

Naoki Ishiguro

List of Publications by Year in descending order

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326
papers

12,700
citations

16451

64
h-index

39675

94
g-index

329
all docs

329
docs citations

329
times ranked

12937
citing authors

#	ARTICLE	IF	CITATIONS
1	Human dental pulp-derived stem cells promote locomotor recovery after complete transection of the rat spinal cord by multiple neuro-regenerative mechanisms. <i>Journal of Clinical Investigation</i> , 2012, 122, 80-90.	8.2	396
2	Simultaneous Absolute Protein Quantification of Transporters, Cytochromes P450, and UDP-Glucuronosyltransferases as a Novel Approach for the Characterization of Individual Human Liver: Comparison with mRNA Levels and Activities. <i>Drug Metabolism and Disposition</i> , 2012, 40, 83-92.	3.3	373
3	MRI Features in the Differentiation of Malignant Peripheral Nerve Sheath Tumors and Neurofibromas. <i>American Journal of Roentgenology</i> , 2010, 194, 1568-1574.	2.2	281
4	Transplantation of marrow-derived mesenchymal stem cells and platelet-rich plasma during distraction osteogenesis—a preliminary result of three cases. <i>Bone</i> , 2004, 35, 892-898.	2.9	230
5	Effectiveness and Safety of Tocilizumab: Postmarketing Surveillance of 7901 Patients with Rheumatoid Arthritis in Japan. <i>Journal of Rheumatology</i> , 2014, 41, 15-23.	2.0	174
6	Biological reaction to alumina, zirconia, titanium and polyethylene particles implanted onto murine calvaria. <i>Biomaterials</i> , 2003, 24, 3655-3661.	11.4	169
7	Postmarketing Surveillance of the Safety and Effectiveness of Etanercept in Japan. <i>Journal of Rheumatology</i> , 2009, 36, 898-906.	2.0	167
8	Postmarketing surveillance of tocilizumab for rheumatoid arthritis in Japan: interim analysis of 3881 patients. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 2148-2151.	0.9	166
9	PREDOMINANT CONTRIBUTION OF OATP1B3 TO THE HEPATIC UPTAKE OF TELMISARTAN, AN ANGIOTENSIN II RECEPTOR ANTAGONIST, IN HUMANS. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1109-1115.	3.3	164
10	Effect of denosumab on Japanese patients with rheumatoid arthritis: a dose-response study of AMG 162 (denosumab) in patients with rheumatoid arthritis on methotrexate to validate inhibitory effect on bone erosion (DRIVE)—a 12-month, multicentre, randomised, double-blind, placebo-controlled, phase II clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 983-990.	0.9	157
11	Back muscle strength and spinal mobility are predictors of quality of life in middle-aged and elderly males. <i>European Spine Journal</i> , 2011, 20, 954-961.	2.2	152
12	Chondrogenesis enhanced by overexpression of sox9 gene in mouse bone marrow-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 338-343.	2.1	145
13	SHAP Potentiates the CD44-mediated Leukocyte Adhesion to the Hyaluronan Substratum. <i>Journal of Biological Chemistry</i> , 2006, 281, 20303-20314.	3.4	134
14	Influence of spinal sagittal alignment, body balance, muscle strength, and physical ability on falling of middle-aged and elderly males. <i>European Spine Journal</i> , 2013, 22, 1346-1353.	2.2	134
15	High prevalence of sarcopenia and reduced leg muscle mass in Japanese patients immediately after a hip fracture. <i>Geriatrics and Gerontology International</i> , 2013, 13, 413-420.	1.5	130
16	Inhibition of hyaluronan synthesis in breast cancer cells by 4-methylumbelliferone suppresses tumorigenicity <i>in vitro</i> and metastatic lesions of bone <i>in vivo</i> . <i>International Journal of Cancer</i> , 2012, 130, 454-466.	5.1	125
17	Secreted Ectodomain of Sialic Acid-Binding Ig-Like Lectin-9 and Monocyte Chemoattractant Protein-1 Promote Recovery after Rat Spinal Cord Injury by Altering Macrophage Polarity. <i>Journal of Neuroscience</i> , 2015, 35, 2452-2464.	3.6	124
18	Absolute Quantification and Differential Expression of Drug Transporters, Cytochrome P450 Enzymes, and UDP-Glucuronosyltransferases in Cultured Primary Human Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2012, 40, 93-103.	3.3	121

