

Sumihisa Orita

List of Publications by Year in descending order

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Version: 2024-02-01

340
papers

6,677
citations

76326

40
h-index

114465

63
g-index

342
all docs

342
docs citations

342
times ranked

5884
citing authors

#	ARTICLE	IF	CITATIONS
1	Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of lumbar spinal stenosis, 2021 - Secondary publication. <i>Journal of Orthopaedic Science</i> , 2023, 28, 46-91.	1.1	14
2	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.	0.7	7
3	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.	2.0	1
4	Assessment of locomotive syndrome in patients with visceral cancer, the comparison with non-cancer patients using propensity score matching. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1328-1332.	1.1	2
5	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.	1.7	4
6	Analgesic effects and arthritic changes following tramadol administration in a rat hip osteoarthritis model. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1770-1777.	2.3	4
7	Formulation of Japanese Orthopaedic Association (JOA) clinical practice guideline for the management of low back pain- the revised 2019 edition. <i>Journal of Orthopaedic Science</i> , 2022, 27, 3-30.	1.1	6
8	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.	1.9	5
9	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.	0.5	0
10	Determining the short-term neurological prognosis for acute cervical spinal cord injury using machine learning. <i>Journal of Clinical Neuroscience</i> , 2022, 96, 74-79.	1.5	7
11	Bone unionâ€promoting effect of romosozumab in a rat posterolateral lumbar fusion model. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2576-2585.	2.3	7
12	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.	2.2	2
13	A 2-year longitudinal study of skeletal muscle mass in women over 40Âyears of age with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2022, , 1.	2.2	0
14	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.	1.7	2
15	Decreased muscle mass and strength affected spinal sagittal malalignment. <i>European Spine Journal</i> , 2022, 31, 1431-1437.	2.2	2
16	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.	1.1	2
17	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.	2.9	13
18	Intra-articular injection of monoiodoacetate induces diverse hip osteoarthritis in rats, depending on its dose. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	1.9	5

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19	Frozen vein wrapping for chronic nerve constriction injury reduces sciatic nerve allodynia in a rat model. <i>BMC Neuroscience</i> , 2022, 23, .	1.9	3
20	Comparison of pain and discomfort in supine and lateral positions after surgery for lumbar degenerative disease: A prospective randomized controlled study. <i>International Journal of Orthopaedic and Trauma Nursing</i> , 2022, 47, 100959.	0.9	1
21	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.	2.4	3
22	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.	1.4	0
23	Effect of <sc>Ultrasound-guided</sc> Hydrorelease of the Multifidus Muscle on Acute Low Back Pain. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 981-987.	1.7	7
24	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.	1.0	24
25	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.	0.7	6
26	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.	0.7	3
27	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.	0.7	11
28	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.	2.2	3
29	Characteristics of relief and residual low back pain after discectomy in patients with lumbar disc herniation: analysis using a detailed visual analog scale. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 167.	1.9	15
30	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.	1.5	5
31	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.	1.3	3
32	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.	1.3	1
33	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.	0.5	3
34	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.	2.0	3
35	Background factors for chronic low back pain resistant to cognitive behavioral therapy. <i>Scientific Reports</i> , 2021, 11, 8227.	3.3	4
36	Gender-specific analysis for the association between trunk muscle mass and spinal pathologies. <i>Scientific Reports</i> , 2021, 11, 7816.	3.3	6

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37	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.	2.1	5
38	The Effect of Megakaryocytes and Platelets Derived from Human-Induced Pluripotent Stem Cells on Bone Formation. <i>Spine Surgery and Related Research</i> , 2021, 5, 196-204.	0.7	1
39	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 & Joint Open</i> , 2021, 2, 278-292.	2.6	0
40	Improvements in Intractable Lumbar and LowerExtremity Symptoms after Systemic Administration of Tocilizumab, an Anti-interleukin-6 Receptor Antibody. <i>Asian Spine Journal</i> , 2021, , .	2.0	1
41	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.	2.0	24
42	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.	2.0	16
43	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.	0.7	0
44	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.	0.7	0
45	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
46	Comparison between intervertebral oblique lumbar interbody fusion and transforaminal lumbar interbody fusion: a multicenter study. <i>Scientific Reports</i> , 2021, 11, 16673.	3.3	17
47	Interobserver and Intraobserver Reliabilities of Three-Dimensional Postoperative Evaluation Software in Total Hip Arthroplasty. <i>Advances in Orthopedics</i> , 2021, 2021, 1-9.	1.0	0
48	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.	1.5	3
49	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.	0.7	2
50	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.	2.0	5
51	An Injectable Hyaluronic Acid Hydrogel Promotes Intervertebral Disc Repair in a Rabbit Model. <i>Spine</i> , 2021, 46, E810-E816.	2.0	10
52	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.	1.3	6
53	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, , .	1.1	2
54	Longitudinal diffusion tensor imaging of patients with degenerative cervical myelopathy following decompression surgery. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 194-198.	1.5	7

