

# Seiji Ohtori

## List of Publications by Year in descending order

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Version: 2024-02-01

413  
papers

6,702  
citations

108046

37  
h-index

134545

62  
g-index

421  
all docs

421  
docs citations

421  
times ranked

6114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute celiac artery compression syndrome with superior mesenteric artery stenosis and aortic stenosis: A rare but life-threatening complication after adult spinal deformity surgery. <i>Journal of Orthopaedic Science</i> , 2023, 28, 490-494.	0.5	5
2	Foot morphology and correlation with lower extremity pain in Japanese children: A cross-sectional study of the foot posture Index-6. <i>Journal of Orthopaedic Science</i> , 2023, 28, 212-216.	0.5	5
3	Efficacy and Safety of Condoliase Disc Administration as a New Treatment for Lumbar Disc Herniation. <i>Spine Surgery and Related Research</i> , 2022, 6, 31-37.	0.4	7
4	Anatomical factors associated with progression of hallux valgus. <i>Foot and Ankle Surgery</i> , 2022, 28, 240-244.	0.8	2
5	Knowledge of and experience with transgender players among soccer team staff: a cross-sectional questionnaire design. <i>Physician and Sportsmedicine</i> , 2022, 50, 244-250.	1.0	2
6	Usefulness of Simultaneous Magnetic Resonance Neurography and Apparent T2 Mapping for the Diagnosis of Cervical Radiculopathy. <i>Asian Spine Journal</i> , 2022, 16, 47-55.	0.8	1
7	Comparison of joint awareness after medial unicompartmental knee arthroplasty and high tibial osteotomy: a retrospective multicenter study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1133-1140.	1.3	7
8	Efficacy of lateral lumbar interbody fusion combined with posterior spinal fusion compared with three-column osteotomy for adult spinal deformity with severe lumbar sagittal deformity.. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 973-979.	0.6	6
9	Large Lumbar Lordosis Is a Risk Factor for Lumbar Spondylolysis in Patients with Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2022, 47, 76-81.	1.0	4
10	Tumor necrosis factor receptor $\alpha$ 1 is selectively sequestered into Schwann cell extracellular vesicles where it functions as a <sc>TNF $\alpha$ </sc> decoy. <i>Glia</i> , 2022, 70, 256-272.	2.5	7
11	A novel treatment strategy using continuous local antibiotic perfusion: A case series study of a refractory infection caused by hypervirulent <i>Klebsiella pneumoniae</i> . <i>Journal of Orthopaedic Science</i> , 2022, 27, 272-280.	0.5	16
12	Effects of the difference between lumbar lordosis in the supine and standing positions on the clinical outcomes of decompression surgery for lumbar spinal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 542-548.	0.9	4
13	Analgesic effects and arthritic changes following tramadol administration in a rat hip osteoarthritis model. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1770-1777.	1.2	4
14	Mechanism of Chronic Pain of Symptomatic Hip Osteoarthritis by Association of its Distribution, Nociceptive, Neuropathic, Nociplastic, or Mixed-pain Screening, and the Prevalence of Lumbar Spinal Stenosis. <i>Clinical Journal of Pain</i> , 2022, 38, 77-87.	0.8	5
15	Factors associated with pain-related disorders and gait disturbance scores from the Japanese orthopedic association back pain evaluation questionnaire and Oswestry Disability Index in patients with osteoporosis. <i>Archives of Osteoporosis</i> , 2022, 17, 1.	1.0	13
16	Risk Factors for Lateral Translation in Residual Adolescent Idiopathic Scoliosis with a Thoracolumbar/Lumbar Curve. <i>Spine Surgery and Related Research</i> , 2022, 6, 247-251.	0.4	1
17	Association Between the Accumulation of Pentosidine at the Sciatic Nerve and Cutaneous Hindpaw Hypersensitivity in a Rat Ovariectomy Model. <i>Cureus</i> , 2022, 14, e21059.	0.2	0
18	Bone union $\alpha$ -promoting effect of romosozumab in a rat posterolateral lumbar fusion model. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2576-2585.	1.2	7

