

Seiji Ohtori

List of Publications by Year in descending order

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413
papers

6,702
citations

94433

37
h-index

118850

62
g-index

421
all docs

421
docs citations

421
times ranked

5854
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Spine</i> , 2006, 31, 1026-1031.	2.0	226
2	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.	2.0	214
3	Perioperative Complications in 155 Patients Who Underwent Oblique Lateral Interbody Fusion Surgery. <i>Spine</i> , 2017, 42, 55-62.	2.0	197
4	Radiographic evaluation of indirect decompression of mini-open anterior retroperitoneal lumbar interbody fusion: oblique lateral interbody fusion for degenerated lumbar spondylolisthesis. <i>European Spine Journal</i> , 2017, 26, 671-678.	2.2	180
5	Teriparatide Accelerates Lumbar Posterolateral Fusion in Women With Postmenopausal Osteoporosis. <i>Spine</i> , 2012, 37, E1464-E1468.	2.0	167
6	Existence of a Neuropathic Pain Component in Patients with Osteoarthritis of the Knee. <i>Yonsei Medical Journal</i> , 2012, 53, 801.	2.2	132
7	Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for Lumbar Spinal Degeneration Disease. <i>Yonsei Medical Journal</i> , 2015, 56, 1051.	2.2	129
8	Pathomechanisms of discogenic low back pain in humans and animal models. <i>Spine Journal</i> , 2015, 15, 1347-1355.	1.3	123
9	Influence of pelvic incidence-lumbar lordosis mismatch on surgical outcomes of short-segment transforaminal lumbar interbody fusion. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 213.	1.9	119
10	Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for Degenerated Lumbar Spinal Kyphoscoliosis. <i>Asian Spine Journal</i> , 2015, 9, 565.	2.0	98
11	Survey of hip fractures in Japan: Recent trends in prevalence and treatment. <i>Journal of Orthopaedic Science</i> , 2017, 22, 909-914.	1.1	97
12	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.	2.2	92
13	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
14	ISSLS Prize Winner. <i>Spine</i> , 2014, 39, 1345-1354.	2.0	89
15	Results of Surgery for Discogenic Low Back Pain. <i>Spine</i> , 2009, 34, 1345-1348.	2.0	88
16	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
17	Resolving discogenic pain. <i>European Spine Journal</i> , 2008, 17, 428-431.	2.2	78
18	Associations between sarcopenia and degenerative lumbar scoliosis in older women. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 9.	2.3	62

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19	Substance P and calcitonin gene-related peptide immunoreactive sensory DRG neurons innervating the lumbar intervertebral discs in rats. <i>Annals of Anatomy</i> , 2002, 184, 235-240.	1.9	57
20	18F-Fluorodeoxyglucose-PET for Patients With Suspected Spondylitis Showing Modic Change. <i>Spine</i> , 2010, 35, E1599-E1603.	2.0	57
21	Lumbar foraminal stenosis, the hidden stenosis including at L5/S1. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2016, 26, 685-693.	1.4	57
22	Low Back Pain After Lumbar Discectomy in Patients Showing Endplate Modic Type 1 Change. <i>Spine</i> , 2010, 35, E596-E600.	2.0	56
23	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
24	Evaluation of low back pain using the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire for lumbar spinal disease in a multicenter study: differences in scores based on age, sex, and type of disease. <i>Journal of Orthopaedic Science</i> , 2010, 15, 86-91.	1.1	55
25	Surgical Versus Nonsurgical Treatment of Selected Patients With Discogenic Low Back Pain. <i>Spine</i> , 2011, 36, 347-354.	2.0	55
26	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
27	More than 6 Months of Teriparatide Treatment Was More Effective for Bone Union than Shorter Treatment Following Lumbar Posterolateral Fusion Surgery. <i>Asian Spine Journal</i> , 2015, 9, 573.	2.0	50
28	Efficacy of Combination of Meloxicam and Pregabalin for Pain in Knee Osteoarthritis. <i>Yonsei Medical Journal</i> , 2013, 54, 1253.	2.2	49
29	Calcitonin gene-related peptide immunoreactive neurons with dichotomizing axons projecting to the lumbar muscle and knee in rats. <i>European Spine Journal</i> , 2003, 12, 576-580.	2.2	48
30	Up-Regulation of Acid-Sensing Ion Channel 3 in Dorsal Root Ganglion Neurons Following Application of Nucleus Pulposus on Nerve Root in Rats. <i>Spine</i> , 2006, 31, 2048-2052.	2.0	48
31	Efficacy of Direct Injection of Etanercept into Knee Joints for Pain in Moderate and Severe Knee Osteoarthritis. <i>Yonsei Medical Journal</i> , 2015, 56, 1379.	2.2	47
32	Oriented collagen tubes combined with basic fibroblast growth factor promote peripheral nerve regeneration in a 15Åmm sciatic nerve defect rat model. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 8-14.	4.0	47
33	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
34	Single-level instrumented posterolateral fusion versus non-instrumented anterior interbody fusion for lumbar spondylolisthesis: a prospective study with a 2-year follow-up. <i>Journal of Orthopaedic Science</i> , 2011, 16, 352-358.	1.1	45
35	Single intradiscal injection of the interleukin-6 receptor antibody tocilizumab provides short-term relief of discogenic low back pain; prospective comparative cohort study. <i>Journal of Orthopaedic Science</i> , 2016, 21, 2-6.	1.1	43
36	Prediction of fracture load and stiffness of the proximal femur by CT-based specimen specific finite element analysis: cadaveric validation study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 536.	1.9	41

