 328-334.	1.8	20
266	Pulmonary embolism associated with upper extremity deep venous thrombosis after shoulder arthroscopy: A case report. <i>Journal of Orthopaedic Science</i> , 2019, 24, 746-749.	1.1	4
267	RANKL is a therapeutic target of bone destruction in rheumatoid arthritis. <i>F1000Research</i> , 2019, 8, 533.	1.6	25
268	Effect of depression and anxiety on health-related quality of life outcomes and patient satisfaction after surgery for cervical compressive myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 816-823.	1.7	22
269	Epidemiology of the Locomotive Organ Diseases. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2019, , 69-81.	0.1	1
270	Evaluation of the three-dimensional bony coverage before and after rotational acetabular osteotomy. <i>International Orthopaedics</i> , 2018, 42, 2527-2534.	1.9	5

#	ARTICLE	IF	CITATIONS
271	In-hospital mortality and morbidity of pediatric scoliosis surgery in Japan. <i>Medicine (United States)</i> , 2018, 97, e0277.	1.0	12
272	Alteration of gait parameters in a mouse model of surgically induced knee osteoarthritis. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901876801.	1.0	7
273	Outcomes of Bilateral vs Unilateral Ankle Arthrodesis. <i>Foot and Ankle International</i> , 2018, 39, 530-534.	2.3	10
274	The effect of switching from teriparatide to anti-RANKL antibody on cancellous and cortical bone in ovariectomized mice. <i>Bone</i> , 2018, 107, 18-26.	2.9	12
275	A phospholipid polymer graft layer affords high resistance for wear and oxidation under load bearing conditions. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 79, 203-212.	3.1	8
276	Bone-Patellar Tendon-Bone Autograft versus Hamstring Tendon Autograft for Anatomical Anterior Cruciate Ligament Reconstruction with Three-Dimensional Validation of Femoral and Tibial Tunnel Positions. <i>Journal of Knee Surgery</i> , 2018, 31, 866-874.	1.6	13
277	Lateral collapse of the tarsal navicular in patients with rheumatoid arthritis: Implications for pes planovarus deformity. <i>Modern Rheumatology</i> , 2018, 28, 800-807.	1.8	0
278	Does intrawound vancomycin powder reduce surgical site infection after posterior instrumented spinal surgery? A propensity score-matched analysis. <i>Spine Journal</i> , 2018, 18, 2205-2212.	1.3	42
279	Development of the Japanese Core Outcome Measures Index (COMI): cross-cultural adaptation and psychometric validation. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 71.	1.9	10
280	Surgical timing of anterior cruciate ligament reconstruction to prevent associated meniscal and cartilage lesions. <i>Journal of Orthopaedic Science</i> , 2018, 23, 546-551.	1.1	18
281	In-hospital complication rate following microendoscopic versus open lumbar laminectomy: a propensity score-matched analysis. <i>Spine Journal</i> , 2018, 18, 1815-1821.	1.3	30
282	Correlation and differences in cervical sagittal alignment parameters between cervical radiographs and magnetic resonance images. <i>European Spine Journal</i> , 2018, 27, 1408-1415.	2.2	17
283	Real-world evidence of raloxifene versus alendronate in preventing non-vertebral fractures in Japanese women with osteoporosis: retrospective analysis of a hospital claims database. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 87-94.	2.7	9
284	Serum levels of matrix metalloproteinase-3 and autoantibodies related to rheumatoid arthritis in the general Japanese population and their association with osteoporosis and osteoarthritis: the ROAD study. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 246-253.	2.7	6
285	The effects of presence of a backside screw hole on biotribological behavior of phospholipid polymer-grafted crosslinked polyethylene. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 610-618.	3.4	2
286	Wear resistance of poly(2-methacryloyloxyethyl phosphorylcholine)-grafted carbon fiber reinforced poly(ether ether ketone) liners against metal and ceramic femoral heads. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1028-1037.	3.4	18
287	Neutrophil-to-lymphocyte ratio after pazopanib treatment predicts response in patients with advanced soft-tissue sarcoma. <i>International Journal of Clinical Oncology</i> , 2018, 23, 368-374.	2.2	21
288	A Mouse Intervertebral Disc Degeneration Model by Surgically Induced Instability. <i>Spine</i> , 2018, 43, E557-E564.	2.0	31

#	ARTICLE	IF	CITATIONS
289	RANKL: A therapeutic target for bone destruction in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2018, 28, 9-16.	1.8	63
290	Validation and reliability of the Timed Up and Go test for measuring objective functional impairment in patients with long-standing rheumatoid arthritis: a cross-sectional study. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1793-1800.	1.9	10
291	Assessing joint destruction in the knees of patients with rheumatoid arthritis by using a semi-automated software for magnetic resonance imaging: therapeutic effect of methotrexate plus etanercept compared with methotrexate monotherapy. <i>Modern Rheumatology</i> , 2018, 28, 235-241.	1.8	0
292	Prevalence and Natural Course of Transverse Ligament of the Atlas Calcification in Asymptomatic Healthy Individuals. <i>Spine</i> , 2018, 43, E1469-E1473.	2.0	2
293	Intra-articular administration of JAK kinase inhibitor suppresses mouse knee osteoarthritis via downregulation of the NF- κ B/HIF-2 α axis. <i>Scientific Reports</i> , 2018, 8, 16475.	3.3	33
294	The relationship between anteroposterior stability and medial-lateral stability of the bi-cruciate stabilized total knee arthroplasty. <i>Knee</i> , 2018, 25, 1247-1253.	1.6	20
295	Bilateral Stress Fractures of the Talus Associated with Adult-Acquired Flatfoot Deformities. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-6.	0.3	2
296	Letter to the Editor concerning "The META score for differentiating metastatic from osteoporotic vertebral fractures: an independent agreement assessment" by Besa et al. <i>Spine Journal</i> , 2018, 18, 2167-2168.	1.3	1
297	Heterotopic Ossification of the Peroneus Longus Tendon in the Retromalleolar Portion with the Peroneus Quartus Muscle: A Case Report. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-5.	0.3	4
298	Risk factors for surgical site infection after lumbar laminectomy and/or discectomy for degenerative diseases in adults: A prospective multicenter surveillance study with registry of 4027 cases. <i>PLoS ONE</i> , 2018, 13, e0205539.	2.5	19
299	Utility of Oblique Sagittal Reformatted and Three-dimensional Surface Reconstruction Computed Tomography in Foraminal Stenosis Decompression. <i>Scientific Reports</i> , 2018, 8, 16011.	3.3	6
300	Target setting for lower limb joint surgery using the Timed Up and Go test in patients with rheumatoid arthritis: A prospective cohort study. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1801-1808.	1.9	7
301	Wrist Arthrodesis in Rheumatoid Arthritis Using an LCP Metaphyseal Locking Plate versus an AO Wrist Fusion Plate. <i>International Journal of Rheumatology</i> , 2018, 2018, 1-8.	1.6	2
302	Validation study of a diagnostic scoring system for sacroiliac joint-related pain. <i>Journal of Pain Research</i> , 2018, Volume 11, 1659-1663.	2.0	5
303	Radiological Fusion Criteria of Postoperative Anterior Cervical Discectomy and Fusion: A Systematic Review. <i>Global Spine Journal</i> , 2018, 8, 739-750.	2.3	54
304	Total Hip Arthroplasty in a Patient with Oto-Spondylo-Megaepiphyseal Dysplasia Planned by Three-Dimensional Motion Analyses and Full-Scale Three-Dimensional Plaster Model of Bones. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-5.	0.3	0
305	Annual trends in arthroscopic meniscus surgery: Analysis of a national database in Japan. <i>PLoS ONE</i> , 2018, 13, e0194854.	2.5	19
306	Emerging anti-osteoclast therapy for rheumatoid arthritis. <i>Journal of Orthopaedic Science</i> , 2018, 23, 717-721.	1.1	25

#	ARTICLE	IF	CITATIONS
307	Repair Integrity and Functional Outcomes After Arthroscopic Suture Bridge Subscapularis Tendon Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 2541-2548.	2.7	20
308	Secondary Chondrosarcoma Presenting with Symptoms Similar to Thoracic Outlet Syndrome. Case Reports in Orthopedics, 2018, 2018, 1-5.	0.3	3
309	The outcomes and prognostic factors in patients with osteosarcoma according to age: a Japanese nationwide study with focusing on the age differences. <i>BMC Cancer</i> , 2018, 18, 614.	2.6	26
310	Integrated genetic and epigenetic analysis of myxofibrosarcoma. <i>Nature Communications</i> , 2018, 9, 2765.	12.8	54
311	Factors associated with lumbar spinal stenosis in a large-scale, population-based cohort: The Wakayama Spine Study. <i>PLoS ONE</i> , 2018, 13, e0200208.	2.5	19
312	Age independency of mobility decrease assessed using the Locomotive Syndrome Risk Test in elderly with disability: a cross-sectional study. <i>BMC Geriatrics</i> , 2018, 18, 28.	2.7	20
313	Disability due to knee pain and somatising tendency in Japanese adults. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 23.	1.9	3
314	Factors related to subjective satisfaction following microendoscopic foraminotomy for cervical radiculopathy. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 30.	1.9	6
315	Atopic dermatitis is a novel demographic risk factor for surgical site infection after anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3699-3705.	4.2	18
316	Surgical management for a huge presacral teratoma and a meningocele in an adult with Currarino triad: a case report. <i>Surgical Case Reports</i> , 2018, 4, 9.	0.6	6
317	A comparative study of three conservative treatments in patients with lumbar spinal stenosis: lumbar spinal stenosis with acupuncture and physical therapy study (LAP study). <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 19.	3.7	33
318	Nutrient foramen location on the laminae provides a landmark for pedicle screw entry: a cadaveric study. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 293.	1.9	3
319	Association between somatic symptom burden and health-related quality of life in people with chronic low back pain. <i>PLoS ONE</i> , 2018, 13, e0193208.	2.5	26
320	Comparison of Freehand Sagittal Trajectories for Inserting Pedicle Screws Between C7 and T5. <i>Clinical Spine Surgery</i> , 2018, 31, E357-E362.	1.3	8
321	Characteristics of functional impairment in patients with long-standing rheumatoid arthritis based on range of motion of joints: Baseline data from a multicenter prospective observational cohort study to evaluate the effectiveness of joint surgery in the treat-to-target era. <i>Modern Rheumatology</i> , 2018, 28, 474-481.	1.8	10
322	The relationship between findings on magnetic resonance imaging and previous history of low back pain. <i>Journal of Pain Research</i> , 2017, Volume 10, 47-52.	2.0	11
323	Thoracic intradural extramedullary lesions causing progressive myelopathy as an initial manifestation of granulomatosis with polyangiitis: a case report and review of literature. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 122-125.	1.4	2
324	A modified technique to reduce tibial keel cutting errors during an Oxford unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 710-716.	4.2	10