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55	Polyglycolic acid-collagen tube combined with collagen-binding basic fibroblast growth factor accelerates gait recovery in a rat sciatic nerve critical-size defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 326-332.	3.4	14
56	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.	1.5	6
57	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.	1.1	0
58	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.	0.7	4
59	The factors related to the poor ADL in the patients with osteoporotic vertebral fracture after instrumentation surgery. <i>European Spine Journal</i> , 2020, 29, 1597-1605.	2.2	6
60	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.	1.8	9
61	Predictive value of magnetic resonance imaging for multifocal osteonecrosis screening associated with glucocorticoid therapy. <i>Modern Rheumatology</i> , 2020, 30, 586-591.	1.8	4
62	Occupational Characteristics of Low Back Pain Among Standing Workers in a Japanese Manufacturing Company. <i>Workplace Health and Safety</i> , 2020, 68, 13-23.	1.4	9
63	Analgesic Effect of Duloxetine on an Animal Model of Monosodium Iodoacetate-Induced Hip Osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020, 38, 422-430.	2.3	6
64	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.	0.7	5
65	A Deep Convolutional Neural Network With Performance Comparable to Radiologists for Differentiating Between Spinal Schwannoma and Meningioma. <i>Spine</i> , 2020, 45, 694-700.	2.0	32
66	Natural history of noise and squeaking in cementless ceramic-on-ceramic total hip arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 21, 544-549.	1.3	5
67	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.	1.9	7
68	Automated classification of hip fractures using deep convolutional neural networks with orthopedic surgeon-level accuracy: ensemble decision-making with antero-posterior and lateral radiographs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 699-704.	3.3	33
69	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.	0.3	2
70	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.	2.2	13
71	Does the increased motion probing gradient directional diffusion tensor imaging of lumbar nerves using multi-band SENSE improve the visualization and accuracy of FA values?. <i>European Spine Journal</i> , 2020, 29, 1693-1701.	2.2	2
72	Pilot study of oblique lumbar interbody fusion using mobile percutaneous pedicle screw and validation by a three-dimensional finite element assessment. <i>Journal of Clinical Neuroscience</i> , 2020, 76, 74-80.	1.5	5