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19	MRI T2-mapping of lumbar facet joints is effective for quantitative evaluation of lumbar instability in patients with degenerative lumbar disorders. <i>European Spine Journal</i> , 2022, 31, 1479-1486.	1.0	2
20	Nerve decompression surgery suppresses TNF- $\alpha$ expression and T cell infiltration in a rat sciatic nerve chronic constriction injury model. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2537-2545.	1.2	2
21	A 2-year longitudinal study of skeletal muscle mass in women over 40 years of age with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2022, , 1.	1.0	0
22	Establishment and Characterization of NCC-MFS5-C1: A Novel Patient-Derived Cell Line of Myxofibrosarcoma. <i>Cells</i> , 2022, 11, 207.	1.8	4
23	Lateral bending differentiates early-stage spondylolysis from nonspecific low back pain in adolescents. <i>Musculoskeletal Science and Practice</i> , 2022, 58, 102526.	0.6	0
24	Is anterior decompression and fusion more beneficial than laminoplasty for K-line (+) cervical ossification of the posterior longitudinal ligament? An analysis using propensity score matching. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 13-20.	0.9	3
25	The influence of calcar collar and surface finish in the cemented femoral component on the incidence of postoperative periprosthetic femoral fracture at a minimum of five years after primary total hip arthroplasty. <i>Injury</i> , 2022, 53, 2247-2258.	0.7	2
26	Decreased muscle mass and strength affected spinal sagittal malalignment. <i>European Spine Journal</i> , 2022, 31, 1431-1437.	1.0	2
27	Clavicle Pro Humero Reconstruction for Malignant Tumor of the Proximal Humerus in Children and Adults. <i>Anticancer Research</i> , 2022, 42, 2139-2144.	0.5	1
28	Determinants of fracture type in the proximal femur: Biomechanical study of fresh frozen cadavers and finite element models. <i>Bone</i> , 2022, 158, 116352.	1.4	2
29	Nerve Growth Factor in Breast Cancer Cells Promotes Axonal Growth and Expression of Calcitonin Gene-related Peptide in a Rat Model of Spinal Metastasis. <i>Anticancer Research</i> , 2022, 42, 581-587.	0.5	2
30	Detecting Distal Radial Fractures from Wrist Radiographs Using a Deep Convolutional Neural Network with an Accuracy Comparable to Hand Orthopedic Surgeons. <i>Journal of Digital Imaging</i> , 2022, 35, 39-46.	1.6	13
31	Intradural Extramedullary Spinal Tumor Suspected Angiosarcoma Based on Clinical Course and Pathological Findings: A Case Report. <i>Spine Surgery and Related Research</i> , 2022, , .	0.4	1
32	Biomechanical assessment of the first dorsal compartment of the wrist: a fresh cadaver study with relevance to de Quervain's disease. <i>Clinical Anatomy</i> , 2022, , .	1.5	1
33	Risk factors for the occurrence and protraction of patellar and patellar tendon pain in children and adolescents: a prospective cohort study of 3-6 years. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 389.	0.8	1
34	Minimum 10-Year Follow-Up of Total Hip Arthroplasty With a Collarless Triple-Tapered Polished Cemented Stem With Line-to-Line Implantation Using a Direct Anterior Approach. <i>Journal of Arthroplasty</i> , 2022, 37, 2214-2224.	1.5	2
35	Medical Accidents Related to Ferromagnetic Objects Brought into the MRI Room: Analysis of the National Multicenter Database by Orthopedic Surgeons. <i>Spine Surgery and Related Research</i> , 2022, , .	0.4	0
36	Time-Dependent Change in Cartilage Repair Tissue Evaluated by Magnetic Resonance Imaging up to 2 years after Atelocollagen-Assisted Autologous Cartilage Transplantation: Data from the CaTCh Study. <i>Cartilage</i> , 2022, 13, 194760352211092.	1.4	3

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37	What factor induces stress in patients with AIS under brace treatment? Analysis of a specific factor using exploratory factor analysis. <i>Journal of Orthopaedic Science</i> , 2021, 26, 999-1003.	0.5	3
38	Evaluation of anterior oblique ligament tension at the elbow joint angle—a cadaver study. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 359-364.	1.2	3
39	Impact of background factors on outcomes of pharmacological therapy for chronic low back pain: A nationwide multicenter prospective study. <i>Journal of Orthopaedic Science</i> , 2021, 26, 92-102.	0.5	4
40	Minimum 5-Year follow-up of clinical and radiographic results of cemented acetabular components with an interface bioactive bone cement technique in primary cemented total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 139-147.	1.3	3
41	Anchor type at upper instrumented vertebra and postoperative shoulder imbalance in patients with Lenke type 1 adolescent idiopathic scoliosis. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 245-251.	0.6	0
42	Establishment and characterization of NCC-DDLPS1-C1: a novel patient-derived cell line of dedifferentiated liposarcoma. <i>Human Cell</i> , 2021, 34, 260-270.	1.2	5
43	Effect of Ultrasound-Guided Hydrorelease of the Multifidus Muscle on Acute Low Back Pain. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 981-987.	0.8	7
44	Advanced glycation end products are associated with sarcopenia in older women: aging marker dynamics. <i>Journal of Women and Aging</i> , 2021, 33, 328-340.	0.5	24
45	Predictors of Spontaneous Restoration of Lumbar Lordosis after Single-Level Transforaminal Lumbar Interbody Fusion for Degenerative Lumbar Diseases. <i>Spine Surgery and Related Research</i> , 2021, 5, 397-404.	0.4	6
46	Utility of Physical Examination Findings for Predicting Low-Back Pain in Adolescent Patients with Early-Stage Spondylolysis: A Retrospective Comparative Cohort Study. <i>Spine Surgery and Related Research</i> , 2021, 5, 412-417.	0.4	3
47	The Optimal Anatomical Position and Threshold Temperature of a Temperature Data Logger for Brace-Wearing Compliance in Patients with Scoliosis. <i>Spine Surgery and Related Research</i> , 2021, 6, 133-138.	0.4	1
48	Neural crest stem cells can be induced <i>in vitro</i> from human-induced pluripotent stem cells using a novel protocol free of feeder cells. <i>Journal of Rural Medicine: JRM</i> , 2021, 16, 143-147.	0.2	1
49	Pulmonary Function Improves in Patients with Adolescent Idiopathic Scoliosis who Undergo Posterior Spinal Fusion Regardless of Thoracoplasty: A Mid-Term Follow-Up. <i>Spine Surgery and Related Research</i> , 2021, 5, 22-27.	0.4	3
50	Technical and Conceptual Review on the L5-S1 Oblique Lateral Interbody Fusion Surgery (OLIF51). <i>Spine Surgery and Related Research</i> , 2021, 5, 1-9.	0.4	11
51	Influence of Spondylolysis on Clinical Presentations in Patients With Lumbar Degenerative Disease. <i>Cureus</i> , 2021, 13, e12570.	0.2	0
52	Time-Course Changes in Bone Metabolism Markers and Density in Patients with Osteoporosis Treated with Romosozumab: A Multicenter Retrospective Study. <i>Yonsei Medical Journal</i> , 2021, 62, 829.	0.9	3
53	Concentrated autologous bone marrow aspirate transplantation versus conservative treatment for corticosteroid-associated osteonecrosis of the femoral head in systemic lupus erythematosus. <i>Journal of Rural Medicine: JRM</i> , 2021, 16, 1-7.	0.2	3
54	Comprehensive miRNA expression analysis for histological subtypes of soft tissue sarcoma. <i>Journal of Electrophoresis</i> , 2021, 65, 13-22.	0.2	0