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37	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018, 27, 310-324.	2.5	40
38	Osteochondroma in the lumbar spinal canal causing sciatic pain: report of two cases. <i>Journal of Orthopaedic Science</i> , 2003, 8, 112-115.	1.1	37
39	Distribution of hip pain in osteoarthritis patients secondary to developmental dysplasia of the hip. <i>Modern Rheumatology</i> , 2013, 23, 119-124.	1.8	37
40	Diffusion tensor imaging of lumbar spinal nerve in subjects with degenerative lumbar disorders. <i>Magnetic Resonance Imaging</i> , 2015, 33, 956-961.	1.8	37
41	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.	2.3	37
42	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.	2.0	36
43	Characteristics of Sensory Dorsal Root Ganglia Neurons Innervating the Lumbar Vertebral Body in Rats. <i>Journal of Pain</i> , 2007, 8, 483-488.	1.4	35
44	Platelet-Rich Plasma Combined With Hydroxyapatite for Lumbar Interbody Fusion Promoted Bone Formation and Decreased an Inflammatory Pain Neuropeptide in Rats. <i>Spine</i> , 2012, 37, 1727-1733.	2.0	35
45	Change of Lumbar Ligamentum Flavum after Indirect Decompression Using Anterior Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2017, 11, 105-112.	2.0	35
46	Prevalence of lumbar spondylolysis and spondylolisthesis in patients with degenerative spinal disease. <i>Scientific Reports</i> , 2020, 10, 6739.	3.3	35
47	Does the surgical approach influence the implant alignment in total hip arthroplasty? Comparative study between the direct anterior and the anterolateral approaches in the supine position. <i>International Orthopaedics</i> , 2017, 41, 2487-2493.	1.9	34
48	Tanezumab for chronic low back pain: a randomized, double-blind, placebo- and active-controlled, phase 3 study of efficacy and safety. <i>Pain</i> , 2020, 161, 2068-2078.	4.2	34
49	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.	2.3	33
50	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
51	Existence of pyogenic spondylitis in Modic type 1 change without other signs of infection: 2-year follow-up. <i>European Spine Journal</i> , 2010, 19, 1200-1205.	2.2	32
52	Tumor Necrosis Factor- α -Immunoreactive Cells in Nucleus Pulposus in Adolescent Patients With Lumbar Disc Herniation. <i>Spine</i> , 2013, 38, 459-462.	2.0	32
53	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.	2.0	32
54	Efficacy of nerve growth factor antibody in a knee osteoarthritis pain model in mice. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 428.	1.9	32