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73	Surgical Treatment for Central Sleep Apnea due to Occipitocervical Compression Myelopathy in a Patient with Klippel-Feil Syndrome. <i>World Neurosurgery</i> , 2020, 141, 232-235.	1.3	2
74	Surgical treatment for atlantoaxial rotatory fixation in an adult with spastic torticollis: A case report. <i>Journal of Clinical Neuroscience</i> , 2020, 75, 225-228.	1.5	1
75	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.	1.9	15
76	Unstable AO/OTA type 31-A1.2 intertrochanteric femur fracture: An unusual case report. <i>Trauma Case Reports</i> , 2020, 28, 100326.	0.4	0
77	Spondylodiscitis and spinal epidural abscess related to long-term placement of an airway stent for malignant central airway obstruction. <i>Thoracic Cancer</i> , 2020, 11, 2343-2346.	1.9	1
78	Successful Neurological Recovery with Multimodality Therapy without Surgery for Spinal Metastases from Advanced Gastric Cancer. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-6.	0.3	1
79	Objective evaluation of postoperative changes in real-life activity levels in the postoperative course of lumbar spinal surgery using wearable trackers. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 72.	1.9	18
80	Diagnosis of lumbar radiculopathy using simultaneous MR neurography and apparent T2 mapping. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 339-346.	1.5	8
81	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.	0.6	0
82	Prevalence of lumbar spondylolysis and spondylolisthesis in patients with degenerative spinal disease. <i>Scientific Reports</i> , 2020, 10, 6739.	3.3	35
83	Postoperative migration of the anatomical and functional anteversion angle following total hip arthroplasty with a well-fixed cemented femoral component with line-to-line implantation. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 1067-1074.	1.4	0
84	Successful Treatment of a Massive Desmoplastic Fibroma of the Ilium without Surgery: A Case Report with Long-Term Follow-Up. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-5.	0.3	1
85	The Surgical Outcomes of Spinal Fusion for Osteoporotic Vertebral Fractures in the Lower Lumbar Spine with a Neurological Deficit. <i>Spine Surgery and Related Research</i> , 2020, 4, 199-207.	0.7	7
86	Frequency of Adverse Drug Reactions and Analgesic Effects of Mirogabalin during Treatment of Peripheral Neuropathic Pain: A Retrospective Clinical Investigation. <i>Spine Surgery and Related Research</i> , 2020, 4, 354-357.	0.7	3
87	Freeze-Dried Platelet-Rich Plasma Induces Osteoblast Proliferation via Platelet-Derived Growth Factor Receptor-Mediated Signal Transduction. <i>Asian Spine Journal</i> , 2020, 14, 1-8.	2.0	17
88	Evaluating Spinal Canal Lesions Using Apparent Diffusion Coefficient Maps with Diffusion-Weighted Imaging. <i>Asian Spine Journal</i> , 2020, 14, 312-319.	2.0	1
89	Time Course of Changes in Serum Oxidative Stress Markers to Predict Outcomes for Surgical Treatment of Lumbar Degenerative Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	4.0	1
90	Reply to the Editor: Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2020, 4, 292-293.	0.7	1

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91	Myovascular Preserving Open-Door Laminoplasty for Cervical Spondylotic Myelopathy With Miniplate Fixation. <i>International Journal of Spine Surgery</i> , 2020, 14, 476-482.	1.5	2
92	Mid-term Surgical Outcome of Posterior Decompression With Instrumented Fusion in Patients With K-line (â”) Type Cervical Ossification of the Posterior Longitudinal Ligament With a 5-Year Minimum Follow-up. <i>Clinical Spine Surgery</i> , 2020, 33, 333-338.	1.3	3
93	Diffusion tensor imaging of the sciatic and femoral nerves in unilateral osteoarthritis of the hip and osteonecrosis of femoral head: Comparison of the affected and normal sides. <i>Modern Rheumatology</i> , 2019, 29, 693-699.	1.8	2
94	Giant Protruding Nodular Fasciitis of the Anterior Chest Wall Clinically Mimicking a Soft Tissue Sarcoma. <i>Case Reports in Orthopedics</i> , 2019, 2019, 1-5.	0.3	2
95	Thoracic Deformity Correction and Changes of Vital Capacity, Forced Expiratory Volume in 1 Second, and Expiratory Flow in Adolescent Idiopathic Scoliosis Five Years or More after Posterior Spinal Fusion with Thoracoplasty. <i>Spine Surgery and Related Research</i> , 2019, 3, 222-228.	0.7	3
96	Tumor Necrosis Factor-Î± Produced by Osteoclasts Might Induce Intractable Pain in a Rat Spinal Metastasis Model of Breast Cancer. <i>Spine Surgery and Related Research</i> , 2019, 3, 261-266.	0.7	2
97	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.	0.7	19
98	Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. <i>Spine Surgery and Related Research</i> , 2019, 3, 171-177.	0.7	15
99	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.	1.1	8
100	Surgical outcomes of spinal fusion for osteoporotic vertebral fracture in the thoracolumbar spine: Comprehensive evaluations of 5 typical surgical fusion techniques. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1020-1026.	1.1	18
101	Three cases of adjacent segment disease postâ€”posterior spinal fusion, treated successfully by oblique lateral interbody fusion: A clinical series. <i>Clinical Case Reports (discontinued)</i> , 2019, 7, 206-210.	0.5	1
102	Answer to the Letter to the Editor of V. B. Safer et al. concerning â€œAnalysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosisâ€”by Eguchi Y et al. (<i>Eur Spine J</i> ; 2018:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf50 297 Td		
103	Giant Muscle Invasive Dermatofibroma Clinically Mimicking a Malignant Tumor. <i>Case Reports in Dermatological Medicine</i> , 2019, 2019, 1-4.	0.3	1
104	Relationship between patient-based scoring systems and the activity level of patients measured by wearable activity trackers in lumbar spine disease. <i>European Spine Journal</i> , 2019, 28, 1804-1810.	2.2	10
105	Wrapping With Basic Fibroblast Growth Factorâ€”Impregnated Collagen Sheet Reduces Rat Sciatic Nerve Allodynia. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2258-2263.	2.3	10
106	Successful total en bloc spondylectomy of the L3 vertebra with a paravertebral giant cell tumor following preoperative treatment with denosumab: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 116.	0.8	7
107	Communication about incisional hernia through an iliac crest bone harvest site after reoperative cervical anterior fusion. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 17, 69-71.	0.3	0
108	Stress fracture of the midshaft clavicle associated with sternocostoclavicular hyperostosisâ€”Case report. <i>International Journal of Surgery Case Reports</i> , 2019, 58, 121-126.	0.6	2