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19	Surgical results of intramedullary spinal cord tumor with spinal cord monitoring to guide extent of resection. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 404-413.	1.7	120
20	Transplantation of culture expanded bone marrow cells and platelet rich plasma in distraction osteogenesis of the long bones. <i>Bone</i> , 2007, 40, 522-528.	2.9	118
21	TNF- α Increases Expression of IL-6 and ICAM-1 Genes Through Activation of NF- κ B in Osteoblast-like ROS17/2.8 Cells. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 1290-1299.	2.8	116
22	Epidemiology of nontraumatic osteonecrosis of the femoral head in Japan. <i>Modern Rheumatology</i> , 2015, 25, 278-281.	1.8	109
23	Primary spinal cord tumors: review of 678 surgically treated patients in Japan. A multicenter study. <i>European Spine Journal</i> , 2012, 21, 2019-2026.	2.2	108
24	Complications of cervical pedicle screw fixation for nontraumatic lesions: a multicenter study of 84 patients. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 238-247.	1.7	107
25	Relationship of matrix metalloproteinases and their inhibitors to cartilage proteoglycan and collagen turnover: Analyses of synovial fluid from patients with osteoarthritis. <i>Arthritis and Rheumatism</i> , 1999, 42, 129-136.	6.7	104
26	Radiographic Predictors for the Development of Myelopathy in Patients With Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2008, 33, 2648-2650.	2.0	104
27	Surgical Outcome of Ossification of the Posterior Longitudinal Ligament (OPLL) of the Thoracic Spine. <i>Journal of Spinal Disorders and Techniques</i> , 2005, 18, 492-497.	1.9	103
28	Epidemiological trends in spine surgery over 10 years in a multicenter database. <i>European Spine Journal</i> , 2018, 27, 1698-1703.	2.2	103
29	Golimumab in combination with methotrexate in Japanese patients with active rheumatoid arthritis: results of the GO-FORTH study. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 817-824.	0.9	102
30	Sarcopenia and sarcopenic leg as potential risk factors for acute osteoporotic vertebral fracture among older women. <i>European Spine Journal</i> , 2016, 25, 3424-3431.	2.2	101
31	Safety and effectiveness of adalimumab in Japanese rheumatoid arthritis patients: Postmarketing surveillance report of 7740 patients. <i>Modern Rheumatology</i> , 2014, 24, 390-398.	1.8	100
32	Expression and enzymatic activity of MMP-2 during healing process of the acute supraspinatus tendon tear in rabbits. <i>Journal of Orthopaedic Research</i> , 2002, 20, 927-933.	2.3	99
33	Molecular Heterogeneity of the SHAP-Hyaluronan Complex. <i>Journal of Biological Chemistry</i> , 2003, 278, 32710-32718.	3.4	97
34	Midkine, a heparin-binding growth factor, is fundamentally involved in the pathogenesis of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 1420-1429.	6.7	97
35	Meloxicam inhibits osteosarcoma growth, invasiveness and metastasis by COX-2-dependent and independent routes. <i>Carcinogenesis</i> , 2006, 27, 584-592.	2.8	97
36	Influence of sagittal balance and physical ability associated with exercise on quality of life in middle-aged and elderly people. <i>Archives of Osteoporosis</i> , 2011, 6, 13-20.	2.4	97