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55	Percutaneously-quantified advanced glycation end-products (AGEs) accumulation associates with low back pain and lower extremity symptoms in middle-aged low back pain patients. <i>Journal of Clinical Neuroscience</i> , 2021, 84, 15-22.	0.8	5
56	Establishment and characterization of NCC-SS4-C1: a novel patient-derived cell line of synovial sarcoma. <i>Human Cell</i> , 2021, 34, 998-1007.	1.2	3
57	Decreased physical activity in patients with ankle osteoarthritis. A case-control study comparing daily step counts. <i>Foot and Ankle Surgery</i> , 2021, 28, 66-66.	0.8	3
58	The Mechanical Strength of Side-to-Side Tendon Repair Using a Modified Krackow Technique. <i>journal of hand surgery Asian-Pacific volume, The</i> , 2021, 26, 188-193.	0.2	0
59	Prediction of Stress Distribution Applied to the Triangular Fibrocartilage Complex: A Finite Element Analysis. <i>Journal of Hand Surgery Global Online</i> , 2021, 3, 94-98.	0.3	4
60	Age-Specific Characteristics of Lumbopelvic Alignment in Patients with Spondylolysis: How Bilateral L5 Spondylolysis Influences Lumbopelvic Alignment During the Aging Process. <i>World Neurosurgery</i> , 2021, 147, e524-e532.	0.7	3
61	Establishment and characterization of NCC-DDLPS3-C1: a novel patient-derived cell line of dedifferentiated liposarcoma. <i>Human Cell</i> , 2021, 34, 1008-1018.	1.2	7
62	Associated injury complicated by pediatric lower limb shaft fractures and clinical efficacy of flexible stainless-steel intramedullary nailing in children less than 15 years old. <i>Orthopedic Reviews</i> , 2021, 13, 8008.	0.3	1
63	Incidence, Risk Factors, and Prevention Strategy for Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery. <i>Spine Surgery and Related Research</i> , 2021, 5, 75-80.	0.4	7
64	Biomechanical Evaluation of Opponensplasty for Low Median Palsy: A Cadaver Study. <i>Journal of Hand Surgery Global Online</i> , 2021, 3, 74-80.	0.3	3
65	Body Composition in Japanese Girls with Adolescent Idiopathic Scoliosis. <i>Spine Surgery and Related Research</i> , 2021, 5, 68-74.	0.4	12
66	Usefulness of dynamic stabilisation with mobile percutaneous pedicle screw for thoracic vertebral fractures in diffuse idiopathic skeletal hyperostosis. <i>BMJ Case Reports</i> , 2021, 14, e242042.	0.2	3
67	Evaluation of fixation after plating of distal radius fractures - a validation study. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1687-1692.	0.9	3
68	Diffusion Tensor Imaging of the Spinal Canal in Quantitative Assessment of Patients with Lumbar Spinal Canal Stenosis. <i>Asian Spine Journal</i> , 2021, 15, 207-215.	0.8	3
69	Background factors for chronic low back pain resistant to cognitive behavioral therapy. <i>Scientific Reports</i> , 2021, 11, 8227.	1.6	4
70	Intra- and interobserver reliability of implant positioning evaluation on a CT-based three-dimensional postoperative matching system for total knee arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 363.	0.8	1
71	Skull fracture and epidural hematoma caused by use of a Mayfield skull clamp in an adult patient with chronic hemodialysis: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 154.	0.4	3
72	Gender-specific analysis for the association between trunk muscle mass and spinal pathologies. <i>Scientific Reports</i> , 2021, 11, 7816.	1.6	6