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109	Unilateral laminectomy for bilateral decompression improves low back pain while standing equally on both sides in patients with lumbar canal stenosis: analysis using a detailed visual analogue scale. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 100.	1.9	19
110	Elevated Levels of Serum Pentosidine Are Associated with Dropped Head Syndrome in Older Women. <i>Asian Spine Journal</i> , 2019, 13, 155-162.	2.0	4
111	Diffusion tensor tractography of the lumbar nerves before a direct lateral transpsoas approach to treat degenerative lumbar scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 461-469.	1.7	5
112	Surgical outcomes of spinal fusion for osteoporotic thoracolumbar vertebral fractures in patients with Parkinson's disease: what is the impact of Parkinson's disease on surgical outcome?. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 103.	1.9	16
113	Post-Operative Spinal Epidural Hematoma after Thoracic and Lumbar Spinous Process-Splitting Laminectomy for Thoracic and Lumbar Spinal Stenosis. <i>Spine Surgery and Related Research</i> , 2019, 3, 244-248.	0.7	9
114	ISSLS PRIZE IN CLINICAL SCIENCE 2019: clinical importance of trunk muscle mass for low back pain, spinal balance, and quality of life—a multicenter cross-sectional study. <i>European Spine Journal</i> , 2019, 28, 914-921.	2.2	56
115	Skeletal Muscle Cell Oxidative Stress as a Possible Therapeutic Target in a Denervation-Induced Experimental Sarcopenic Model. <i>Spine</i> , 2019, 44, E446-E455.	2.0	12
116	Comparison of the Activity Level of the Upper Limbs and Trunk in Patients with Low Back Pain Evaluated Using a Wearable Accelerometer: A Validation Study. <i>Spine Surgery and Related Research</i> , 2019, 3, 354-360.	0.7	11
117	Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analysis are Beneficial Tools for Measuring the Trunk Muscle Mass of Patients with Low Back Pain. <i>Spine Surgery and Related Research</i> , 2019, 3, 335-341.	0.7	15
118	Reduced leg muscle mass and lower grip strength in women are associated with osteoporotic vertebral compression fractures. <i>Archives of Osteoporosis</i> , 2019, 14, 112.	2.4	18
119	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?. <i>Journal of Orthopaedic Science</i> , 2019, 24, 979-984.	1.1	3
120	Serum oxidative stress influences neurological recovery after surgery to treat acutely worsening symptoms of compression myelopathy: a cross-sectional human study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 589.	1.9	4
121	Analysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2019, 28, 1618-1625.	2.2	16
122	Platelet-rich plasma enhances bone union in posterolateral lumbar fusion: A prospective randomized controlled trial. <i>Spine Journal</i> , 2019, 19, e34-e40.	1.3	25
123	Hooks at the Upper Instrumented Vertebra Can Adjust Postoperative Shoulder Balance in Patients with Adolescent Idiopathic Scoliosis: 5 Years or More of Follow-up. <i>Asian Spine Journal</i> , 2019, 13, 793-800.	2.0	7
124	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.	2.3	7
125	Vein wrapping promotes M2 macrophage polarization in a rat chronic constriction injury model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2210-2217.	2.3	15
126	Oral Presentations Have a Significantly Higher Publication Rate, But Not Impact Factors, Than Poster Presentations at the International Society for Study of Lumbar Spine meeting. <i>Spine</i> , 2018, 43, 1347-1354.	2.0	8