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37	Postmarketing surveillance of safety and effectiveness of etanercept in Japanese patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2011, 21, 343-351.	1.8	95
38	The first double-blind, randomised, parallel-group certolizumab pegol study in methotrexate-naïve early rheumatoid arthritis patients with poor prognostic factors, C-OPERA, shows inhibition of radiographic progression. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 75-83.	0.9	94
39	Bone Union Rate With Autologous Iliac Bone Versus Local Bone Graft in Posterior Lumbar Interbody Fusion. <i>Spine</i> , 2010, 35, E1101-E1105.	2.0	91
40	Hyaluronan Activates Cell Motility of v-Src-transformed Cells via Ras-Mitogen-activated Protein Kinase and Phosphoinositide 3-Kinase-Akt in a Tumor-specific Manner. <i>Molecular Biology of the Cell</i> , 2001, 12, 1859-1868.	2.1	90
41	Distraction Osteogenesis of the Lower Extremity in Patients With Achondroplasia/Hypochondroplasia Treated With Transplantation of Culture-Expanded Bone Marrow Cells and Platelet-Rich Plasma. <i>Journal of Pediatric Orthopaedics</i> , 2007, 27, 629-634.	1.2	90
42	Keratan Sulfate Restricts Neural Plasticity after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2011, 31, 17091-17102.	3.6	85
43	Physical performance tests are useful for evaluating and monitoring the severity of locomotive syndrome. <i>Journal of Orthopaedic Science</i> , 2012, 17, 782-788.	1.1	84
44	Adalimumab, a human anti-TNF monoclonal antibody, outcome study for the prevention of joint damage in Japanese patients with early rheumatoid arthritis: the HOPEFUL 1 study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 536-543.	0.9	82
45	Relationships of matrix metalloproteinases and their inhibitors to cartilage proteoglycan and collagen turnover and inflammation as revealed by analyses of synovial fluids from patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2001, 44, 2503-2511.	6.7	81
46	Psychosocial factors, disease status, and quality of life in patients with rheumatoid arthritis. <i>Journal of Psychosomatic Research</i> , 2009, 67, 425-431.	2.6	81
47	Safety and effectiveness of adalimumab in Japanese rheumatoid arthritis patients: postmarketing surveillance report of the first 3,000 patients. <i>Modern Rheumatology</i> , 2012, 22, 498-508.	1.8	81
48	Postmarketing surveillance of the safety and effectiveness of abatacept in Japanese patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2016, 26, 491-498.	1.8	80
49	The endogenous proteoglycan-degrading enzyme ADAMTS-4 promotes functional recovery after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2012, 9, 53.	7.2	79
50	Establishment of a Set of Double Transfectants Coexpressing Organic Anion Transporting Polypeptide 1B3 and Hepatic Efflux Transporters for the Characterization of the Hepatobiliary Transport of Telmisartan Acylglucuronide. <i>Drug Metabolism and Disposition</i> , 2008, 36, 796-805.	3.3	78
51	Investigation of the Inhibitory Effects of Various Drugs on the Hepatic Uptake of Fexofenadine in Humans. <i>Drug Metabolism and Disposition</i> , 2008, 36, 663-669.	3.3	78
52	Uniaxial cyclic stretch induces the activation of transcription factor nuclear factor κ B in human fibroblast cells. <i>FASEB Journal</i> , 2002, 16, 405-407.	0.5	77
53	Knee "spine syndrome: correlation between sacral inclination and patellofemoral joint pain. <i>Journal of Orthopaedic Science</i> , 2002, 7, 519-523.	1.1	74
54	Indirect posterior decompression with corrective fusion for ossification of the posterior longitudinal ligament of the thoracic spine: is it possible to predict the surgical results?. <i>European Spine Journal</i> , 2009, 18, 943-948.	2.2	74