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73	Gene expression profiling of the spinal cord at the chronic pain phase identified CDKL5 as a candidate gene for neural remodeling. <i>Neuroscience Letters</i> , 2021, 749, 135772.	1.0	5
74	Changes in the Syndesmotic Reduction After Syndesmotic Suture-Button Fixation for Ankle Malleolar Fractures: 1-Year Longitudinal Evaluations Using Computed Tomography. <i>Foot and Ankle International</i> , 2021, 42, 1270-1276.	1.1	3
75	Relationships Between Spinal Alignment and Muscle Mass in Osteoporosis Patients Over 75 Years of Age Who Were Independent and Maintained Their Activities of Daily Living. <i>Cureus</i> , 2021, 13, e15130.	0.2	1
76	Establishment and characterization of NCC-MFS3-C1: a novel patient-derived cell line of myxofibrosarcoma. <i>Human Cell</i> , 2021, 34, 1266-1273.	1.2	7
77	Machine learning-based image analysis for accelerating the diagnosis of complicated preneoplastic and neoplastic ductal lesions in breast biopsy tissues. <i>Breast Cancer Research and Treatment</i> , 2021, 188, 649-659.	1.1	7
78	The distance between the femoral nerve and anterior acetabulum is significantly shorter in hip osteoarthritis than in non-osteoarthritis hip. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 416.	0.8	1
79	Risk factors for a radiolucent line around the acetabular component with an interface bioactive bone cement technique after primary cemented total hip arthroplasty. <i>Bone &amp; Joint Open</i> , 2021, 2, 278-292.	1.1	0
80	Skip decompression surgeries in the treatment of holospinal epidural abscess: a case report. <i>Spinal Cord Series and Cases</i> , 2021, 7, 38.	0.3	3
81	Improvements in Intractable Lumbar and LowerExtremity Symptoms after Systemic Administration of Tocilizumab, an Anti-interleukin-6 Receptor Antibody. <i>Asian Spine Journal</i> , 2021, , .	0.8	1
82	Machine Learning Approach in Predicting Clinically Significant Improvements After Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, 1683-1689.	1.0	11
83	Exercise attenuates low back pain and alters epigenetic regulation in intervertebral discs in a mouse model. <i>Spine Journal</i> , 2021, 21, 1938-1949.	0.6	14
84	Effects of Nintendo Ring Fit Adventure Exergame on Pain and Psychological Factors in Patients with Chronic Low Back Pain. <i>Games for Health Journal</i> , 2021, 10, 158-164.	1.1	24
85	Relationship between Skeletal Muscle Mass, Bone Mineral Density, and Trabecular Bone Score in Osteoporotic Vertebral Compression Fractures. <i>Asian Spine Journal</i> , 2021, 15, 365-372.	0.8	16
86	Effect of Systemic Administration of Granulocyte Colony-Stimulating Factor on a Chronic Partial-Thickness Cartilage Defect in a Rabbit Knee Joint. <i>Cartilage</i> , 2021, , 194760352110219.	1.4	3
87	Establishment and characterization of NCC-ssRMS2-C1: a novel patient-derived cell line of spindle cell/sclerosing rhabdomyosarcoma. <i>Human Cell</i> , 2021, 34, 1569-1578.	1.2	0
88	Computed Tomographic Assessment of Age- and Gender-Specific Sagittal Lumbopelvic Alignment in a Japanese Population. <i>Spine Surgery and Related Research</i> , 2021, 5, 278-283.	0.4	0
89	Randomized comparative study of suspension femoral fixation device in graft position maintenance in anterior cruciate ligament reconstruction: EndoButton CL vs TightRope RT. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2021, 25, 42-46.	0.4	2
90	A Case with Rapid Progression of Anemia Due to an Intravertebral Body Pseudoaneurysm with a 3-Column Osteoporotic Vertebral Fracture from Ankylosing Spinal Disorder. <i>Spine Surgery and Related Research</i> , 2021, 5, 313-316.	0.4	0

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91	Comparison of the Effectiveness of Pharmacological Treatments for Patients with Chronic Low Back Pain: A Nationwide, Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2021, 5, 252-263.	0.4	2
92	Novel perceptions toward the pathology and treatment outcomes in lower back pain patients using wearable trackers. <i>Pain Research</i> , 2021, 36, 96-101.	0.1	0
93	Poor Efficacy of Postoperative Radiotherapy in Infiltrative High-grade Soft Tissue Sarcomas. <i>Anticancer Research</i> , 2021, 41, 4027-4032.	0.5	1
94	Horner's Syndrome After Anterior Decompression and Fusion for Cervical Spine Pathologies: Report of Two Cases. <i>Cureus</i> , 2021, 13, e16633.	0.2	1
95	Comparison between intervertebral oblique lumbar interbody fusion and transforaminal lumbar interbody fusion: a multicenter study. <i>Scientific Reports</i> , 2021, 11, 16673.	1.6	17
96	Long-term Evaluation Using Finite Element Analysis of Bone Atrophy Changes after Locking Plate Fixation of Forearm Diaphyseal Fracture. <i>Journal of Hand Surgery Global Online</i> , 2021, 3, 240-244.	0.3	6
97	Surgical Treatment for Radiculopathy Due to Spinal Metastasis: A Report of Three Cases. <i>Cureus</i> , 2021, 13, e17762.	0.2	1
98	Interobserver and Intraobserver Reliabilities of Three-Dimensional Postoperative Evaluation Software in Total Hip Arthroplasty. <i>Advances in Orthopedics</i> , 2021, 2021, 1-9.	0.4	0
99	The Thioredoxin Reductase Inhibitor Auranofin Suppresses Pulmonary Metastasis of Osteosarcoma, But Not Local Progression. <i>Anticancer Research</i> , 2021, 41, 4947-4955.	0.5	5
100	Early mobilization reduces the medical care cost and the risk of disuse syndrome in patients with acute osteoporotic vertebral fractures. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 155-159.	0.8	3
101	Effectiveness of Salvage Knee Rotationplasty on Sarcoma Around the Knee in Adolescents and Young Adults. <i>Anticancer Research</i> , 2021, 41, 1041-1046.	0.5	9
102	Minimally Invasive "Crab-Shaped Fixation" for Treating Patients with Fragility Fractures of the Pelvis. <i>Spine Surgery and Related Research</i> , 2021, 5, 425-430.	0.4	2
103	Influence of Preoperative Difference in Lumbar Lordosis Between the Standing and Supine Positions on Clinical Outcomes After Single-level Transforaminal Lumbar Interbody Fusion. <i>Spine</i> , 2021, 46, 1070-1080.	1.0	5
104	Increase in Achilles Tendon Rupture Surgery in Japan: Results From a Nationwide Health Care Database. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110341.	0.8	8
105	Establishment and characterization of NCC-UPS3-C1: a novel patient-derived cell line of undifferentiated pleomorphic sarcoma. <i>Human Cell</i> , 2021, 35, 384.	1.2	2
106	The Quantity and Quality of Lumbar Muscles and Lumbopelvic Parameters in Patients With Degenerative Spondylolisthesis. <i>Cureus</i> , 2021, 13, e18428.	0.2	0
107	Establishment and Characterization of NCC-DDLPS4-C1: A Novel Patient-Derived Cell Line of Dedifferentiated Liposarcoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 1075.	1.1	3
108	Open Reduction and Internal Fixation of Simultaneous, Bilateral, Atypical Femoral Shaft Fractures After Nine Years of Bisphosphonate Treatment. <i>Cureus</i> , 2021, 13, e19177.	0.2	1