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127	Transitional changes in the incidence of osteonecrosis in systemic lupus erythematosus patients: focus on immunosuppressant agents and glucocorticoids. <i>Rheumatology</i> , 2018, 57, 844-849.	1.9	8
128	Postoperative K-line conversion from negative to positive is independently associated with a better surgical outcome after posterior decompression with instrumented fusion for K-line negative cervical ossification of the posterior ligament. <i>European Spine Journal</i> , 2018, 27, 1393-1400.	2.2	14
129	Pulmonary function and thoracic deformities in adolescent idiopathic scoliosis 27 years or longer after spinal fusion with Harrington instrument. <i>Journal of Orthopaedic Science</i> , 2018, 23, 45-50.	1.1	13
130	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.	2.2	4
131	Pentosidine concentration is associated with degenerative lumbar scoliosis in older women: preliminary results. <i>European Spine Journal</i> , 2018, 27, 597-606.	2.2	11
132	Modic Changes and Disc Degeneration of Nonfused Segments 27 to 45 Years After Harrington Instrumentation for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2018, 43, 556-561.	2.0	9
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272	Dichotomizing Sensory Nerve Fibers Innervating Both the Lumbar Vertebral Body and the Area Surrounding the Iliac Crest. <i>Spine</i> , 2013, 38, E1571-E1574.	2.0	5
273	Short-Segment Fixation Without Fusion for Thoracolumbar Burst Fractures With Neurological Deficit Can Preserve Thoracolumbar Motion Without Resulting in Post-traumatic Disc Degeneration. <i>Spine</i> , 2013, 38, 1482-1490.	2.0	39
274	Vertebral Compression Exacerbates Osteoporotic Pain in an Ovariectomy-Induced Osteoporosis Rat Model. <i>Spine</i> , 2013, , 1.	2.0	1
275	Assessment of Pain Behavior in a Rat Model of Intervertebral Disc Injury Using the Catwalk Gait Analysis System. <i>Spine</i> , 2013, 38, 1459-1465.	2.0	49
276	Conservative and Surgical Treatment Improves Pain and Ankle-Brachial Index in Patients with Lumbar Spinal Stenosis. <i>Yonsei Medical Journal</i> , 2013, 54, 999.	2.2	2
277	Efficacy of Combination of Meloxicam and Pregabalin for Pain in Knee Osteoarthritis. <i>Yonsei Medical Journal</i> , 2013, 54, 1253.	2.2	49
278	No Acceleration of Intervertebral Disc Degeneration after a Single Injection of Bupivacaine in Young Age Group with Follow-Up of 5 Years. <i>Asian Spine Journal</i> , 2013, 7, 212.	2.0	18
279	Sensory innervation and inflammatory cytokines in hypertrophic synovia associated with pain transmission in osteoarthritis of the hip: a case-control study. <i>Rheumatology</i> , 2012, 51, 1790-1795.	1.9	28
280	A prospective randomized controlled study comparing transforaminal lumbar interbody fusion techniques for degenerative spondylolisthesis: unilateral pedicle screw and 1 cage versus bilateral pedicle screws and 2 cages. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 153-159.	1.7	70
281	Acute Lumbar Spinal Pseudogout Attack After Instrumented Surgery. <i>Spine</i> , 2012, 37, E1529-E1533.	2.0	8
282	Differences in Damage to CGRP Immunoreactive Sensory Nerves After Two Lumbar Surgical Approaches. <i>Spine</i> , 2012, 37, 168-173.	2.0	4
283	Lumbar Disc Degeneration Induces Persistent Groin Pain. <i>Spine</i> , 2012, 37, 114-118.	2.0	28
284	A Case of Symptomatic Extra-Foraminal Lumbosacral Stenosis (‘Far-out Syndrome’) Diagnosed by Diffusion Tensor Imaging. <i>Spine</i> , 2012, 37, E854-E857.	2.0	20
285	Sensory and Autonomic Innervation of the Cervical Intervertebral Disc in Rats. <i>Spine</i> , 2012, 37, 1357-1362.	2.0	32
286	Epidural Administration of Spinal Nerves With the Tumor Necrosis Factor-Alpha Inhibitor, Etanercept, Compared With Dexamethasone for Treatment of Sciatica in Patients With Lumbar Spinal Stenosis. <i>Spine</i> , 2012, 37, 439-444.	2.0	88
287	Difficulty of Diagnosing the Origin of Lower Leg Pain in Patients With Both Lumbar Spinal Stenosis and Hip Joint Osteoarthritis. <i>Spine</i> , 2012, 37, 2089-2093.	2.0	55
288	Investigation of Dichotomizing Sensory Nerve Fibers Projecting to the Lumbar Multifidus Muscles and Intervertebral Disc or Facet Joint or Sacroiliac Joint in Rats. <i>Spine</i> , 2012, 37, 557-562.	2.0	12