#	ARTICLE	IF	CITATIONS
325	Progression, incidence, and risk factors for intervertebral disc degeneration in a longitudinal population-based cohort: the Wakayama Spine Study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1122-1131.	1.3	93
326	Prognostic factors associated with the surgical indication for lumbar spinal stenosis patients less responsive to conservative treatments. <i>Journal of Orthopaedic Science</i> , 2017, 22, 411-414.	1.1	10
327	Three-dimensional fluoroscopic navigation-assisted surgery for tumors in patients with tumor-induced osteomalacia in the bones. <i>Computer Assisted Surgery</i> , 2017, 22, 14-19.	1.3	14
328	RANKL-Independent Osteoclastogenesis: A Long-Standing Controversy. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 431-433.	2.8	28
329	Anterior cage dislodgement in posterior lumbar interbody fusion: a review of 12 patients. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 48-55.	1.7	17
330	Effects of initial graft tension on femoral tunnel widening after anatomic anterior cruciate ligament reconstruction using a boneâ€“patellar tendonâ€“bone graft. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 1285-1291.	2.4	18
331	Seasonal Variations in the Risk of Reoperation for Surgical Site Infection Following Elective Spinal Fusion Surgery. <i>Spine</i> , 2017, 42, 1068-1079.	2.0	17
332	Capturing microscopic features of bone remodeling into a macroscopic model based on biological rationales of bone adaptation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1697-1708.	2.8	10
333	Highly recurrent <i>H3F3A</i> mutations with additional epigenetic regulator alterations in giant cell tumor of bone. <i>Genes Chromosomes and Cancer</i> , 2017, 56, 711-718.	2.8	20
334	Association of Lumbar Spondylolisthesis With Low Back Pain and Symptomatic Lumbar Spinal Stenosis in a Population-based Cohort. <i>Spine</i> , 2017, 42, E666-E671.	2.0	18
335	The prevalence of tandem spinal stenosis and its characteristics in a population-based MRI study: The Wakayama Spine Study. <i>European Spine Journal</i> , 2017, 26, 2529-2535.	2.2	26
336	The role of medial meniscus posterior root tear and proximal tibial morphology in the development of spontaneous osteonecrosis and osteoarthritis of the knee. <i>Knee</i> , 2017, 24, 390-395.	1.6	50
337	The Japanese version of the STarT Back Tool predicts 6-month clinical outcomes of low back pain. <i>Journal of Orthopaedic Science</i> , 2017, 22, 224-229.	1.1	13
338	Skeletal-related events and prognosis in urothelial cancer patients with bone metastasis. <i>International Journal of Clinical Oncology</i> , 2017, 22, 548-553.	2.2	18
339	Prevalence and clinical outcomes of hip fractures and subchondral insufficiency fractures of the femoral head in patients with tumour-induced osteomalacia. <i>International Orthopaedics</i> , 2017, 41, 2597-2603.	1.9	15
340	Identification of a p53 target, CD137L, that mediates growth suppression and immune response of osteosarcoma cells. <i>Scientific Reports</i> , 2017, 7, 10739.	3.3	3
341	Is high T-1 slope a significant risk factor for developing interlaminar bony fusion after cervical laminoplasty? A retrospective cohort study. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 627-632.	1.7	5
342	Chd7 Collaborates with Sox2 to Regulate Activation of Oligodendrocyte Precursor Cells after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2017, 37, 10290-10309.	3.6	31

#	ARTICLE	IF	CITATIONS
343	Trends in Treatment, Outcomes, and Incidence of Orthopedic Surgery in Patients with Rheumatoid Arthritis: An Observational Cohort Study Using the Japanese National Database of Rheumatic Diseases. <i>Journal of Rheumatology</i> , 2017, 44, 1575-1582.	2.0	39
344	Improvement of walking ability during postoperative rehabilitation with the hybrid assistive limb after total knee arthroplasty: A randomized controlled study. <i>SAGE Open Medicine</i> , 2017, 5, 205031211771288.	1.8	21
345	Annual trends in knee arthroplasty and tibial osteotomy: Analysis of a national database in Japan. <i>Knee</i> , 2017, 24, 1198-1205.	1.6	30
346	Effects of Material Thickness and Surface Modification of Cross-linked Polyethylene with Poly(2-Methacryloyloxyethyl Phosphorylcholine) on Its Deformation Behavior, Wear Resistance, and Durability Under Repetitive Impact-to-sliding Motion. <i>Biotribology</i> , 2017, 10, 35-41.	1.9	1
347	Pseudotumour occurring after a metal-on-metal total hip arthroplasty that was diagnosed based on venous congestion in unilateral leg: a case report. <i>Modern Rheumatology Case Reports</i> , 2017, 1, 68-72.	0.7	0
348	Clinical and Radiographic Outcomes of Total Hip Arthroplasty With a Specific Liner in Small Asian Patients: Influence of Patient-Related, Implant-Related, and Surgical Factors on Femoral Head Penetration. <i>Journal of Arthroplasty</i> , 2017, 32, 3065-3070.	3.1	1
349	Molecular mechanisms underlying osteoarthritis development: Notch and NF- κ B. <i>Arthritis Research and Therapy</i> , 2017, 19, 94.	3.5	139
350	Sandwich-type PLLA-nanosheets loaded with BMP-2 induce bone regeneration in critical-sized mouse calvarial defects. <i>Acta Biomaterialia</i> , 2017, 59, 12-20.	8.3	32
351	Regulation of Chondrocyte Survival in Mouse Articular Cartilage by p63. <i>Arthritis and Rheumatology</i> , 2017, 69, 598-609.	5.6	19
352	Relationship between roentgenographic joint destruction in the hands and functional disorders among patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2017, 27, 828-832.	1.8	2
353	A hydrated phospholipid polymer-grafted layer prevents lipid-related oxidative degradation of cross-linked polyethylene. <i>Biomaterials</i> , 2017, 112, 122-132.	11.4	15
354	Epidemiology of the locomotive syndrome: The research on osteoarthritis/osteoporosis against disability study 2005-2015. <i>Modern Rheumatology</i> , 2017, 27, 1-7.	1.8	93
355	Is osteoporosis a predictor for future sarcopenia or vice versa? Four-year observations between the second and third ROAD study surveys. <i>Osteoporosis International</i> , 2017, 28, 189-199.	3.1	143
356	Mortality and morbidity after spinal surgery in patients with Parkinson's disease: a retrospective matched-pair cohort study. <i>Spine Journal</i> , 2017, 17, 531-537.	1.3	42
357	C7 sagittal vertical axis is the determinant of the C5-C7 angle in cervical sagittal alignment. <i>Spine Journal</i> , 2017, 17, 622-626.	1.3	12
358	Clinical safety and wear resistance of the phospholipid polymer-grafted highly cross-linked polyethylene liner. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2007-2016.	2.3	24
359	Lymphaticovenous Anastomoses for Lymphedema Complicated by Severe Lymphorrhea Following Resection of Soft-Tissue Sarcomas of the Adductor Compartment. <i>JBJS Case Connector</i> , 2017, 7, e80-e80.	0.3	5
360	Anterior Impingement Syndrome of the Ankle Caused by Osteoid Osteoma in the Talar Neck Treated with Arthroscopy and 3D C-Arm-Based Imaging. <i>Case Reports in Orthopedics</i> , 2017, 2017, 1-6.	0.3	4