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109	An Anatomic Study of the Relationship Between the Iliocapsularis Muscle and Iliofemoral Ligament in Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2021, 12, 57-61.	0.8	2
110	An Injectable Hyaluronic Acid Hydrogel Promotes Intervertebral Disc Repair in a Rabbit Model. <i>Spine</i> , 2021, 46, E810-E816.	1.0	10
111	Risk Factor for Poor Patient Satisfaction After Lumbar Spine Surgery in Elderly Patients Aged Over 80 years. <i>Clinical Spine Surgery</i> , 2021, 34, E223-E228.	0.7	6
112	Lateral Bowing of Femur Associated With Older Age, Shorter Stature, and Lower Bone Mineral Density. <i>Cureus</i> , 2021, 13, e19735.	0.2	1
113	The Thioredoxin-1 Inhibitor, PX-12, Suppresses Local Osteosarcoma Progression. <i>Anticancer Research</i> , 2021, 41, 6013-6021.	0.5	3
114	Clinical Effectiveness and Cost-effectiveness of Videoconference-Based Integrated Cognitive Behavioral Therapy for Chronic Pain: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e30690.	2.1	9
115	Doxorubicin Combined With Ifosfamide for Sarcoma Induces Muscle Atrophy and Sleep Disruption. <i>Anticancer Research</i> , 2021, 41, 6273-6278.	0.5	0
116	Postoperative change in lumbopelvic alignment after short-segment transforaminal lumbar interbody fusion is related to preoperative postural difference in lumbar lordosis. <i>Journal of Orthopaedic Science</i> , 2021, , .	0.5	2
117	Mechanical testing of cephalomedullary nail lag screws after the addition of hydroxyapatite substitutes. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2021, 4, e160.	0.4	1
118	Polyglycolic acidâ€œcollagen tube combined with collagenâ€œbinding basic fibroblast growth factor accelerates gait recovery in a rat sciatic nerve criticalâ€œsize defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 326-332.	1.6	14
119	Timing of Intra-Articular Injection of Synovial Mesenchymal Stem Cells Affects Cartilage Restoration in a Partial Thickness Cartilage Defect Model in Rats. <i>Cartilage</i> , 2020, 11, 122-129.	1.4	24
120	Simultaneous MR neurography and apparent T2 mapping of cervical nerve roots before microendoscopic surgery to treat patient with radiculopathy due to cervical disc herniation: Preliminary results. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 213-219.	0.8	6
121	Short-term mortality and risk factors associated with reoperation after emergency amputation of the lower limbs. <i>Journal of Orthopaedic Science</i> , 2020, 25, 435-440.	0.5	0
122	Spinal Alignments of Residual Lumbar Curve Affect Disc Degeneration after Spinal Fusion in Patients with Adolescent Idiopathic Scoliosis: Follow-up after 5 or More Years. <i>Spine Surgery and Related Research</i> , 2020, 4, 50-56.	0.4	4
123	The shape of the first metatarsal head and its association with the presence of sesamoid-metatarsal joint osteoarthritis and the pronation angle. <i>Journal of Orthopaedic Science</i> , 2020, 25, 658-663.	0.5	14
124	Anatomical course of the lateral femoral cutaneous nerve with special reference to the direct anterior approach to total hip arthroplasty. <i>Modern Rheumatology</i> , 2020, 30, 752-757.	0.9	9
125	Predictive value of magnetic resonance imaging for multifocal osteonecrosis screening associated with glucocorticoid therapy. <i>Modern Rheumatology</i> , 2020, 30, 586-591.	0.9	4
126	Arthroscopic tenodesis using a bioabsorbable interference screw and soft anchor: A case series of 60 patients. <i>Journal of Orthopaedic Science</i> , 2020, 25, 410-415.	0.5	4