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55	Increasing postural sway in rural-community-dwelling elderly persons with knee osteoarthritis. <i>Journal of Orthopaedic Science</i> , 2006, 11, 353-358.	1.1	72
56	Predictive Factors for Unsuccessful Treatment of Developmental Dysplasia of the Hip by the Pavlik Harness. <i>Journal of Pediatric Orthopaedics</i> , 2009, 29, 552-557.	1.2	71
57	Staged decrease of physical ability on the locomotive syndrome risk test is related to neuropathic pain, nociceptive pain, shoulder complaints, and quality of life in middle-aged and elderly people – The utility of the locomotive syndrome risk test. <i>Modern Rheumatology</i> , 2017, 27, 1051-1056.	1.8	71
58	<i>N</i> -Acetylglucosamine 6-O-Sulfotransferase-1-Deficient Mice Show Better Functional Recovery after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2010, 30, 5937-5947.	3.6	70
59	Threshold values of physical performance tests for locomotive syndrome. <i>Journal of Orthopaedic Science</i> , 2013, 18, 618-626.	1.1	70
60	Hyaluronan Oligosaccharides Inhibit Tumorigenicity of Osteosarcoma Cell Lines MG-63 and LM-8 in Vitro and in Vivo via Perturbation of Hyaluronan-Rich Pericellular Matrix of the Cells. <i>American Journal of Pathology</i> , 2007, 171, 274-286.	3.8	69
61	Influence of lumbar kyphosis and back muscle strength on the symptoms of gastroesophageal reflux disease in middle-aged and elderly people. <i>European Spine Journal</i> , 2012, 21, 2149-2157.	2.2	69
62	Spontaneous healing process of a supraspinatus tendon tear in rabbits. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2004, 124, 374-7.	2.4	68
63	Osteogenic potential of rat mesenchymal stem cells after several passages. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 233-239.	2.1	67
64	Bone union rate with autologous iliac bone versus local bone graft in posterior lumbar interbody fusion (PLIF): a multicenter study. <i>European Spine Journal</i> , 2013, 22, 1158-1163.	2.2	67
65	Suppression of Hyaluronan Synthesis Alleviates Inflammatory Responses in Murine Arthritis and in Human Rheumatoid Synovial Fibroblasts. <i>Arthritis and Rheumatism</i> , 2013, 65, 1160-1170.	6.7	67
66	Verapamil Protects against Cartilage Degradation in Osteoarthritis by Inhibiting Wnt/ β -Catenin Signaling. <i>PLoS ONE</i> , 2014, 9, e92699.	2.5	67
67	Expression of inflammatory cytokines, RANKL and OPG induced by titanium, cobalt-chromium and polyethylene particles. <i>Biomaterials</i> , 2005, 26, 1695-1702.	11.4	65
68	Image classification of idiopathic spinal cord herniation based on symptom severity and surgical outcome: a multicenter study. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 310-319.	1.7	65
69	Influences of anti-tumour necrosis factor agents on postoperative recovery in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2010, 29, 495-500.	2.2	64
70	Total Hip Arthroplasty After Failed Transtrochanteric Rotational Osteotomy for Avascular Necrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2005, 20, 574-579.	3.1	63
71	RANKL: A therapeutic target for bone destruction in rheumatoid arthritis. <i>Modern Rheumatology</i> , 2018, 28, 9-16.	1.8	63
72	Complications Associated With Spine Surgery in Patients Aged 80 Years or Older: Japan Association of Spine Surgeons with Ambition (JASA) Multicenter Study. <i>Global Spine Journal</i> , 2017, 7, 636-641.	2.3	62