#	ARTICLE	IF	CITATIONS
361	Recalcitrant Lateral Premalleolar Bursitis of the Ankle Associated with Lateral Ankle Instability. Case Reports in Orthopedics, 2017, 2017, 1-4.	0.3	4
362	Multiple Acrometastases in a Patient with Renal Pelvic Urothelial Cancer. Case Reports in Urology, 2017, 2017, 1-4.	0.3	5
363	Stenosing Tenosynovitis of the Flexor Hallucis Longus Tendon Associated with the Plantar Capsular Accessory Ossicle at the Interphalangeal Joint of the Great Toe. Case Reports in Orthopedics, 2017, 2017, 1-5.	0.3	3
364	Epidemiology and psychological factors of whiplash associated disorders in Japanese population. Journal of Physical Therapy Science, 2017, 29, 1510-1513.	0.6	6
365	Prognostic psychosocial factors for disabling low back pain in Japanese hospital workers. PLoS ONE, 2017, 12, e0177908.	2.5	18
366	MRI-defined paraspinal muscle morphology in Japanese population: The Wakayama Spine Study. PLoS ONE, 2017, 12, e0187765.	2.5	65
367	The associations between magnetic resonance imaging findings and low back pain: A 10-year longitudinal analysis. PLoS ONE, 2017, 12, e0188057.	2.5	40
368	Sagittal spino-pelvic alignment in adults: The Wakayama Spine Study. PLoS ONE, 2017, 12, e0178697.	2.5	89
369	Estimated risk for chronic pain determined using the generic STarT Back 5-item screening tool. Journal of Pain Research, 2017, Volume 10, 461-467.	2.0	7
370	Different regulation of limb development by p63 transcript variants. PLoS ONE, 2017, 12, e0174122.	2.5	4
371	Negative feedback loop of bone resorption by NFATc1-dependent induction of Cadm1. PLoS ONE, 2017, 12, e0175632.	2.5	13
372	Risk factors for incidental durotomy during posterior open spine surgery for degenerative diseases in adults: A multicenter observational study. PLoS ONE, 2017, 12, e0188038.	2.5	27
373	A Patient-Specific Instrument for Femoral Stem Placement During Total Hip Arthroplasty. Orthopedics, 2017, 40, e374-e377.	1.1	11
374	Radical surgery consisting of en bloc corpectomy in recurrence after palliative surgery for spinal metastasis. Spine Surgery and Related Research, 2017, 1, 96-99.	0.7	3
375	Missed Medial Malleolar Fracture Associated With Achilles Tendon Rupture: A Case Report and Literature Review. Journal of Foot and Ankle Surgery, 2016, 55, 169-172.	1.0	4
376	Identification of Nedd9 as a TGF- β 2-Smad2/3 Target Gene Involved in RANKL-Induced Osteoclastogenesis by Comprehensive Analysis. PLoS ONE, 2016, 11, e0157992.	2.5	11
377	Grey-scale sonography and sonoelastography for diagnosing carpal tunnel syndrome. World Journal of Radiology, 2016, 8, 281.	1.1	27
378	Interdigital Neuroma in the Second Intermetatarsal Space Associated with Metatarsophalangeal Joint Instability. Case Reports in Orthopedics, 2016, 2016, 1-6.	0.3	3

#	ARTICLE	IF	CITATIONS
379	The crucial role of Erk2 in demyelinating inflammation in the central nervous system. <i>Journal of Neuroinflammation</i> , 2016, 13, 235.	7.2	15
380	Predictive Factors for Subjective Improvement in Lumbar Spinal Stenosis Patients with Nonsurgical Treatment: A 3-Year Prospective Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0148584.	2.5	14
381	Diagnosing Discogenic Low Back Pain Associated with Degenerative Disc Disease Using a Medical Interview. <i>PLoS ONE</i> , 2016, 11, e0166031.	2.5	11
382	Cervical Anterolisthesis. <i>Spine</i> , 2016, 41, E467-E473.	2.0	27
383	Effect of Preoperative Sagittal Balance on Cervical Laminoplasty Outcomes. <i>Spine</i> , 2016, 41, E1265-E1270.	2.0	34
384	Time trends and risk factors for perioperative complications in total ankle arthroplasty: retrospective analysis using a national database in Japan. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 450.	1.9	25
385	Comparison of mouse and human ankles and establishment of mouse ankle osteoarthritis models by surgically-induced instability. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 688-697.	1.3	22
386	A population approach to analyze the effectiveness of a back extension exercise "One Stretch" in patients with low back pain: A replication study. <i>Journal of Orthopaedic Science</i> , 2016, 21, 414-418.	1.1	9
387	The effect of cartilage degeneration on ultrasound speed in human articular cartilage. <i>Modern Rheumatology</i> , 2016, 26, 426-434.	1.8	2
388	Correlations of Cervical Sagittal Alignment before and after Occipitocervical Fusion. <i>Global Spine Journal</i> , 2016, 6, 362-369.	2.3	22
389	Extensive ossification of the paraspinal ligaments in a patient with vitamin D-resistant rickets: Case report with literature review. <i>International Journal of Surgery Case Reports</i> , 2016, 27, 125-128.	0.6	10
390	Patient Satisfaction with Posterior Decompression Surgery for Cervical Ossification of the Posterior Longitudinal Ligament: Prognostic Radiographic Factors and Patient-Reported Outcomes for the Effectiveness of Surgical Treatment. <i>World Neurosurgery</i> , 2016, 96, 272-279.	1.3	19
391	Effects of extra irradiation on surface and bulk properties of <i>PMPC</i> -grafted crosslinked polyethylene. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 37-47.	4.0	4
392	Treatment of spinal cord injury by an advanced cell transplantation technology using brain-derived neurotrophic factor-transfected mesenchymal stem cell spheroids. <i>Biomaterials</i> , 2016, 109, 1-11.	11.4	50
393	Smad4 is required to inhibit osteoclastogenesis and maintain bone mass. <i>Scientific Reports</i> , 2016, 6, 35221.	3.3	17
394	Biphasic regulation of chondrocytes by RelA through induction of anti-apoptotic and catabolic target genes. <i>Nature Communications</i> , 2016, 7, 13336.	12.8	73
395	The Serum Phosphorylated Neurofilament Heavy Subunit as a Predictive Marker for Outcome in Adult Patients after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1826-1833.	3.4	27
396	Complications and Postoperative Mortality Rate After Surgery for Pathological Femur Fracture Related to Bone Metastasis: Analysis of a Nationwide Database. <i>Annals of Surgical Oncology</i> , 2016, 23, 801-810.	1.5	41

#	ARTICLE	IF	CITATIONS
397	Does the microendoscopic technique reduce mortality and major complications in patients undergoing lumbar discectomy? A propensity score-matched analysis using a nationwide administrative database. <i>Neurosurgical Focus</i> , 2016, 40, E5.	2.3	14
398	Risk of infectious complications associated with blood transfusion in elective spinal surgery—a propensity score matched analysis. <i>Spine Journal</i> , 2016, 16, 55-60.	1.3	66
399	Evaluation of wear suppression for phospholipid polymer-grafted ultra-high molecular weight polyethylene at concentrated contact. <i>Tribology International</i> , 2016, 101, 264-272.	5.9	5
400	Myositis ossificans after navigated knee surgery: A report of two cases and literature review. <i>Knee</i> , 2016, 23, 561-564.	1.6	3
401	Impingement of the Mobile Bearing on the Lateral Wall of the Tibial Tray in Unicompartmental Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 1459-1464.	3.1	21
402	Postoperative outcomes of major lower extremity amputations in patients with diabetes and peripheral artery disease: analysis using the Diagnosis Procedure Combination database in Japan. <i>American Journal of Surgery</i> , 2016, 212, 446-450.	1.8	17
403	Prevalence of radiographic hip osteoarthritis and its association with hip pain in Japanese men and women: the ROAD study. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 117-123.	1.3	52
404	Prevalence of hand osteoarthritis and its relationship to hand pain and grip strength in Japan: The third survey of the ROAD study. <i>Modern Rheumatology</i> , 2016, 26, 767-773.	1.8	42
405	Prevalence of total knee arthroplasty and its predictive factors in Japanese patients with rheumatoid arthritis: Analysis using the Ninja cohort. <i>Modern Rheumatology</i> , 2016, 26, 36-39.	1.8	3
406	The impact of joint disease on the Modified Health Assessment Questionnaire scores in rheumatoid arthritis patients: A cross-sectional study using the National Database of Rheumatic Diseases by iR-net in Japan. <i>Modern Rheumatology</i> , 2016, 26, 529-533.	1.8	14
407	Twice cutting method reduces tibial cutting error in unicompartmental knee arthroplasty. <i>Knee</i> , 2016, 23, 173-176.	1.6	7
408	Disappearance of lung adenocarcinoma after total en bloc spondylectomy using frozen tumor-bearing vertebra for reconstruction. <i>European Spine Journal</i> , 2016, 25, 53-57.	2.2	8
409	Total Talar Replacement for Idiopathic Necrosis of the Talus: A Case Report. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 1292-1296.	1.0	41
410	Prediction of proximal femur strength by a quantitative computed tomography-based finite element method—Creation of predicted strength data of the proximal femur according to age range in a normal population. <i>Modern Rheumatology</i> , 2016, 26, 151-155.	1.8	14
411	Dnmt3a Regulates Proliferation of Muscle Satellite Cells via p57Kip2. <i>PLoS Genetics</i> , 2016, 12, e1006167.	3.5	44
412	Metabolic Syndrome Components Are Associated with Intervertebral Disc Degeneration: The Wakayama Spine Study. <i>PLoS ONE</i> , 2016, 11, e0147565.	2.5	40
413	Psychometric Properties of the Japanese Version of the STarT Back Tool in Patients with Low Back Pain. <i>PLoS ONE</i> , 2016, 11, e0152019.	2.5	30
414	The Association between the Cross-Sectional Area of the Dural Sac and Low Back Pain in a Large Population: The Wakayama Spine Study. <i>PLoS ONE</i> , 2016, 11, e0160002.	2.5	16