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289	ISSLS Prize Winner. Spine, 2012, 37, 1810-1818.	2.0	55
290	Platelet-Rich Plasma Combined With Hydroxyapatite for Lumbar Interbody Fusion Promoted Bone Formation and Decreased an Inflammatory Pain Neuropeptide in Rats. Spine, 2012, 37, 1727-1733.	2.0	35
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292	Postoperative lumbar spinal stenosis after intertransverse fusion with granules of hydroxyapatite: a case report. Diagnostic Pathology, 2012, 7, 153.	2.0	1
293	Efficacy of epidural administration of anti-interleukin-6 receptor antibody onto spinal nerve for treatment of sciatica. European Spine Journal, 2012, 21, 2079-2084.	2.2	92
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295	Existence of a Neuropathic Pain Component in Patients with Osteoarthritis of the Knee. Yonsei Medical Journal, 2012, 53, 801.	2.2	132
296	Transdermal Fentanyl for Chronic Low Back Pain. Yonsei Medical Journal, 2012, 53, 788.	2.2	8
297	Percutaneously absorbed NSAIDs attenuate local production of proinflammatory cytokines and suppress the expression of c-Fos in the spinal cord of a rodent model of knee osteoarthritis. Journal of Orthopaedic Science, 2012, 17, 77-86.	1.1	11
298	Associations between proinflammatory cytokines in the synovial fluid and radiographic grading and pain-related scores in 47 consecutive patients with osteoarthritis of the knee. BMC Musculoskeletal Disorders, 2011, 12, 144.	1.9	161
299	Assessment of Gait in a Rat Model of Myofascial Inflammation Using the CatWalk System. Spine, 2011, 36, 1760-1764.	2.0	33
300	Diffusion Magnetic Resonance Imaging to Differentiate Degenerative From Infectious Endplate Abnormalities in the Lumbar Spine. Spine, 2011, 36, E198-E202.	2.0	64
301	Brain-Derived Neurotrophic Factor Inhibition at the Punctured Intervertebral Disc Downregulates the Production of Calcitonin Gene-Related Peptide in Dorsal Root Ganglia in Rats. Spine, 2011, 36, 1737-1743.	2.0	14
302	Disk Injury in Rats Produces Persistent Increases in Pain-Related Neuropeptides in Dorsal Root Ganglia and Spinal Cord Glia but Only Transient Increases in Inflammatory Mediators. Spine, 2011, 36, 2260-2266.	2.0	78
303	One, Two-, and Three-Level Instrumented Posterolateral Fusion of the Lumbar Spine With a Local Bone Graft. Spine, 2011, 36, 1392-1396.	2.0	24
304	Surgical Versus Nonsurgical Treatment of Selected Patients With Discogenic Low Back Pain. Spine, 2011, 36, 347-354.	2.0	55
305	Direct Application of the Tumor Necrosis Factor- α Inhibitor, Etanercept, Into a Punctured Intervertebral Disc Decreases Calcitonin Gene-Related Peptide Expression in Rat Dorsal Root Ganglion Neurons. Spine, 2011, 36, E80-E85.	2.0	30
306	Uni- and Bilateral Instrumented Posterolateral Fusion of the Lumbar Spine With Local Bone Grafting. Spine, 2011, 36, E1744-E1748.	2.0	24