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73	Antisense inhibition of hyaluronan synthase-2 in human osteosarcoma cells inhibits hyaluronan retention and tumorigenicity. <i>Experimental Cell Research</i> , 2005, 307, 194-203.	2.6	61
74	Sarcopenia and physical function are associated with inflammation and arteriosclerosis in community-dwelling people: The Yakumo study. <i>Modern Rheumatology</i> , 2018, 28, 345-350.	1.8	60
75	Successful Treatment With Meloxicam, a Cyclooxygenase-2 Inhibitor, of Patients With Extra-Abdominal Desmoid Tumors: A Pilot Study. <i>Journal of Clinical Oncology</i> , 2010, 28, e107-e109.	1.6	59
76	The Use of Transporter Probe Drug Cocktails for the Assessment of Transporter-Based Drug-Drug Interactions in a Clinical Setting-Proposal of a Four Component Transporter Cocktail. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3220-3228.	3.3	58
77	Managing Sarcopenia and Its Related-Fractures to Improve Quality of Life in Geriatric Populations. , 2014, 5, 226-237.		57
78	Concomitant iguratimod therapy in patients with active rheumatoid arthritis despite stable doses of methotrexate: a randomized, double-blind, placebo-controlled trial. <i>Modern Rheumatology</i> , 2013, 23, 430-439.	1.8	56
79	Tumor Necrosis Factor α Induces Expression of Genes for Matrix Degradation in Human Chondrocyte-like HCS-2/8 Cells Through Activation of NF- κ B: Abrogation of the Tumor Necrosis Factor α Effect by Proteasome Inhibitors. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1272-1280.	2.8	55
80	Reliability and Robustness of Simultaneous Absolute Quantification of Drug Transporters, Cytochrome P450 Enzymes, and Udp-Glucuronosyltransferases in Human Liver Tissue by Multiplexed MRM/Selected Reaction Monitoring Mode Tandem Mass Spectrometry with Nano-Liquid Chromatography. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4037-4043.	3.3	55
81	The impact of pharmacogenetics of metabolic enzymes and transporters on the pharmacokinetics of telmisartan in healthy volunteers. <i>Pharmacogenetics and Genomics</i> , 2011, 21, 523-530.	1.5	54
82	Involvement of reactive oxygen species in cyclic stretch-induced NF- κ B activation in human fibroblast cells. <i>British Journal of Pharmacology</i> , 2005, 145, 364-373.	5.4	53
83	CTNNB1 S45F Mutation Predicts Poor Efficacy of Meloxicam Treatment for Desmoid Tumors: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e96391.	2.5	53
84	Expression of interleukin-1 β , cyclooxygenase-2, and prostaglandin E2 in a rotator cuff tear in rabbits. <i>Journal of Orthopaedic Research</i> , 2007, 25, 92-97.	2.3	52
85	Golimumab monotherapy in Japanese patients with active rheumatoid arthritis despite prior treatment with disease-modifying antirheumatic drugs: results of the phase 2/3, multicentre, randomised, double-blind, placebo-controlled GO-MONO study through 24 weeks. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1488-1495.	0.9	51
86	Postmarketing surveillance of safety and effectiveness of etanercept in Japanese patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2011, 21, 343-351.	1.8	51
87	Impact of spinal alignment and back muscle strength on shoulder range of motion in middle-aged and elderly people in a prospective cohort study. <i>European Spine Journal</i> , 2014, 23, 1414-1419.	2.2	50
88	Soluble Siglec-9 suppresses arthritis in a collagen-induced arthritis mouse model and inhibits M1 activation of RAW264.7 macrophages. <i>Arthritis Research and Therapy</i> , 2016, 18, 133.	3.5	50
89	Up-regulation of COX2 Expression by Uni-axial Cyclic Stretch in Human Lung Fibroblast Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 244, 615-619.	2.1	49
90	Efficacy and safety of certolizumab pegol plus methotrexate in Japanese rheumatoid arthritis patients with an inadequate response to methotrexate: the J-RAPID randomized, placebo-controlled trial. <i>Modern Rheumatology</i> , 2014, 24, 715-724.	1.8	49