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55	Schwann cells regulate sensory neuron gene expression before and after peripheral nerve injury. <i>Glia</i> , 2018, 66, 1577-1590.	4.9	32
56	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
57	Spinal neural cyclooxygenase-2 mediates pain caused in a rat model of lumbar disk herniation. <i>Journal of Pain</i> , 2004, 5, 385-391.	1.4	31
58	Sensory Innervation of Lumbar Vertebral Bodies in Rats. <i>Spine</i> , 2007, 32, 1498-1502.	2.0	31
59	Proinflammatory cytokines in the cerebrospinal fluid of patients with lumbar radiculopathy. <i>European Spine Journal</i> , 2011, 20, 942-946.	2.2	31
60	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.	3.0	30
61	Interobserver and Intraobserver Reliability of Computed Tomography-Based Three-Dimensional Preoperative Planning for Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 1572-1578.	3.1	30
62	Calcitonin gene-related peptide immunoreactive DRG neurons innervating the cervical facet joints show phenotypic switch in cervical facet injury in rats. <i>European Spine Journal</i> , 2003, 12, 211-215.	2.2	28
63	Interleukin-6 and interleukin-6 receptor expression, localization, and involvement in pain-sensing neuron activation in a mouse intervertebral disc injury model. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1508-1514.	2.3	28
64	One-Year Prospective Evaluation of the Technique of Percutaneous Cortical Bone Trajectory Spondylodesis in Comparison with Percutaneous Pedicle Screw Fixation: A Preliminary Report with Technical Note. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 531-537.	0.8	28
65	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.	2.3	27
66	The diagnosis of double-crush lesion in the L5 lumbar nerve using diffusion tensor imaging. <i>Spine Journal</i> , 2016, 16, 315-321.	1.3	26
67	Insidious intraoperative ureteral injury as a complication in oblique lumbar interbody fusion surgery: a case report. <i>BMC Research Notes</i> , 2017, 10, 193.	1.4	26
68	Spinal fusion on adolescent idiopathic scoliosis patients with the level of L4 or lower can increase lumbar disc degeneration with sagittal imbalance 35 years after surgery. <i>Spine Surgery and Related Research</i> , 2017, 1, 72-77.	0.7	26
69	Change in Modic Type 1 and 2 Signals After Posterolateral Fusion Surgery. <i>Spine</i> , 2010, 35, 1231-1235.	2.0	25
70	Neuropathic pain in patients with osteoarthritis of hip joint. <i>European Orthopaedics and Traumatology</i> , 2011, 2, 73-77.	0.1	25
71	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.	3.0	25
72	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.	2.0	25