#	ARTICLE	IF	CITATIONS
415	Classification of High Intensity Zones of the Lumbar Spine and Their Association with Other Spinal MRI Phenotypes: The Wakayama Spine Study. PLoS ONE, 2016, 11, e0160111.	2.5	30
416	Acute obstructive hydrocephalus complicating decompression surgery of the craniovertebral junction. Journal of Innovative Optical Health Sciences, 2016, 11, 311-312.	1.0	4
417	Snapping Pes Syndrome after Unicompartmental Knee Arthroplasty. Knee Surgery and Related Research, 2016, 28, 172-175.	4.2	11
418	Quadriceps muscle strength, radiographic knee osteoarthritis and knee pain: the ROAD study. BMC Musculoskeletal Disorders, 2015, 16, 305.	1.9	72
419	Temporal Trends in Characteristics of Newly Diagnosed Nontraumatic Osteonecrosis of the Femoral Head From 1997 to 2011: A Hospital-Based Sentinel Monitoring System in Japan. Journal of Epidemiology, 2015, 25, 437-444.	2.4	26
420	Association between dementia and postoperative complications after hip fracture surgery in the elderly: analysis of 87,654 patients using a national administrative database. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 1511-1517.	2.4	69
421	Urinary 8-iso-prostaglandin F ₂ ± as a marker of metabolic risks in the general Japanese population: The ROAD study. Obesity, 2015, 23, 1517-1524.	3.0	19
422	Evaluation of Comorbidity Indices for a Study of Patient Outcomes Following Cervical Decompression Surgery. Spine, 2015, 40, 1941-1947.	2.0	10
423	Regulation of mouse chondrocyte differentiation by CCAAT/enhancer-binding proteins. Biomedical Research, 2015, 36, 21-29.	0.9	17
424	Long-Term Outcomes of Cervical Laminoplasty in the Elderly. BioMed Research International, 2015, 2015, 1-7.	1.9	14
425	Effects of Surface Modification and Bulk Geometry on the Biotribological Behavior of Cross-Linked Polyethylene: Wear Testing and Finite Element Analysis. BioMed Research International, 2015, 2015, 1-10.	1.9	4
426	Hyaline cartilage formation and tumorigenesis of implanted tissues derived from human induced pluripotent stem cells. Biomedical Research, 2015, 36, 179-186.	0.9	37
427	Clinical and radiographic outcomes of total hip replacement with poly(2-methacryloyloxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 1 prospective consecutive series. Modern Rheumatology, 2015, 25, 286-291.	1.8	28
428	Wear resistance of the biocompatible phospholipid polymer-grafted highly cross-linked polyethylene liner against larger femoral head. Journal of Orthopaedic Research, 2015, 33, 1103-1110.	2.3	22
429	Joint space narrowing, body mass index, and knee pain: the ROAD study (OAC1839R1). Osteoarthritis and Cartilage, 2015, 23, 874-881.	1.3	34
430	Influences of dehydration and rehydration on the lubrication properties of phospholipid polymer-grafted cross-linked polyethylene. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 506-514.	1.8	10
431	Phosphorylated neurofilament subunit levels in the serum of cervical compressive myelopathy patients. Journal of Clinical Neuroscience, 2015, 22, 1638-1642.	1.5	10
432	Hand-Held Bone Cutting Tool With Autonomous Penetration Detection for Spinal Surgery. IEEE/ASME Transactions on Mechatronics, 2015, 20, 3018-3027.	5.8	30

#	ARTICLE	IF	CITATIONS
433	Perioperative stroke in patients undergoing elective spinal surgery: a retrospective analysis using the Japanese diagnosis procedure combination database. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 276.	1.9	14
434	Individual and combining effects of anti-RANKL monoclonal antibody and teriparatide in ovariectomized mice. <i>Bone Reports</i> , 2015, 2, 1-7.	0.4	21
435	Multidirectional Wear and Impact-to-wear Tests of Phospholipid-polymer-grafted and Vitamin E-blended Crosslinked Polyethylene: A Pilot Study. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 942-951.	1.5	23
436	Mutual associations among musculoskeletal diseases and metabolic syndrome components: A 3-year follow-up of the ROAD study. <i>Modern Rheumatology</i> , 2015, 25, 438-448.	1.8	17
437	Patient satisfaction with double-door laminoplasty for cervical compression myelopathy. <i>Journal of Orthopaedic Science</i> , 2015, 20, 64-70.	1.1	17
438	Prospective multicenter surveillance and risk factor analysis of deep surgical site infection after posterior thoracic and/or lumbar spinal surgery in adults. <i>Journal of Orthopaedic Science</i> , 2015, 20, 71-77.	1.1	44
439	Risks of In-Hospital Death and Complications After Fusion Surgery in Patients with Atlantoaxial Subluxation: Analysis of 1090 Patients Using the Japanese Diagnosis Procedure Combination Database. <i>World Neurosurgery</i> , 2015, 83, 603-607.	1.3	16
440	The association of combination of disc degeneration, end plate signal change, and Schmorl node with low back pain in a large population study: the Wakayama Spine Study. <i>Spine Journal</i> , 2015, 15, 622-628.	1.3	91
441	Total Hip Arthroplasty After Rotational Acetabular Osteotomy. <i>Journal of Arthroplasty</i> , 2015, 30, 403-406.	3.1	28
442	Serum levels of 25-hydroxyvitamin D and the occurrence of musculoskeletal diseases: a 3-year follow-up to the road study. <i>Osteoporosis International</i> , 2015, 26, 151-161.	3.1	11
443	Elevated levels of phosphorylated neurofilament heavy subunit in the cerebrospinal fluid of patients with lumbar spinal stenosis: preliminary findings. <i>Spine Journal</i> , 2015, 15, 1587-1592.	1.3	6
444	Transcription factor Hes1 modulates osteoarthritis development in cooperation with calcium/calmodulin-dependent protein kinase 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3080-3085.	7.1	84
445	Repeated total en bloc spondylectomy for spinal metastases at different sites in one patient. <i>European Spine Journal</i> , 2015, 24, 2196-2200.	2.2	9
446	Quantitative and qualitative characterization of expanded CD4+ T cell clones in rheumatoid arthritis patients. <i>Scientific Reports</i> , 2015, 5, 12937.	3.3	42
447	Factors affecting changes in the serum levels of 25-hydroxyvitamin D: a 3-year follow-up of the ROAD study. <i>Osteoporosis International</i> , 2015, 26, 2597-2605.	3.1	2
448	Association between new indices in the locomotive syndrome risk test and decline in mobility: third survey of the ROAD study. <i>Journal of Orthopaedic Science</i> , 2015, 20, 896-905.	1.1	139
449	Prevention of bacterial adhesion and biofilm formation on a vitamin E-blended, cross-linked polyethylene surface with a poly(2-methacryloyloxyethyl phosphorylcholine) layer. <i>Acta Biomaterialia</i> , 2015, 24, 24-34.	8.3	34
450	Prophylactic effect of fondaparinux and enoxaparin for preventing pulmonary embolism after total hip or knee arthroplasty: A retrospective observational study using the Japanese Diagnosis Procedure Combination database. <i>Modern Rheumatology</i> , 2015, 25, 625-629.	1.8	2

#	ARTICLE	IF	CITATIONS
451	Concurrent spinal schwannoma and meningioma mimicking a single cervical dumbbell-shaped tumor: case report. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 784-787.	1.7	13
452	Genomewide Comprehensive Analysis Reveals Critical Cooperation Between Smad and c-Fos in RANKL-Induced Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 869-877.	2.8	30
453	Intrathecal injection of a therapeutic gene-containing polyplex to treat spinal cord injury. <i>Journal of Controlled Release</i> , 2015, 197, 1-9.	9.9	24
454	Prevalence of diffuse idiopathic skeletal hyperostosis (DISH) of the whole spine and its association with lumbar spondylosis and knee osteoarthritis: the ROAD study. <i>Journal of Bone and Mineral Metabolism</i> , 2015, 33, 221-229.	2.7	82
455	Does osteophytosis at the knee predict health-related quality of life decline? A 3-year follow-up of the ROAD study. <i>Clinical Rheumatology</i> , 2015, 34, 1589-1597.	2.2	12
456	Secure fixation of femoral bone plug with a suspensory button in anatomical anterior cruciate ligament reconstruction with bone-patellar tendon-bone graft. <i>Joints</i> , 2015, 03, 102-108.	1.5	18
457	Comparison of the Japanese Orthopaedic Association (JOA) Score and Modified JOA (mJOA) Score for the Assessment of Cervical Myelopathy: A Multicenter Observational Study. <i>PLoS ONE</i> , 2015, 10, e0123022.	2.5	151
458	Risk Factors for Prolonged Treatment of Whiplash-Associated Disorders. <i>PLoS ONE</i> , 2015, 10, e0132191.	2.5	13
459	Psychometric Validation of the Japanese Version of the Neuropathic Pain Symptom Inventory. <i>PLoS ONE</i> , 2015, 10, e0143350.	2.5	16
460	SOX10 Transactivates S100B to Suppress Schwann Cell Proliferation and to Promote Myelination. <i>PLoS ONE</i> , 2014, 9, e115400.	2.5	30
461	A review of denosumab for the treatment of osteoporosis. <i>Patient Preference and Adherence</i> , 2014, 8, 463.	1.8	56
462	Determination of differential gene expression profiles in superficial and deeper zones of mature rat articular cartilage using RNA sequencing of laser microdissected tissue specimens. <i>Biomedical Research</i> , 2014, 35, 263-270.	0.9	14
463	Necrotising soft-tissue infections of the upper limb. <i>Bone and Joint Journal</i> , 2014, 96-B, 1530-1534.	4.4	26
464	<i>Clinical Trials Express</i> : Fracture Risk Reduction With Denosumab in Japanese Postmenopausal Women and Men With Osteoporosis: Denosumab Fracture Intervention Randomized Placebo Controlled Trial (DIRECT). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2599-2607.	3.6	138
465	Bone resorption is regulated by cell-autonomous negative feedback loop of Stat5-Dusp axis in the osteoclast. <i>Journal of Experimental Medicine</i> , 2014, 211, 153-163.	8.5	24
466	Cervical Microendoscopic Interlaminar Decompression through a Midline Approach in Patients with Cervical Myelopathy: A Technical Note. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014, 75, 474-478.	0.8	15
467	Association of knee osteoarthritis with onset and resolution of pain and physical functional disability: The ROAD study. <i>Modern Rheumatology</i> , 2014, 24, 966-973.	1.8	7
468	Development of femoral bone fracture model simulating muscular contraction force by pneumatic rubber actuator. , 2014, 2014, 6872-5.		3