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91	Safety and efficacy of combination therapy of iguratimod with methotrexate for patients with active rheumatoid arthritis with an inadequate response to methotrexate: An open-label extension of a randomized, double-blind, placebo-controlled trial. <i>Modern Rheumatology</i> , 2014, 24, 410-418.	1.8	49
92	Surgical treatment for local control of extremity and trunk desmoid tumors. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 929-933.	2.4	48
93	Spinal sagittal balance substantially influences locomotive syndrome and physical performance in community-living middle-aged and elderly women. <i>Journal of Orthopaedic Science</i> , 2016, 21, 216-221.	1.1	48
94	Risk Factors for Delirium After Spine Surgery in Extremely Elderly Patients Aged 80 Years or Older and Review of the Literature: Japan Association of Spine Surgeons with Ambition Multicenter Study. <i>Global Spine Journal</i> , 2017, 7, 560-566.	2.3	48
95	Differential Stimulation of Three Forms of Hyaluronan Synthase by TGF- β 2, IL-1 β , and TNF- α . <i>Connective Tissue Research</i> , 2004, 45, 197-205.	2.3	47
96	The influence of locomotive syndrome on health-related quality of life in a community-living population. <i>Modern Rheumatology</i> , 2013, 23, 939-944.	1.8	47
97	Safety and effectiveness of adalimumab in Japanese rheumatoid arthritis patients: postmarketing surveillance report of the first 3,000 patients. <i>Modern Rheumatology</i> , 2012, 22, 498-508.	1.8	47
98	Osteoarthritic change is delayed in a <i>Ctsk</i> knockout mouse model of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 454-464.	6.7	46
99	Impact of low back pain, knee pain, and timed up-and-go test on quality of life in community-living people. <i>Journal of Orthopaedic Science</i> , 2014, 19, 164-171.	1.1	46
100	Cyclooxygenase-2 Overexpression Predicts Poor Survival in Patients with High-grade Extremity Osteosarcoma: A Pilot Study. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2932-2938.	1.5	44
101	Meclozine Promotes Longitudinal Skeletal Growth in Transgenic Mice with Achondroplasia Carrying a Gain-of-Function Mutation in the <i>FGFR3</i> Gene. <i>Endocrinology</i> , 2015, 156, 548-554.	2.8	44
102	Wnt/ β -catenin signaling suppresses expressions of <i>Scx</i> , <i>Mlx</i> , and <i>Tnmd</i> in tendon-derived cells. <i>PLoS ONE</i> , 2017, 12, e0182051.	2.5	44
103	Therapeutic potential of hyaluronan oligosaccharides for bone metastasis of breast cancer. <i>Journal of Orthopaedic Research</i> , 2012, 30, 662-672.	2.3	43
104	The effect of recombinant human bone morphogenetic protein-2 on the osteogenic potential of rat mesenchymal stem cells after several passages. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 78, 285-292.	3.3	42
105	Differential Effects of Culture-expanded Bone Marrow Cells on the Regeneration of Bone Between the Femoral and the Tibial Lengthenings. <i>Journal of Pediatric Orthopaedics</i> , 2009, 29, 643-649.	1.2	42
106	Ablation of Keratan Sulfate Accelerates Early Phase Pathogenesis of ALS. <i>PLoS ONE</i> , 2013, 8, e66969.	2.5	41
107	Impact of spinal imbalance and back muscle strength on locomotive syndrome in community-living elderly people. <i>Journal of Orthopaedic Science</i> , 2012, 17, 532-537.	1.1	40
108	Efficacy and safety of certolizumab pegol without methotrexate co-administration in Japanese patients with active rheumatoid arthritis: The HIKARI randomized, placebo-controlled trial. <i>Modern Rheumatology</i> , 2014, 24, 552-560.	1.8	40