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73	Intra- and interobserver reliability and agreement in three-dimensional computed tomography measurements of component positions after total knee arthroplasty. <i>Knee</i> , 2019, 26, 1102-1110.	1.6	25
74	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
75	Prevalence and Location of Neuropathic Pain in Lumbar Spinal Disorders. <i>Spine</i> , 2016, 41, 1224-1231.	2.0	24
76	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.	0.7	24
77	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.	2.7	24
78	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
79	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
80	Pregabalin for Refractory Radicular Leg Pain due to Lumbar Spinal Stenosis: A Preliminary Prospective Study. <i>Pain Research and Management</i> , 2016, 2016, 1-10.	1.8	22
81	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.	2.3	22
82	Freeze-Dried Platelet-Rich Plasma Accelerates Bone Union with Adequate Rigidity in Posterolateral Lumbar Fusion Surgery Model in Rats. <i>Scientific Reports</i> , 2016, 6, 36715.	3.3	21
83	Inflammatory pain mediated by a phenotypic switch in brain-derived neurotrophic factor-immunoreactive dorsal root ganglion neurons innervating the lumbar facet joints in rats. <i>Neuroscience Letters</i> , 2002, 323, 129-132.	2.1	20
84	Inter-observer and intra-observer reliabilities of the Japanese Ministry of Health, Labor and Welfare type classification system for osteonecrosis of the femoral head. <i>Modern Rheumatology</i> , 2011, 21, 488-494.	1.8	20
85	Clinical Incidence of Sacroiliac Joint Arthritis and Pain after Sacropelvic Fixation for Spinal Deformity. <i>Yonsei Medical Journal</i> , 2012, 53, 416.	2.2	20
86	Intra-articular injection of mono-iodoacetate induces osteoarthritis of the hip in rats. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 132.	1.9	20
87	Verification of the sensitivity of functional scores for treatment results “Substantial clinical benefit thresholds for the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire (JOABPEQ). <i>Journal of Orthopaedic Science</i> , 2017, 22, 665-669.	1.1	20
88	The influence of sarcopenia in dropped head syndrome in older women. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 5.	2.3	20
89	Calcitonin gene-related peptide immunoreactive sensory DRG neurons innervating the cervical facet joints in rats. <i>Journal of Orthopaedic Science</i> , 2002, 7, 258-261.	1.1	19
90	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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91	Minipen Oblique Lateral L5-S1 Interbody Fusion: A Report of 2 Cases. <i>Case Reports in Orthopedics</i> , 2014, 2014, 1-5.	0.3	19
92	Less invasive corrective surgery using oblique lateral interbody fusion (OLIF) including L5-S1 fusion for severe lumbar kyphoscoliosis due to L4 compression fracture in a patient with Parkinson's disease: a case report. <i>BMC Research Notes</i> , 2015, 8, 126.	1.4	19
93	Avulsion fracture of the distal fibula is associated with recurrent sprain after ankle sprain in children. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2774-2780.	4.2	19
94	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
95	Increase of TRPV1-Immunoreactivity in Dorsal Root Ganglia Neurons Innervating the Femur in a Rat Model of Osteoporosis. <i>Yonsei Medical Journal</i> , 2014, 55, 1600.	2.2	18
96	Macroscopic and histologic evaluation of a rat model of chronic rotator cuff tear. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 2025-2033.	2.6	18
97	Recent advances in magnetic resonance neuroimaging of lumbar nerve to clinical applications: A review of clinical studies utilizing Diffusion Tensor Imaging and Diffusion-weighted magnetic resonance neurography. <i>Spine Surgery and Related Research</i> , 2017, 1, 61-71.	0.7	18
98	Efficacy of Platelet-Rich Plasma for Bone Fusion in Transforaminal Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2018, 12, 112-118.	2.0	18
99	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
100	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
101	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
102	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
103	Discrimination between Lumbar Intraspinous Stenosis and Foraminal Stenosis using Diffusion Tensor Imaging Parameters: Preliminary Results. <i>Asian Spine Journal</i> , 2016, 10, 327.	2.0	18
104	Existence of brain-derived neurotrophic factor and vanilloid receptor subtype 1 immunoreactive sensory DRG neurons innervating L5/6 intervertebral discs in rats. <i>Journal of Orthopaedic Science</i> , 2003, 8, 84-87.	1.1	17
105	Long-term Intravenous Administration of Antibiotics for Lumbar Spinal Surgery Prolongs the Duration of Hospital Stay and Time to Normalize Body Temperature After Surgery. <i>Spine</i> , 2008, 33, 2935-2937.	2.0	17
106	Distribution of hip pain in patients with idiopathic osteonecrosis of the femoral head. <i>Modern Rheumatology</i> , 2017, 27, 503-507.	1.8	17
107	Salvage Strategy for Failed Spinal Fusion Surgery Using Lumbar Lateral Interbody Fusion technique: A Technical Note. <i>Spine Surgery and Related Research</i> , 2018, 2, 86-92.	0.7	17
108	Biomechanics of callus in the bone healing process, determined by specimen-specific finite element analysis. <i>Bone</i> , 2020, 132, 115212.	2.9	17

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109	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
110	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
111	Risk Factors for Loosening of S2 Alar Iliac Screw: Surgical Outcomes of Adult Spinal Deformity. <i>Asian Spine Journal</i> , 2020, 14, 864-871.	2.0	17
112	Interspinous Ligament Lidocaine and Steroid Injections for the Management of Bastrup's Disease: A Case Series. <i>Asian Spine Journal</i> , 2014, 8, 260.	2.0	17
113	PainVision Apparatus Is Effective for Assessing Low Back Pain. <i>Asian Spine Journal</i> , 2014, 8, 793.	2.0	17
114	English publication rate of 3,205 abstracts presented at the Annual Meeting of the Japanese Orthopaedic Association and the Annual Research Meeting of the Japanese Orthopaedic Association. <i>Journal of Orthopaedic Science</i> , 2013, 18, 1031-1036.	1.1	16
115	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.	1.9	16
116	Accuracy of powered surgical instruments compared with manual instruments for pedicle screw insertion: Evaluation using o-arm-based navigation in scoliosis surgery. <i>Journal of Orthopaedic Science</i> , 2018, 23, 765-769.	1.1	16
117	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
118	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.	1.1	16
119	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
120	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.	3.0	16
121	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
122	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.	1.1	16
123	Denosumab for Treatment of a Recurrent Cervical Giant-Cell Tumor. <i>Asian Spine Journal</i> , 2016, 10, 553.	2.0	16
124	Efficacy of hyaluronic acid or steroid injections for the treatment of a rat model of rotator cuff injury. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1861-1867.	2.3	15
125	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.	1.6	15
126	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.	2.2	15