#	ARTICLE	IF	CITATIONS
469	Incidence of certified need of care in the long-term care insurance system and its risk factors in the elderly of Japanese population-based cohorts: The ROAD study. <i>Geriatrics and Gerontology International</i> , 2014, 14, 695-701.	1.5	72
470	Lipopolysaccharide preconditioning facilitates M2 activation of resident microglia after spinal cord injury. <i>Journal of Neuroscience Research</i> , 2014, 92, 1647-1658.	2.9	64
471	Global epigenomic analysis indicates protocadherin-7 activates osteoclastogenesis by promoting cell-cell fusion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 305-311.	2.1	17
472	Autonomous penetration detection for bone cutting tool using demonstration-based learning. , 2014, , .		9
473	Effects of fondaparinux on pulmonary embolism following hemiarthroplasty for femoral neck fracture: a retrospective observational study using the Japanese Diagnosis Procedure Combination database. <i>Journal of Orthopaedic Science</i> , 2014, 19, 991-996.	1.1	3
474	Progression of ossification of the posterior longitudinal ligament of the thoracic spine following posterior decompression and stabilization. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 773-777.	1.7	11
475	Prevalence, incidence and progression of lumbar spondylosis by gender and age strata. <i>Modern Rheumatology</i> , 2014, 24, 657-661.	1.8	5
476	Midterm Results of Resection Arthroplasty for Forefoot Deformities in Patients with Rheumatoid Arthritis and the Risk Factors Associated with Patient Dissatisfaction. <i>Journal of Foot and Ankle Surgery</i> , 2014, 53, 41-46.	1.0	18
477	Poly(2-methacryloyloxyethyl phosphorylcholine) grafting and vitamin E blending for high wear resistance and oxidative stability of orthopedic bearings. <i>Biomaterials</i> , 2014, 35, 6677-6686.	11.4	29
478	Usefulness of QuickDASH in patients with cervical laminoplasty. <i>Journal of Orthopaedic Science</i> , 2014, 19, 218-222.	1.1	6
479	Vertebral fractures affect functional status in postmenopausal rheumatoid arthritis patients. <i>Journal of Bone and Mineral Metabolism</i> , 2014, 32, 725-731.	2.7	17
480	Prevalence and progression of radiographic ossification of the posterior longitudinal ligament and associated factors in the Japanese population: a 3-year follow-up of the ROAD study. <i>Osteoporosis International</i> , 2014, 25, 1089-1098.	3.1	71
481	Exercise habits during middle age are associated with lower prevalence of sarcopenia: the ROAD study. <i>Osteoporosis International</i> , 2014, 25, 1081-1088.	3.1	109
482	Association of physical activities of daily living with the incidence of certified need of care in the long-term care insurance system of Japan: the ROAD study. <i>Journal of Orthopaedic Science</i> , 2014, 19, 489-496.	1.1	15
483	Pathogenic conversion of Foxp3+ T cells into TH17 cells in autoimmune arthritis. <i>Nature Medicine</i> , 2014, 20, 62-68.	30.7	930
484	Anti-apoptotic Bcl-2 family member Mcl-1 regulates cell viability and bone-resorbing activity of osteoclasts. <i>Bone</i> , 2014, 58, 1-10.	2.9	10
485	Association of dietary intake with joint space narrowing and osteophytosis at the knee in Japanese men and women: the ROAD study. <i>Modern Rheumatology</i> , 2014, 24, 236-242.	1.8	16
486	Clinical characteristics of rheumatoid arthritis patients undergoing cervical spine surgery: an analysis of National Database of Rheumatic Diseases in Japan. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 203.	1.9	15

#	ARTICLE	IF	CITATIONS
487	Clinical outcome of anatomic double-bundle ACL reconstruction and 3D CT model-based validation of femoral socket aperture position. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2194-2201.	4.2	33
488	Nomogram Predicting Severe Adverse Events After Musculoskeletal Tumor Surgery: Analysis of a National Administrative Database. <i>Annals of Surgical Oncology</i> , 2014, 21, 3564-3571.	1.5	11
489	Recurrent hemarthrosis after total knee arthroplasty caused by the impingement of a remnant lateral meniscus: A case report. <i>Knee</i> , 2014, 21, 617-619.	1.6	10
490	Eccentric Femoral Tunnel Widening in Anatomic Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 701-709.	2.7	38
491	Ischemic stroke after cervical spine injury: analysis of 11,005 patients using the Japanese Diagnosis Procedure Combination database. <i>Spine Journal</i> , 2014, 14, 2275-2280.	1.3	30
492	Mortality and morbidity after high-dose methylprednisolone treatment in patients with acute cervical spinal cord injury: a propensity-matched analysis using a nationwide administrative database. <i>Emergency Medicine Journal</i> , 2014, 31, 201-206.	1.0	89
493	Grafting of poly(2-methacryloyloxyethyl phosphorylcholine) on polyethylene liner in artificial hip joints reduces production of wear particles. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 31, 100-106.	3.1	11
494	S100A1 and S100B are dispensable for endochondral ossification during skeletal development. <i>Biomedical Research</i> , 2014, 35, 243-250.	0.9	6
495	New simulation model for bone formation markers in osteoporosis patients treated with once-weekly teriparatide. <i>Bone Research</i> , 2014, 2, 14043.	11.4	8
496	Identification of SCAN Domain Zinc-Finger Gene ZNF449 as a Novel Factor of Chondrogenesis. <i>PLoS ONE</i> , 2014, 9, e115169.	2.5	4
497	Remnant-Preserving Anterior Cruciate Ligament Reconstruction Using a Three-Dimensional Fluoroscopic Navigation System. <i>Knee Surgery and Related Research</i> , 2014, 26, 168-176.	4.2	18
498	Influence of navigation system updates on total knee arthroplasty. <i>The Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2013, 5, 10.	1.0	19
499	Profiles of vitamin D insufficiency and deficiency in Japanese men and women: association with biological, environmental, and nutritional factors and coexisting disorders: the ROAD study. <i>Osteoporosis International</i> , 2013, 24, 2775-2787.	3.1	73
500	An Additional Reference Axis Improves Femoral Rotation Alignment in Image-Free Computer Navigation Assisted Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 766-771.	3.1	20
501	Impact of age and comorbidity burden on mortality and major complications in older adults undergoing orthopaedic surgery: an analysis using the Japanese diagnosis procedure combination database. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 173.	1.9	54
502	Cervical canal stenosis caused by progressive fusion and enlargement of cervical vertebrae with features of Proteus syndrome and Klippel-Feil syndrome. <i>Skeletal Radiology</i> , 2013, 42, 1743-1746.	2.0	4
503	Economic Impact of Venous Thromboembolism Following Major Orthopaedic Surgery in Japan. <i>Value in Health Regional Issues</i> , 2013, 2, 81-86.	1.2	4
504	Association of dietary intake with joint space narrowing and osteophytosis at the knee in Japanese men and women: the ROAD study. <i>Modern Rheumatology</i> , 2013, , 1.	1.8	3

#	ARTICLE	IF	CITATIONS
505	Analysis of the affected joints in rheumatoid arthritis patients in a large Japanese cohort. <i>Modern Rheumatology</i> , 2013, 23, 44-49.	1.8	16
506	Patellar Fracture After Total Knee Arthroplasty for Rheumatoid Arthritis. <i>Journal of Arthroplasty</i> , 2013, 28, 40-43.	3.1	12
507	Ultrasonographic Evaluation of Displaced Neurovascular Bundle in Dupuytren Disease. <i>Journal of Hand Surgery</i> , 2013, 38, 23-28.	1.6	17
508	Iliotibial band irritation caused by the EndoButton after anatomic double-bundle anterior cruciate ligament reconstruction: Report of two cases. <i>Knee</i> , 2013, 20, 291-294.	1.6	25
509	Pyogenic discitis due to <i>Abiotrophia adiacens</i> . <i>International Journal of Surgery Case Reports</i> , 2013, 4, 1107-1109.	0.6	7
510	Regulation of bone resorption and sealing zone formation in osteoclasts occurs through protein kinase β -mediated microtubule stabilization. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1191-1202.	2.8	33
511	Risk factors for falls in a longitudinal population-based cohort study of Japanese men and women: The ROAD Study. <i>Bone</i> , 2013, 52, 516-523.	2.9	45
512	Associations between neck and shoulder discomfort (Katakori) and job demand, job control, and worksite support. <i>Modern Rheumatology</i> , 2013, 23, 1198-1204.	1.8	18
513	The mid-term efficacy of intra-articular hyaluronic acid injections on joint structure: a nested case control study. <i>Modern Rheumatology</i> , 2013, 23, 722-728.	1.8	2
514	COMPARATIVE STUDY ON THE STIFFNESS OF TRANSVERSE CARPAL LIGAMENT BETWEEN NORMAL SUBJECTS AND CARPAL TUNNEL SYNDROME PATIENTS. <i>Hand Surgery</i> , 2013, 18, 209-214.	0.6	20
515	Impact of Hospital Volume on Postoperative Complications and In-Hospital Mortality After Musculoskeletal Tumor Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 1684-1691.	3.0	29
516	Generation of Col2a1-EGFP iPS Cells for Monitoring Chondrogenic Differentiation. <i>PLoS ONE</i> , 2013, 8, e74137.	2.5	25
517	Regulation of bone destruction in rheumatoid arthritis through RANKL-RANK pathways. <i>World Journal of Orthopedics</i> , 2013, 4, 1.	1.8	44
518	Analysis of the affected joints in rheumatoid arthritis patients in a large Japanese cohort. <i>Modern Rheumatology</i> , 2013, 23, 44-49.	1.8	12
519	Validity and Reliability of the Japanese Version of the painDETECT Questionnaire: A Multicenter Observational Study. <i>PLoS ONE</i> , 2013, 8, e68013.	2.5	89
520	Regulation of RANKL-Induced Osteoclastogenesis by TGF- β 2. , 2013, , 103-107.		0
521	The mid-term efficacy of intra-articular hyaluronic acid injections on joint structure: a nested case control study. <i>Modern Rheumatology</i> , 2013, 23, 722-728.	1.8	2
522	Associations between neck and shoulder discomfort (Katakori) and job demand, job control, and worksite support. <i>Modern Rheumatology</i> , 2013, 23, 1198-204.	1.8	10