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127	Influence of foot position on the measurement of first metatarsal axial rotation using the first metatarsal axial radiographs. <i>Journal of Orthopaedic Science</i> , 2020, 25, 664-670.	0.5	4
128	Analgesic Effect of Duloxetine on an Animal Model of Monosodium Iodoacetate-Induced Hip Osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020, 38, 422-430.	1.2	6
129	Radiological Assessment of Damage to the Iliopsoas Muscle by the Oblique Lateral Interbody Fusion Approach. <i>Spine Surgery and Related Research</i> , 2020, 4, 152-158.	0.4	5
130	Clinical application of intraoperative O-arm navigation in reverse shoulder arthroplasty. <i>Journal of Orthopaedic Science</i> , 2020, 25, 836-842.	0.5	7
131	Biomechanics of callus in the bone healing process, determined by specimen-specific finite element analysis. <i>Bone</i> , 2020, 132, 115212.	1.4	17
132	Patients majoring in a healthcare field after scoliosis surgery: Comparison with the national census in Japan. <i>Journal of Orthopaedic Science</i> , 2020, 25, 394-399.	0.5	1
133	A1 pulley stretching treats trigger finger: A1 pulley luminal region under digital flexor tendon traction. <i>Clinical Biomechanics</i> , 2020, 72, 136-140.	0.5	3
134	A Deep Convolutional Neural Network With Performance Comparable to Radiologists for Differentiating Between Spinal Schwannoma and Meningioma. <i>Spine</i> , 2020, 45, 694-700.	1.0	32
135	Anatomical Implications Regarding Femoral Nerve Palsy During a Direct Anterior Approach to Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 137-142.	1.4	16
136	Natural history of noise and squeaking in cementless ceramic-on-ceramic total hip arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 21, 544-549.	0.6	5
137	Short- versus long-segment posterior spinal fusion with vertebroplasty for osteoporotic vertebral collapse with neurological impairment in thoracolumbar spine: a multicenter study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 513.	0.8	7
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139	Giant Protruding High-Grade Undifferentiated Pleomorphic Sarcoma Arising in a Keloid Scar on the Abdominal Wall. <i>Case Reports in Dermatological Medicine</i> , 2020, 2020, 1-4.	0.1	2
140	Impact of spinal alignment and stiffness on impingement after total hip arthroplasty: a radiographic study of pre- and post-operative spinopelvic alignment. <i>European Spine Journal</i> , 2020, 30, 2443-2449.	1.0	13
141	Intramedullary Nail Fixation with Autologous Bone Marrow Transplantation in an Incomplete Atypical Femoral Fracture Patient: Use of Bone Marrow Extracted from the Hollow Reamer. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-4.	0.1	1
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146	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 420.	0.8	15
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153	Synovitis, Acne, Pustulosis, Hyperostosis, and Osteitis Syndrome with Purely Osteolytic, Not Osteosclerotic, Lesions Mimicking a Malignant Tumor. <i>Case Reports in Rheumatology</i> , 2020, 2020, 1-6.	0.2	0
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161	Evaluating Spinal Canal Lesions Using Apparent Diffusion Coefficient Maps with Diffusion-Weighted Imaging. <i>Asian Spine Journal</i> , 2020, 14, 312-319.	0.8	1
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165	Response to Letter to the Editor: Spinopelvic Alignment and Low Back Pain after Total Hip Replacement Arthroplasty in Patients with Severe Hip Osteoarthritis. <i>Asian Spine Journal</i> , 2020, 14, 933-933.	0.8	0
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176	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. <i>Spine Surgery and Related Research</i> , 2019, 3, 361-367.	0.4	19
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178	Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 985-990.	0.5	8
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181	Answer to the Letter to the Editor of V. B. Safer et al. concerning "Analysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosis" by Eguchi Y et al. (Eur Spine J; 2018;) TJ ETQq1 1 0.784314 rgB0 /Overlock 10 Tf 5	0.784314	10
182	Giant Muscle Invasive Dermatofibroma Clinically Mimicking a Malignant Tumor. Case Reports in Dermatological Medicine, 2019, 2019, 1-4.	0.1	1
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197	MRI evaluation of dural sac enlargement by interspinous process spacers in patients with lumbar spinal stenosis: Does it play a role in the long term?. Journal of Orthopaedic Science, 2019, 24, 979-984.	0.5	3
198	Tissue-type plasminogen activator-primed human iPSC-derived neural progenitor cells promote motor recovery after severe spinal cord injury. Scientific Reports, 2019, 9, 19291.	1.6	7

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200	Efficacy of foot orthoses as nonoperative treatment for hallux valgus: A 2-year follow-up study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 526-531.	0.5	16
201	Single vs. repeated matrix metalloproteinase-13 knockdown with intra-articular short interfering RNA administration in a murine osteoarthritis model. <i>Connective Tissue Research</i> , 2019, 60, 335-343.	1.1	8
202	Analysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2019, 28, 1618-1625.	1.0	16
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204	Platelet-rich plasma enhances bone union in posterolateral lumbar fusion: A prospective randomized controlled trial. <i>Spine Journal</i> , 2019, 19, e34-e40.	0.6	25
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206	Vein wrapping facilitates basic fibroblast growth factor-induced heme oxygenase-1 expression following chronic nerve constriction injury. <i>Journal of Orthopaedic Research</i> , 2018, 36, 898-905.	1.2	7
207	Vein wrapping promotes M2 macrophage polarization in a rat chronic constriction injury model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2210-2217.	1.2	15
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212	Relationship between neuropathy proximal to the suprascapular nerve and rotator cuff tear in a rodent model. <i>Journal of Orthopaedic Science</i> , 2018, 23, 414-419.	0.5	12
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218	Answer to the Letter to the Editor of Wang Kai et al. concerning "Radiographic evaluation of indirect decompression of mini-open anterior retroperitoneal lumbar interbody fusion: oblique lateral interbody fusion for degenerated lumbar spondylolisthesis" by Jun Sato et al. <i>Eur Spine J</i> (2017) 26:671-678. <i>European Spine Journal</i> , 2018, 27, 240-241.	1.0	4
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222	Spinopelvic Alignment and Low Back Pain after Total Hip Replacement Arthroplasty in Patients with Severe Hip Osteoarthritis. <i>Asian Spine Journal</i> , 2018, 12, 325-334.	0.8	25
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228	The effects of minodronate and activated vitamin D on bone mineral density and muscle mass in postmenopausal women with osteoporosis. <i>Spine Surgery and Related Research</i> , 2018, 2, 148-153.	0.4	0
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231	Finite element analysis of the femoral diaphysis of fresh-frozen cadavers with computed tomography and mechanical testing. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 192.	0.9	11
232	Huge Pseudoaneurysm of the Femoral Artery after Internal Fixation of Femoral Trochanteric Fracture. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-4.	0.1	7
233	The influence of bone cement and American Society of Anesthesiologists (ASA) class on cardiovascular status during bipolar hemiarthroplasty for displaced femoral-neck fracture: A multicenter, prospective, case-control study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 687-694.	0.9	9
234	Spinal myoclonus selectively affecting the platysma after cervical laminectomy. <i>Neurology</i> , 2018, 91, 45-46.	1.5	1