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109	How do spinal schwannomas progress? The natural progression of spinal schwannomas on MRI. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 155-159.	1.7	40
110	A low phase angle measured with bioelectrical impedance analysis is associated with osteoporosis and is a risk factor for osteoporosis in community-dwelling people: the Yakumo study. <i>Archives of Osteoporosis</i> , 2018, 13, 39.	2.4	40
111	Postoperative Complications Associated With Spine Surgery in Patients Older Than 90 Years: A Multicenter Retrospective Study. <i>Global Spine Journal</i> , 2018, 8, 887-891.	2.3	40
112	Distraction Osteogenesis Enhanced by Osteoblastlike Cells and Collagen Gel. <i>Clinical Orthopaedics and Related Research</i> , 2002, 399, 240-246.	1.5	39
113	Waist circumference is associated with locomotive syndrome in elderly females. <i>Journal of Orthopaedic Science</i> , 2014, 19, 612-619.	1.1	39
114	Risk Factors for Ineffectiveness of Posterior Decompression and Dekyphotic Corrective Fusion with Instrumentation for Beak-Type Thoracic Ossification of the Posterior Longitudinal Ligament: A Single Institute Study. <i>Neurosurgery</i> , 2017, 80, 800-808.	1.1	39
115	Low Bioelectrical Impedance Phase Angle Is a Significant Risk Factor for Frailty. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	38
116	Mechanism of cartilage destruction in osteoarthritis. <i>Nagoya Journal of Medical Science</i> , 2002, 65, 73-84.	0.3	37
117	Clinical benefit of 1-year certolizumab pegol (CZP) add-on therapy to methotrexate treatment in patients with early rheumatoid arthritis was observed following CZP discontinuation: 2-year results of the C-OPERA study, a phase III randomised trial. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1348-1356.	0.9	36
118	Monitoring C-reactive protein levels to predict favourable clinical outcomes from tocilizumab treatment in patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2013, 23, 977-985.	1.8	35
119	The influence of locomotive syndrome on health-related quality of life in a community-living population. <i>Modern Rheumatology</i> , 2013, 23, 939-944.	1.8	35
120	Long-term Outcome of Gradual Reduction Using Overhead Traction for Developmental Dysplasia of the Hip Over 6 Months of Age. <i>Journal of Pediatric Orthopaedics</i> , 2013, 33, 628-634.	1.2	34
121	Association of Gene Polymorphisms With Intervertebral Disc Degeneration and Vertebral Osteophyte Formation. <i>Spine</i> , 2007, 32, 1279-1286.	2.0	32
122	Study protocol of a multicenter registry of patients with rheumatoid arthritis starting biologic therapy in Japan: Tsurumai Biologics Communication Registry (TBCR) Study. <i>Modern Rheumatology</i> , 2012, 22, 339-345.	1.8	32
123	MRI Characteristics of Spinal Ependymoma in WHO Grade II. <i>Spine</i> , 2018, 43, E525-E530.	2.0	32
124	Protective effect of geranylgeranylacetone, an inducer of heat shock protein 70, against drug-induced lung injury/fibrosis in an animal model. <i>BMC Pulmonary Medicine</i> , 2009, 9, 45.	2.0	31
125	Editors' Choice! Ultrasound measurement of thigh muscle thickness for assessment of sarcopenia. <i>Nagoya Journal of Medical Science</i> , 2018, 80, 519-527.	0.3	31
126	Concomitant iguratimod therapy in patients with active rheumatoid arthritis despite stable doses of methotrexate: a randomized, double-blind, placebo-controlled trial. <i>Modern Rheumatology</i> , 2013, 23, 430-439.	1.8	30

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127	TNF- α -Dependent Activation of NF- κ B in Human Osteoblastic HOS-TE85 Cells Is Repressed in Vector-Averaged Gravity Using Clinostat Rotation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 258-264.	2.1	29
128	Reoperation within 2 years after lumbar interbody fusion: a multicenter study. <i>European Spine Journal</i> , 2018, 27, 1972-1980.	2.2	29
129	Resection of Beak-Type Thoracic Ossification of the Posterior Longitudinal Ligament from a Posterior Approach under Intraoperative Neurophysiological Monitoring for Paralysis after Posterior Decompression and Fusion Surgery. <i>Global Spine Journal</i> , 2016, 6, 812-821.	2.3	28
130	Physical, Mental, and Social Problems of Adolescent and Adult Patients with Achondroplasia. <i>Calcified Tissue International</i> , 2019, 104, 364-372.	3.1	28
131	Hyaluronan oligosaccharides promote functional recovery after spinal cord injury in rats. <i>Neuroscience Letters</i> , 2011, 488, 299-304.	2.1	27
132	The Effect of β -Carotene on Lumbar Osteophyte Formation. <i>Spine</i> , 2011, 36, 2293-2298.	2.0	27
133	Recovery of clinical but not radiographic outcomes by the delayed addition of adalimumab to methotrexate-treated Japanese patients with early rheumatoid arthritis: 52-week results of the HOPEFUL-1 trial. <i>Rheumatology</i> , 2014, 53, 904-913.	1.9	27
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