#	ARTICLE	IF	CITATIONS
523	Intracellular and Extracellular ATP Coordinately Regulate the Inverse Correlation between Osteoclast Survival and Bone Resorption. <i>Journal of Biological Chemistry</i> , 2012, 287, 37808-37823.	3.4	102
524	Does mild cognitive impairment affect the occurrence of radiographic knee osteoarthritis? A 3-year follow-up in the ROAD study. <i>BMJ Open</i> , 2012, 2, e001520.	1.9	6
525	Recent Advance in Epigenetics - Application to The Regulation of Osteoclast Differentiation. <i>Current Rheumatology Reviews</i> , 2012, 8, 103-108.	0.8	2
526	Natural Course and Prognostic Factors in Patients With Mild Cervical Spondylotic Myelopathy With Increased Signal Intensity on T2-Weighted Magnetic Resonance Imaging. <i>Spine</i> , 2012, 37, 1909-1913.	2.0	75
527	Risk factors affecting inhospital mortality after hip fracture: retrospective analysis using the Japanese Diagnosis Procedure Combination Database. <i>BMJ Open</i> , 2012, 2, e000416.	1.9	48
528	Class IA phosphatidylinositol 3-kinase regulates osteoclastic bone resorption through protein kinase B α -mediated vesicle transport. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2464-2475.	2.8	35
529	Three-Dimensional Fluoroscopic Navigation Guidance for Femoral Tunnel Creation in Revision Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy Techniques</i> , 2012, 1, e95-e99.	1.3	15
530	Fungal arthritis of the wrist caused by <i>Candida parapsilosis</i> during infliximab therapy for rheumatoid arthritis. <i>Modern Rheumatology</i> , 2012, 22, 903-906.	1.8	11
531	Accumulation of metabolic risk factors such as overweight, hypertension, dyslipidaemia, and impaired glucose tolerance raises the risk of occurrence and progression of knee osteoarthritis: a 3-year follow-up of the ROAD study. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 1217-1226.	1.3	261
532	Cell Adhesion Signaling Regulates RANK Expression in Osteoclast Precursors. <i>PLoS ONE</i> , 2012, 7, e48795.	2.5	26
533	Fungal arthritis of the wrist caused by <i>Candida parapsilosis</i> during infliximab therapy for rheumatoid arthritis. <i>Modern Rheumatology</i> , 2012, 22, 903-906.	1.8	6
534	Recent trends in orthopedic surgery performed in Japan for rheumatoid arthritis. <i>Modern Rheumatology</i> , 2011, 21, 337-342.	1.8	24
535	Hes1 functions downstream of growth factors to maintain oligodendrocyte lineage cells in the early progenitor stage. <i>Neuroscience</i> , 2011, 176, 132-141.	2.3	23
536	Hyperphosphorylated neurofilament NF-H as a biomarker of the efficacy of minocycline therapy for spinal cord injury. <i>Spinal Cord</i> , 2011, 49, 333-336.	1.9	30
537	Epigenetic regulation of osteoclast differentiation. <i>Annals of the New York Academy of Sciences</i> , 2011, 1240, 7-13.	3.8	45
538	Bim: Guardian of Tissue Homeostasis and Critical Regulator of the Immune System, Tumorigenesis and Bone Biology. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2011, 59, 277-287.	2.3	16
539	Are Bone and Serum Cefazolin Concentrations Adequate for Antimicrobial Prophylaxis?. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 3486-3494.	1.5	44
540	Intra-articular injection of hyaluronan restores the aberrant expression of matrix metalloproteinase-13 in osteoarthritic subchondral bone. <i>Journal of Orthopaedic Research</i> , 2011, 29, 354-360.	2.3	30

#	ARTICLE	IF	CITATIONS
541	Regulation of RANKL-induced osteoclastogenesis by TGF- β ² through molecular interaction between Smad3 and Traf6. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1447-1456.	2.8	95
542	Epigenetic regulation of osteoclast differentiation: Possible involvement of Jmjd3 in the histone demethylation of <i>Nfatc1</i> . <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2665-2671.	2.8	108
543	Distinguishing the proapoptotic and antiresorptive functions of risedronate in murine osteoclasts: Role of the Akt pathway and the ERK/Bim axis. <i>Arthritis and Rheumatism</i> , 2011, 63, 3908-3917.	6.7	27
544	Risk Factors for Pulmonary Embolism and the Effects of Fondaparinux After Total Hip and Knee Arthroplasty: A Retrospective Observational Study with Use of a National Database in Japan. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e146(1)-e146(7).	3.0	37
545	Increased Bone Mass in Mice after Single Injection of Anti-receptor Activator of Nuclear Factor- κ B Ligand-neutralizing Antibody. <i>Journal of Biological Chemistry</i> , 2011, 286, 37023-37031.	3.4	55
546	Recent trends in orthopedic surgery performed in Japan for rheumatoid arthritis. <i>Modern Rheumatology</i> , 2011, 21, 337-342.	1.8	12
547	Regulation of Apoptosis and Activity of the Osteoclast. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2010, 10, 100-107.	0.5	0
548	Systemic RANK-Fc protein therapy is efficacious against primary osteosarcoma growth in a murine model via activity against osteoclasts. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 470-476.	2.4	32
549	Statistics for orthopedic surgery 2006-2007: data from the Japanese Diagnosis Procedure Combination database. <i>Journal of Orthopaedic Science</i> , 2010, 15, 162-170.	1.1	61
550	The usefulness of neutrophil CD64 expression in the diagnosis of local infection in patients with rheumatoid arthritis in daily practice. <i>Journal of Orthopaedic Science</i> , 2010, 15, 547-552.	1.1	23
551	Antiapoptotic molecule Bcl-2 is essential for the anabolic activity of parathyroid hormone in bone. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 330-337.	3.8	10
552	Neutrophil CD64 expression as a diagnostic marker for local infection and crystal-induced arthritis. <i>Modern Rheumatology</i> , 2010, 20, 573-579.	1.8	7
553	PDF regulates osteoclasts via osteoprotegerin and RANKL. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 789-794.	2.1	68
554	tPA Activates LDL Receptor-Related Protein 1-Mediated Mitogenic Signaling Involving the p90RSK and GSK3 β Pathway. <i>American Journal of Pathology</i> , 2010, 177, 1687-1696.	3.8	32
555	Impact of biologics on the prevalence of orthopedic surgery in the National Database of Rheumatic Diseases in Japan. <i>Modern Rheumatology</i> , 2010, 20, 233-237.	1.8	15
556	Impact of biologics on the prevalence of orthopedic surgery in the National Database of Rheumatic Diseases in Japan. <i>Modern Rheumatology</i> , 2010, 20, 233-237.	1.8	12
557	Neutrophil CD64 expression as a diagnostic marker for local infection and crystal-induced arthritis. <i>Modern Rheumatology</i> , 2010, 20, 573-579.	1.8	7
558	Anti-apoptotic Molecule Bcl-2 Regulates the Differentiation, Activation, and Survival of Both Osteoblasts and Osteoclasts. <i>Journal of Biological Chemistry</i> , 2009, 284, 36659-36669.	3.4	53