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236	Prevalence and associated factors of foot and ankle pain among nurses at a university hospital in Japan: A cross-sectional study. <i>Journal of Occupational Health</i> , 2018, 60, 132-139.	1.0	15
237	A comparative study of flat surface design and medial pivot design in posterior cruciate-retaining total knee arthroplasty: a matched pair cohort study of two years. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 234.	0.8	11
238	Macrophage-derived inflammatory cytokines regulate growth factors and pain-related molecules in mice with intervertebral disc injury. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2274-2279.	1.2	37
239	Evaluation of Lumbar Intervertebral Disc Degeneration Using T1 and T2 Magnetic Resonance Imaging in a Rabbit Disc Injury Model. <i>Asian Spine Journal</i> , 2018, 12, 317-324.	0.8	13
240	Ultrasonography could be used to predict extended insertion of the EPB tendon noninvasively. <i>Surgical and Radiologic Anatomy</i> , 2018, 40, 995-999.	0.6	1
241	Histological analysis and biomechanical evaluation of fatty infiltration after rotator cuff tear and suprascapular nerve injury in a rat model. <i>Journal of Orthopaedic Science</i> , 2018, 23, 834-841.	0.5	6
242	Changes in proinflammatory cytokines, neuropeptides, and microglia in an animal model of monosodium iodoacetate-induced hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2978-2986.	1.2	22
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244	Perioperative Complications in 155 Patients Who Underwent Oblique Lateral Interbody Fusion Surgery. <i>Spine</i> , 2017, 42, 55-62.	1.0	197
245	Lower Lumbar Segmental Arteries Can Intersect Over the Intervertebral Disc in the Oblique Lateral Interbody Fusion Approach With a Risk for Arterial Injury. <i>Spine</i> , 2017, 42, 135-142.	1.0	36
246	Anatomical evaluation of lumbar nerves using diffusion tensor imaging and implications of lateral decubitus for lateral transpsoas approach. <i>European Spine Journal</i> , 2017, 26, 2804-2810.	1.0	15
247	Intraoperative blood pressure changes during cemented versus uncemented bipolar hemiarthroplasty for displaced femoral neck fracture: a multi-center cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 523-529.	1.3	10
248	Associations between sarcopenia and degenerative lumbar scoliosis in older women. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 9.	2.3	62
249	Direct anterior approach for total hip arthroplasty with a novel mobile traction table -a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 49.	0.8	16
250	Effect of Freeze-Dried Allograft Bone With Human Basic Fibroblast Growth Factor Containing a Collagen-Binding Domain From <i>Clostridium histolyticum</i> Collagenase on Bone Formation After Lumbar Posterolateral Fusion Surgery in Rats. <i>Spine</i> , 2017, 42, E995-E1001.	1.0	6
251	Insidious intraoperative ureteral injury as a complication in oblique lumbar interbody fusion surgery: a case report. <i>BMC Research Notes</i> , 2017, 10, 193.	0.6	26
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254	Smith's fracture generally occurs after falling on the palm of the hand. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2435-2441.	1.2	7
255	Inflammatory pain-related traits of sensory DRG neurons innervating the hip joints. <i>Journal of Orthopaedic Science</i> , 2017, 22, 325-329.	0.5	3
256	Visualization of lumbar nerves using reduced field-of-view diffusion tensor imaging in healthy volunteers and patients with degenerative lumbar disorders. <i>British Journal of Radiology</i> , 2017, 90, 20160929.	1.0	8
257	Stress fracture of the second proximal phalanx of the foot in teenage athletes: Unrecognized location of stress fracture. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2017, 10, 12-16.	0.4	2
258	Association of Anxiety and Depression With Pain and Quality of Life in Patients With Chronic Foot and Ankle Diseases. <i>Foot and Ankle International</i> , 2017, 38, 1192-1198.	1.1	33
259	Survey of hip fractures in Japan: Recent trends in prevalence and treatment. <i>Journal of Orthopaedic Science</i> , 2017, 22, 909-914.	0.5	97
260	Drop finger caused by 8th cervical nerve root impairment: a clinical case series. <i>European Spine Journal</i> , 2017, 26, 1096-1100.	1.0	5
261	Revision Total Hip Arthroplasty Using a Cementless Cup Supporter and Iliac Autograft: A Minimum of 15-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2017, 32, 3495-3501.	1.5	6
262	The influence of sarcopenia in dropped head syndrome in older women. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 5.	2.3	20
263	Pain-related behavior and the characteristics of dorsal-root ganglia in a rat model of hip osteoarthritis induced by mono-iodoacetate. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1424-1430.	1.2	27
264	Distribution of hip pain in patients with idiopathic osteonecrosis of the femoral head. <i>Modern Rheumatology</i> , 2017, 27, 503-507.	0.9	17
265	Oriented collagen tubes combined with basic fibroblast growth factor promote peripheral nerve regeneration in a 15-mm sciatic nerve defect rat model. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 8-14.	2.1	47
266	Less invasive lumbopelvic fixation technique using a percutaneous pedicle screw system for unstable pelvic ring fracture in a patient with severe multiple traumas. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 203-207.	0.9	13
267	Freeze-Dried Human Platelet-Rich Plasma Retains Activation and Growth Factor Expression after an Eight-Week Preservation Period. <i>Asian Spine Journal</i> , 2017, 11, 329-336.	0.8	32
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269	Evaluation of the location of intervertebral cages during oblique lateral interbody fusion surgery to achieve sagittal correction. <i>Spine Surgery and Related Research</i> , 2017, 1, 197-202.	0.4	24
270	Pathomechanisms and management of osteoporotic pain with no traumatic evidence. <i>Spine Surgery and Related Research</i> , 2017, 1, 121-128.	0.4	5