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308	Proinflammatory cytokines in the cerebrospinal fluid of patients with lumbar radiculopathy. <i>European Spine Journal</i> , 2011, 20, 942-946.	2.2	31
309	Single-level instrumented posterolateral fusion of the lumbar spine with a local bone graft versus an iliac crest bone graft: a prospective, randomized study with a 2-year follow-up. <i>European Spine Journal</i> , 2011, 20, 635-639.	2.2	54
310	Diffusion-weighted magnetic resonance imaging of symptomatic nerve root of patients with lumbar disk herniation. <i>Neuroradiology</i> , 2011, 53, 633-641.	2.2	41
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312	The Unfolded Protein Response Is a Major Mechanism by Which LRP1 Regulates Schwann Cell Survival after Injury. <i>Journal of Neuroscience</i> , 2011, 31, 13376-13385.	3.6	49
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314	Low Back Pain After Lumbar Discectomy in Patients Showing Endplate Modic Type 1 Change. <i>Spine</i> , 2010, 35, E596-E600.	2.0	56
315	Radiographic Evaluation of Monocortical Versus Tricortical Purchase Approaches in Lumbosacral Fixation With Sacral Pedicle Screws. <i>Spine</i> , 2010, 35, E1230-E1237.	2.0	20
316	Change in Modic Type 1 and 2 Signals After Posterolateral Fusion Surgery. <i>Spine</i> , 2010, 35, 1231-1235.	2.0	25
317	Direct Evidence for Sensory Innervation of the Dorsal Portion of the Co5/6 Coccygeal Intervertebral Disc in Rats. <i>Spine</i> , 2010, 35, 1346-1352.	2.0	5
318	The Effects of Risedronate and Exercise on Osteoporotic Lumbar Rat Vertebrae and Their Sensory Innervation. <i>Spine</i> , 2010, 35, 1974-1982.	2.0	45
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320	Effect of applying p75NTR saporin to a punctured intervertebral disc on calcitonin gene-related peptide expression in rat dorsal root ganglion neurons. <i>Journal of Orthopaedic Science</i> , 2010, 15, 407-413.	1.1	8
321	Effectiveness of L2 spinal nerve infiltration for selective discogenic low back pain patients. <i>Journal of Orthopaedic Science</i> , 2010, 15, 731-736.	1.1	13
322	Rotational hypermobility of disc wedging using kinematic CT: preliminary study to investigate the instability of discs in degenerated scoliosis in the lumbar spine. <i>European Spine Journal</i> , 2010, 19, 989-994.	2.2	8
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326	Low affinity NGF receptor (p75 neurotrophin receptor) inhibitory antibody reduces pain behavior and CGRP expression in DRG in the mouse sciatic nerve crush model. <i>Journal of Orthopaedic Research</i> , 2010, 28, 279-283.	2.3	24
327	Inhibiting nerve growth factor or its receptors downregulates calcitonin gene-related peptide expression in rat lumbar dorsal root ganglia innervating injured intervertebral discs. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1614-1620.	2.3	31
328	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.	1.5	89
329	Role of Low-Affinity Nerve Growth Factor Receptor Inhibitory Antibody in Reducing Pain Behavior and Calcitonin Gene-Related Peptide Expression in a Rat Model of Wrist Joint Inflammatory Pain. <i>Journal of Hand Surgery</i> , 2010, 35, 267-273.	1.6	27
330	Nuclear factor-kappa B decoy suppresses nerve injury and improves mechanical allodynia and thermal hyperalgesia in a rat lumbar disc herniation model. <i>European Spine Journal</i> , 2009, 18, 1001-1007.	2.2	37
331	L2 Spinal Nerve Block Effects on Acute Low Back Pain From Osteoporotic Vertebral Fracture. <i>Journal of Pain</i> , 2009, 10, 870-875.	1.4	19
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333	Results of Surgery for Discogenic Low Back Pain. <i>Spine</i> , 2009, 34, 1345-1348.	2.0	88
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337	Existence of Nerve Growth Factor Receptors, Tyrosine Kinase A and p75 Neurotrophin Receptors in Intervertebral Discs and on Dorsal Root Ganglion Neurons Innervating Intervertebral Discs in Rats. <i>Spine</i> , 2008, 33, 2047-2051.	2.0	30
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339	Computer-guided Navigation System for an Accurate Electrode Insertion.. <i>Thermal Medicine(Japanese)</i> Tj ETQq1 1 0,784314 0,4 0,4 BT /Over		
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