#	ARTICLE	IF	CITATIONS
559	Rheumatoid arthritis associated with osteopetrosis. <i>Modern Rheumatology</i> , 2009, 19, 687-690.	1.8	21
560	Prevalence of joint replacement surgery in rheumatoid arthritis patients: cross-sectional analysis in a large observational cohort in Japan. <i>Modern Rheumatology</i> , 2009, 19, 260-264.	1.8	8
561	NF- κ B2 (p100) emerges as a negative regulator of TNF- α -induced osteoclastogenesis. <i>IBMS BoneKEy</i> , 2009, 6, 477-480.	0.0	0
562	Osteoclasts: Meeting report from the 31st Annual Meeting of the American Society for Bone and Mineral Research. <i>IBMS BoneKEy</i> , 2009, 6, 485-489.	0.0	0
563	Neutrophil CD64 expression in the diagnosis of local musculoskeletal infection and the impact of antibiotics. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2009, 91-B, 1237-1242.	3.4	26
564	Over-expression of integrin α 23 can partially overcome the defect of integrin α 23 signaling in transglutaminase 2 null macrophages. <i>Immunology Letters</i> , 2009, 126, 22-28.	2.5	21
565	Role of Hes family molecules in the therapeutic approach for spinal cord injury. <i>Neuroscience Research</i> , 2009, 65, S13.	1.9	0
566	Involvement of a disintegrin and metalloproteinase 10 and 17 in shedding of tumor necrosis factor- α . <i>Biochemistry and Cell Biology</i> , 2009, 87, 581-593.	2.0	51
567	Regulation of Osteoclast Apoptosis by Bcl-2 Family Protein Bim and Caspase-3. <i>Advances in Experimental Medicine and Biology</i> , 2009, 658, 111-116.	1.6	17
568	Prevalence of joint replacement surgery in rheumatoid arthritis patients: cross-sectional analysis in a large observational cohort in Japan. <i>Modern Rheumatology</i> , 2009, 19, 260-264.	1.8	6
569	Rheumatoid arthritis associated with osteopetrosis. <i>Modern Rheumatology</i> , 2009, 19, 687-690.	1.8	10
570	The antiapoptotic protein Bcl-xL negatively regulates the bone-resorbing activity of osteoclasts in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 3149-59.	8.2	38
571	NF- κ B2 (p100) limits TNF- α -induced osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2009, 119, 2879-2881.	8.2	11
572	Potential involvement of p53 in ischemia/reperfusion-induced osteonecrosis. <i>Journal of Bone and Mineral Metabolism</i> , 2008, 26, 576-585.	2.7	5
573	Brain-type creatine kinase has a crucial role in osteoclast-mediated bone resorption. <i>Nature Medicine</i> , 2008, 14, 966-972.	30.7	99
574	Osteoporotic bone formation in mice lacking <i>tob2</i> ; involvement of Tob2 in RANK ligand expression and osteoclasts differentiation. <i>FEBS Letters</i> , 2008, 582, 1313-1318.	2.8	23
575	MKK6-p38 MAPK signaling pathway enhances survival but not bone-resorbing activity of osteoclasts. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 252-257.	2.1	23
576	Pivotal Role of Bcl-2 Family Proteins in the Regulation of Chondrocyte Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 26499-26508.	3.4	34

#	ARTICLE	IF	CITATIONS
577	Tumor necrosis factor- α inhibits chondrogenic differentiation of synovial fibroblasts through p38 mitogen activating protein kinase pathways. <i>Modern Rheumatology</i> , 2008, 18, 366-378.	1.8	12
578	Tumor necrosis factor- α inhibits chondrogenic differentiation of synovial fibroblasts through p38 mitogen activating protein kinase pathways. <i>Modern Rheumatology</i> , 2008, 18, 366-378.	1.8	10
579	A Novel Function of RING Finger Protein 10 in Transcriptional Regulation of the Myelin-Associated Glycoprotein Gene and Myelin Formation in Schwann Cells. <i>PLoS ONE</i> , 2008, 3, e3464.	2.5	27
580	Osteoclasts: Meeting report from the 30th Annual Meeting of the American Society for Bone and Mineral Research. <i>IBMS BoneKEy</i> , 2008, 5, 454-457.	0.0	0
581	Signaling Axis in Osteoclast Biology and Therapeutic Targeting in the RANKL/RANK/OPG System. <i>American Journal of Nephrology</i> , 2007, 27, 466-478.	3.1	69
582	Overexpression of β -Glutamyltransferase in Transgenic Mice Accelerates Bone Resorption and Causes Osteoporosis. <i>Endocrinology</i> , 2007, 148, 2708-2715.	2.8	43
583	Molecular mechanism of bone destruction in rheumatoid arthritis. <i>Future Rheumatology</i> , 2007, 2, 61-72.	0.2	2
584	Erk pathways negatively regulate matrix mineralization. <i>Bone</i> , 2007, 40, 68-74.	2.9	61
585	Scientific basis for the efficacy of combined use of antirheumatic drugs against bone destruction in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2007, 17, 17-23.	1.8	33
586	Akt1 in Osteoblasts and Osteoclasts Controls Bone Remodeling. <i>PLoS ONE</i> , 2007, 2, e1058.	2.5	214
587	Protein kinase C zeta plays an essential role for Mycobacterium tuberculosis-induced extracellular signal-regulated kinase 1/2 activation in monocytes/macrophages via Toll-like receptor 2. <i>Cellular Microbiology</i> , 2007, 9, 382-396.	2.1	48
588	Posttranslational Regulation of Bim by Caspase-3. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 271-280.	3.8	9
589	Negative Feedback Loop in the Bim-Caspase-3 Axis Regulating Apoptosis and Activity of Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1631-1639.	2.8	32
590	Ectodomain Shedding of Receptor Activator of NF- κ B Ligand. <i>Advances in Experimental Medicine and Biology</i> , 2007, 602, 15-21.	1.6	15
591	Scientific basis for the efficacy of combined use of antirheumatic drugs against bone destruction in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2007, 17, 17-23.	1.8	29
592	The role of c-Src kinase in the regulation of osteoclast function. <i>Modern Rheumatology</i> , 2006, 16, 68-74.	1.8	83
593	Th17 functions as an osteoclastogenic helper T cell subset that links T cell activation and bone destruction. <i>Journal of Experimental Medicine</i> , 2006, 203, 2673-2682.	8.5	1,320
594	Force Sensing by Mechanical Extension of the Src Family Kinase Substrate p130Cas. <i>Cell</i> , 2006, 127, 1015-1026.	28.9	845

#	ARTICLE	IF	CITATIONS
595	Molecular Mechanism of the Life and Death of the Osteoclast. <i>Annals of the New York Academy of Sciences</i> , 2006, 1068, 180-186.	3.8	49
596	Signaling Axis in Schwann Cell Proliferation and Differentiation. <i>Molecular Neurobiology</i> , 2006, 33, 051-062.	4.0	57
597	Tissue-type Plasminogen Activator Acts as a Cytokine That Triggers Intracellular Signal Transduction and Induces Matrix Metalloproteinase-9 Gene Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 2120-2127.	3.4	177
598	Negative Regulation of Osteoclastogenesis by Ectodomain Shedding of Receptor Activator of NF- κ B Ligand. <i>Journal of Biological Chemistry</i> , 2006, 281, 36846-36855.	3.4	211
599	Pro-inflammatory Cytokine Tumor Necrosis Factor- α Induces Bone Morphogenetic Protein-2 in Chondrocytes via mRNA Stabilization and Transcriptional Up-regulation. <i>Journal of Biological Chemistry</i> , 2006, 281, 27229-27241.	3.4	74
600	The role of c-Src kinase in the regulation of osteoclast function. <i>Modern Rheumatology</i> , 2006, 16, 68-74.	1.8	69
601	Th17 functions as an osteoclastogenic helper T cell subset that links T cell activation and bone destruction. <i>Journal of Cell Biology</i> , 2006, 175, i8-i8.	5.2	0
602	Regulation of Osteoclast Apoptosis and Motility by Small GTPase Binding Protein Rac1. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2245-2253.	2.8	72
603	RANK-mediated amplification of TRAF6 signaling leads to NFATc1 induction during osteoclastogenesis. <i>EMBO Journal</i> , 2005, 24, 790-799.	7.8	205
604	Role of RANKL in physiological and pathological bone resorption and therapeutics targeting the RANKL-RANK signaling system. <i>Immunological Reviews</i> , 2005, 208, 30-49.	6.0	284
605	Integrin α 4 β 1 Promotes Focal Adhesion Kinase-Independent Cell Motility via α 4 Cytoplasmic Domain-Specific Activation of c-Src. <i>Molecular and Cellular Biology</i> , 2005, 25, 9700-9712.	2.3	77
606	Essential Role of Synoviolin in Embryogenesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 7909-7916.	3.4	91
607	Monokine induced by interferon- γ is induced by receptor activator of nuclear factor κ B ligand and is involved in osteoclast adhesion and migration. <i>Blood</i> , 2005, 105, 2963-2969.	1.4	60
608	Identification of an Alternatively Spliced Variant of Ca ²⁺ -promoted Ras Inactivator as a Possible Regulator of RANKL Shedding. <i>Journal of Biological Chemistry</i> , 2005, 280, 41700-41706.	3.4	27
609	Intracellular signal transduction pathways: good therapeutic targets for joint destruction in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2005, 15, 19-27.	1.8	2
610	In vitro and in vivo assays for osteoclast apoptosis. <i>Biological Procedures Online</i> , 2005, 7, 48-59.	2.9	21
611	Intracellular signal transduction pathways: good therapeutic targets for joint destruction in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2005, 15, 19-27.	1.8	0
612	Opposing Extracellular Signal-Regulated Kinase and Akt Pathways Control Schwann Cell Myelination. <i>Journal of Neuroscience</i> , 2004, 24, 6724-6732.	3.6	223