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282	Risk factors of cervical surgery related complications in patients older than 80 years. <i>Spine Surgery and Related Research</i> , 2017, 1, 179-184.	0.4	3
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286	Evaluation of Histological Changes in Back Muscle Injuries in Rats over Time. <i>Asian Spine Journal</i> , 2017, 11, 88-92.	0.8	5
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291	Response to: "Long-term Outcomes of <i>In Situ</i> Fusion for Treating Dysplastic Spondylolisthesis" <i>Asian Spine Journal</i> , 2017, 11, 845-846.	0.8	0
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302	Osteoporotic pain-related neural pathway in rodent models. <i>Pain Research</i> , 2016, 31, 220-227.	0.1	0
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335	The Effects of Generally Administered Anti-Nerve Growth Factor Receptor (p75NTR) Antibody on Pain-Related Behavior, Dorsal Root Ganglia, and Spinal Glia Activation in a Rat Model of Brachial Plexus Avulsion. <i>Journal of Hand Surgery</i> , 2015, 40, 2017-2025.	0.7	15
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347	Vein Wrapping for Chronic Nerve Constriction Injury in a Rat Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 859-867.	1.4	25
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349	The Effects of Locally Injected Triamcinolone on Entrapment Neuropathy in a Rat Chronic Constriction Injury Model. <i>Journal of Hand Surgery</i> , 2014, 39, 1714-1721.	0.7	4
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357	The Effect of Platelet-Rich Plasma on Posterolateral Lumbar Fusion in a Rat Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 1109-1116.	1.4	30
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362	Comparison of Teriparatide and Bisphosphonate Treatment to Reduce Pedicle Screw Loosening After Lumbar Spinal Fusion Surgery in Postmenopausal Women With Osteoporosis From a Bone Quality Perspective. <i>Spine</i> , 2013, 38, E487-E492.	1.0	214
363	Conservative and Surgical Treatment Improves Pain and Ankle-Brachial Index in Patients with Lumbar Spinal Stenosis. <i>Yonsei Medical Journal</i> , 2013, 54, 999.	0.9	2
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371	Efficacy of epidural administration of anti-interleukin-6 receptor antibody onto spinal nerve for treatment of sciatica. <i>European Spine Journal</i> , 2012, 21, 2079-2084.	1.0	92
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376	Surgical Versus Nonsurgical Treatment of Selected Patients With Discogenic Low Back Pain. <i>Spine</i> , 2011, 36, 347-354.	1.0	55
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378	Proinflammatory cytokines in the cerebrospinal fluid of patients with lumbar radiculopathy. <i>European Spine Journal</i> , 2011, 20, 942-946.	1.0	31



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380	Neuropathic pain in patients with osteoarthritis of hip joint. <i>European Orthopaedics and Traumatology</i> , 2011, 2, 73-77.	0.1	25
381	Neural Mechanisms of Discogenic Back Pain: How Does Nerve Growth Factor Play a Key Role?. <i>Korean Journal of Spine</i> , 2011, 8, 83.	0.9	1
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384	Change in Modic Type 1 and 2 Signals After Posterolateral Fusion Surgery. <i>Spine</i> , 2010, 35, 1231-1235.	1.0	25
385	The Effects of Risedronate and Exercise on Osteoporotic Lumbar Rat Vertebrae and Their Sensory Innervation. <i>Spine</i> , 2010, 35, 1974-1982.	1.0	45
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387	Effectiveness of L2 spinal nerve infiltration for selective discogenic low back pain patients. <i>Journal of Orthopaedic Science</i> , 2010, 15, 731-736.	0.5	13
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390	Preoperative inspiratory muscle training for patients with severe scoliosis and high-risk pulmonary dysfunction in duchenne muscular dystrophy. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2010, 20, 113-121.	0.6	3
391	Risedronate decreases bone resorption and improves low back pain in postmenopausal osteoporosis patients without vertebral fractures. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 209-213.	0.8	89
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399	Characteristics of Sensory Dorsal Root Ganglia Neurons Innervating the Lumbar Vertebral Body in Rats. Journal of Pain, 2007, 8, 483-488.	0.7	35
400	Tumor Necrosis Factor-Immunoreactive Cells and PGP 9.5-Immunoreactive Nerve Fibers in Vertebral Endplates of Patients With Discogenic Low Back Pain and Modic Type 1 or Type 2 Changes on MRI. Spine, 2006, 31, 1026-1031.	1.0	226
401	Up-Regulation of Acid-Sensing Ion Channel 3 in Dorsal Root Ganglion Neurons Following Application of Nucleus Pulposus on Nerve Root in Rats. Spine, 2006, 31, 2048-2052.	1.0	48
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405	Existence of brain-derived neurotrophic factor and vanilloid receptor subtype 1 immunoreactive sensory DRG neurons innervating L5/6 intervertebral discs in rats. Journal of Orthopaedic Science, 2003, 8, 84-87.	0.5	17
406	Osteochondroma in the lumbar spinal canal causing sciatic pain: report of two cases. Journal of Orthopaedic Science, 2003, 8, 112-115.	0.5	37
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