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127	Treatment of Atypical Ulnar Fractures Associated with Long-Term Bisphosphonate Therapy for Osteoporosis: Autogenous Bone Graft with Internal Fixation. Case Reports in Orthopedics, 2017, 2017, 1-4.	0.3	15
128	Chronic Osteoporotic Pain in Mice: Cutaneous and Deep Musculoskeletal Pain Are Partially Independent of Bone Resorption and Differentially Sensitive to Pharmacological Interventions. Journal of Osteoporosis, 2017, 2017, 1-15.	0.5	15
129	Vein wrapping promotes M2 macrophage polarization in a rat chronic constriction injury model. Journal of Orthopaedic Research, 2018, 36, 2210-2217.	2.3	15
130	Prevalence and associated factors of foot and ankle pain among nurses at a university hospital in Japan: A cross-sectional study. Journal of Occupational Health, 2018, 60, 132-139.	2.1	15
131	Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. Spine Surgery and Related Research, 2019, 3, 171-177.	0.7	15
132	Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analysis are Beneficial Tools for Measuring the Trunk Muscle Mass of Patients with Low Back Pain. Spine Surgery and Related Research, 2019, 3, 335-341.	0.7	15
133	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. BMC Musculoskeletal Disorders, 2020, 21, 420.	1.9	15
134	Up-regulation of substance P and NMDA receptor mRNA in dorsal horn and preganglionic sympathetic neurons during adjuvant-induced noxious stimulation in rats. Annals of Anatomy, 2002, 184, 71-76.	1.9	14
135	Awareness and use of diagnostic support tools for lumbar spinal stenosis in Japan. Journal of Orthopaedic Science, 2014, 19, 412-417.	1.1	14
136	Polyglycolic acid-collagen tube combined with collagen-binding basic fibroblast growth factor accelerates gait recovery in a rat sciatic nerve critical-size defect model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 326-332.	3.4	14
137	The shape of the first metatarsal head and its association with the presence of sesamoid-metatarsal joint osteoarthritis and the pronation angle. Journal of Orthopaedic Science, 2020, 25, 658-663.	1.1	14
138	Exercise attenuates low back pain and alters epigenetic regulation in intervertebral discs in a mouse model. Spine Journal, 2021, 21, 1938-1949.	1.3	14
139	Effectiveness of L2 spinal nerve infiltration for selective discogenic low back pain patients. Journal of Orthopaedic Science, 2010, 15, 731-736.	1.1	13
140	Retrospective exploration of risk factors for L5 radiculopathy following lumbar floating fusion surgery. Journal of Orthopaedic Surgery and Research, 2015, 10, 164.	2.3	13
141	Less invasive lumbopelvic fixation technique using a percutaneous pedicle screw system for unstable pelvic ring fracture in a patient with severe multiple traumas. Journal of Neurosurgery: Spine, 2017, 26, 203-207.	1.7	13
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254	Evaluation of Histological Changes in Back Muscle Injuries in Rats over Time. <i>Asian Spine Journal</i> , 2017, 11, 88-92.	2.0	5
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272	Large Lumbar Lordosis Is a Risk Factor for Lumbar Spondylolysis in Patients with Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2022, 47, 76-81.	2.0	4
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275	Arthroscopic Reduction and Internal Fixation of Posterior Cruciate Ligament Avulsion Fracture Using an Adjustable-Length Loop Device. <i>Arthroscopy Techniques</i> , 2020, 9, e2001-e2006.	1.3	4
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