#	ARTICLE	IF	CITATIONS
613	Fc γ 3 receptor signaling in primary human microglia: differential roles of PI-3K and Ras/ERK MAPK pathways in phagocytosis and chemokine induction. <i>Journal of Leukocyte Biology</i> , 2004, 75, 1147-1155.	3.3	70
614	Src Kinase Activity Is Essential for Osteoclast Function. <i>Journal of Biological Chemistry</i> , 2004, 279, 17660-17666.	3.4	252
615	Activation of ERK or inhibition of JNK ameliorates H2O2 cytotoxicity in mouse renal proximal tubule cells. <i>Kidney International</i> , 2004, 65, 1231-1239.	5.2	88
616	Osteoclast Differentiation by RANKL Requires NF- κ B-Mediated Downregulation of Cyclin-Dependent Kinase 6 (Cdk6). <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1128-1136.	2.8	60
617	Suppression of T cell responses by chondromodulin I, a cartilage-derived angiogenesis inhibitory factor: Therapeutic potential in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 828-839.	6.7	20
618	Traf6 is essential for murine tooth cusp morphogenesis. <i>Developmental Dynamics</i> , 2004, 229, 131-135.	1.8	50
619	Critical roles of c-Jun signaling in regulation of NFAT family and RANKL-regulated osteoclast differentiation. <i>Journal of Clinical Investigation</i> , 2004, 114, 475-484.	8.2	191
620	Distinct roles of Smad pathways and p38 pathways in cartilage-specific gene expression in synovial fibroblasts. <i>Journal of Clinical Investigation</i> , 2004, 113, 718-726.	8.2	13
621	Critical roles of c-Jun signaling in regulation of NFAT family and RANKL-regulated osteoclast differentiation. <i>Journal of Clinical Investigation</i> , 2004, 114, 475-484.	8.2	379
622	Distinct roles of Smad pathways and p38 pathways in cartilage-specific gene expression in synovial fibroblasts. <i>Journal of Clinical Investigation</i> , 2004, 113, 718-726.	8.2	36
623	Signal transduction pathways regulating osteoclast differentiation and function. <i>Journal of Bone and Mineral Metabolism</i> , 2003, 21, 123-133.	2.7	85
624	Suppression of arthritic bone destruction by adenovirus-mediated dominant-negative Ras gene transfer to synoviocytes and osteoclasts. <i>Arthritis and Rheumatism</i> , 2003, 48, 2682-2692.	6.7	54
625	Regulation of osteoclast apoptosis by ubiquitylation of proapoptotic BH3-only Bcl-2 family member Bim. <i>EMBO Journal</i> , 2003, 22, 6653-6664.	7.8	227
626	Association of sustained ERK activity with integrin β 3 induction during receptor activator of nuclear factor kappaB ligand (RANKL)-directed osteoclast differentiation. <i>Experimental Cell Research</i> , 2003, 289, 368-377.	2.6	34
627	Regulation of cytochrome c oxidase activity by c-Src in osteoclasts. <i>Journal of Cell Biology</i> , 2003, 160, 709-718.	5.2	197
628	Jun Dimerization Protein 2 (JDP2), a Member of the AP-1 Family of Transcription Factor, Mediates Osteoclast Differentiation Induced by RANKL. <i>Journal of Experimental Medicine</i> , 2003, 197, 1029-1035.	8.5	81
629	Extracellular Signal-regulated Kinase Mediates Phosphorylation of Tropomyosin-1 to Promote Cytoskeleton Remodeling in Response to Oxidative Stress: Impact on Membrane Blebbing. <i>Molecular Biology of the Cell</i> , 2003, 14, 1418-1432.	2.1	103
630	Generating Murine Osteoclasts from Bone Marrow. , 2003, 80, 129-144.		45

#	ARTICLE	IF	CITATIONS
631	Macrophage Migration Inhibitory Factor Up-regulates Matrix Metalloproteinase-9 and -13 in Rat Osteoblasts. <i>Journal of Biological Chemistry</i> , 2002, 277, 7865-7874.	3.4	143
632	IL-1 Regulates Cytoskeletal Organization in Osteoclasts Via TNF Receptor-Associated Factor 6/c-Src Complex. <i>Journal of Immunology</i> , 2002, 168, 5103-5109.	0.8	60
633	Akt Protein Kinase Inhibits Non-apoptotic Programmed Cell Death Induced by Ceramide. <i>Journal of Biological Chemistry</i> , 2002, 277, 2790-2797.	3.4	55
634	A novel therapeutic vaccine approach, targeting RANKL, prevents bone destruction in bone-related disorders. <i>Journal of Bone and Mineral Metabolism</i> , 2002, 20, 266-268.	2.7	15
635	Possible Involvement of $\hat{\text{I}}^{\text{p}}\text{B}$ Kinase 2 and MKK7 in Osteoclastogenesis Induced by Receptor Activator of Nuclear Factor $\hat{\text{I}}^{\text{p}}\text{B}$ Ligand. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 612-621.	2.8	81
636	Segregation of TRAF6-mediated signaling pathways clarifies its role in osteoclastogenesis. <i>EMBO Journal</i> , 2001, 20, 1271-1280.	7.8	427
637	Overexpression of the <i>csk</i> gene suppresses tumor metastasis in vivo. <i>International Journal of Cancer</i> , 2000, 88, 384-391.	5.1	54
638	Involvement of receptor activator of nuclear factor $\hat{\text{I}}^{\text{p}}\text{B}$ ligand/osteoclast differentiation factor in osteoclastogenesis from synoviocytes in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2000, 43, 259.	6.7	577
639	In Vitro and In Vivo Suppression of Osteoclast Function by Adenovirus Vector-Induced <i>csk</i> Gene. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 41-51.	2.8	38
640	Reciprocal Role of ERK and $\text{Nf-}\hat{\text{I}}^{\text{p}}\text{b}$ Pathways in Survival and Activation of Osteoclasts. <i>Journal of Cell Biology</i> , 2000, 148, 333-342.	5.2	376
641	Partial Functional Recovery of Paraplegic Rat by Adenovirus-Mediated Gene Delivery of Constitutively Active MEK1. <i>Experimental Neurology</i> , 2000, 166, 115-126.	4.1	32
642	Negative Regulation of BMP/Smad Signaling by Tob in Osteoblasts. <i>Cell</i> , 2000, 103, 1085-1097.	28.9	293
643	Adenovirus-mediated Overexpression of C-terminal Src Kinase (Csk) in Type I Astrocytes Interferes with Cell Spreading and Attachment to Fibronectin. <i>Journal of Biological Chemistry</i> , 1999, 274, 2291-2297.	3.4	31
644	Severe osteopetrosis, defective interleukin-1 signalling and lymph node organogenesis in TRAF6-deficient mice. <i>Genes To Cells</i> , 1999, 4, 353-362.	1.2	574
645	Giant trichoblastoma mimicking malignancy. <i>Archives of Orthopaedic and Trauma Surgery</i> , 1999, 119, 225-227.	2.4	32
646	Suppression of arthritic bone destruction by adenovirus-mediated <i>csk</i> gene transfer to synoviocytes and osteoclasts. <i>Journal of Clinical Investigation</i> , 1999, 104, 137-146.	8.2	104
647	Modulation of Osteoclast Function by Adenovirus Vector-Induced Epidermal Growth Factor Receptor. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 1714-1720.	2.8	48
648	Murine Bone Marrow Stromally Derived BMS2 Adipocytes Support Differentiation and Function of Osteoclast-Like Cells <i>in Vitro</i> . <i>Endocrinology</i> , 1998, 139, 2092-2101.	2.8	62

#	ARTICLE	IF	CITATIONS
649	Murine Bone Marrow Stromally Derived BMS2 Adipocytes Support Differentiation and Function of Osteoclast-Like Cells in Vitro. <i>Endocrinology</i> , 1998, 139, 2092-2101.	2.8	12
650	Bcl-2 Lies Downstream of Parathyroid Hormone-related Peptide in a Signaling Pathway That Regulates Chondrocyte Maturation during Skeletal Development. <i>Journal of Cell Biology</i> , 1997, 136, 205-213.	5.2	299
651	Tiludronate inhibits protein tyrosine phosphatase activity in osteoclasts. <i>Bone</i> , 1997, 20, 399-404.	2.9	63
652	A New Mechanism of Bone Destruction in Rheumatoid Arthritis: Synovial Fibroblasts Induce Osteoclastogenesis. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 279-286.	2.1	181
653	Phosphatidylinositol-3 kinase is involved in ruffled border formation in osteoclasts. , 1997, 172, 230-239.		59
654	c-Cbl is downstream of c-Src in a signalling pathway necessary for bone resorption. <i>Nature</i> , 1996, 383, 528-531.	27.8	281
655	Possible involvement of focal adhesion kinase, p125FAK, in osteoclastic bone resorption. <i>Journal of Cellular Biochemistry</i> , 1995, 58, 424-435.	2.6	45
656	Tyrosine Phosphorylation and Translocation of the c-Cbl Protein after Activation of Tyrosine Kinase Signaling Pathways. <i>Journal of Biological Chemistry</i> , 1995, 270, 14347-14351.	3.4	161
657	Wortmannin, a specific inhibitor of phosphatidylinositol-3 kinase, blocks osteoclastic bone resorption. <i>FEBS Letters</i> , 1995, 361, 79-84.	2.8	141
658	A possible mechanism of the specific action of bisphosphonates on osteoclasts: Tiludronate preferentially affects polarized osteoclasts having ruffled borders. <i>Bone</i> , 1995, 17, 137-144.	2.9	200
659	Postmitotic Osteoclast Precursors Are Mononuclear Cells Which Express Macrophage-Associated Phenotypes. <i>Developmental Biology</i> , 1994, 163, 212-221.	2.0	111
660	Macrophage colon-stimulating factor (M-CSF) is essential for differentiation rather than proliferation of osteoclast progenitors. <i>Osteoporosis International</i> , 1993, 3, 111-113.	3.1	14
661	Soluble interleukin-6 receptor triggers osteoclast formation by interleukin 6.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 11924-11928.	7.1	778
662	New resorption assay with mouse osteoclast-like multinucleated cells formed in vitro. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 953-960.	2.8	87
663	Lack of bone resorption in osteosclerotic (oc/oc) mice is due to a defect in osteoclast progenitors rather than the local microenvironment provided by osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 67-72.	2.1	26
664	Osteoclasts express high levels of p60c-src, preferentially on ruffled border membranes. <i>FEBS Letters</i> , 1992, 313, 85-89.	2.8	86
665	Preparation and characterization of a mouse osteoclast-like multinucleated cell population. <i>Journal of Bone and Mineral Research</i> , 1992, 7, 1297-1306.	2.8	150
666	Preoperative arterial embolization and wound complications after resection of malignant bone tumor in the pelvis: a nationwide database study. <i>Japanese Journal of Clinical Oncology</i> , 0, , .	1.3	0