

Masahiko Takahata

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

3,734
citations

117625

34
h-index

168389

53
g-index

163
all docs

163
docs citations

163
times ranked

3994
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical Evaluation of Five Different Occipito-Atlanto-Axial Fixation Techniques. <i>Spine</i> , 1999, 24, 2377.	2.0	165
2	Biomechanical Role of the Posterior Elements, Costovertebral Joints, and Rib Cage in the Stability of the Thoracic Spine. <i>Spine</i> , 1996, 21, 1423-1429.	2.0	131
3	Tumor necrosis factor inhibits mesenchymal stem cell differentiation into osteoblasts via the ubiquitin E3 ligase Wwp1. <i>Stem Cells</i> , 2011, 29, 1601-1610.	3.2	120
4	A genome-wide association study identifies susceptibility loci for ossification of the posterior longitudinal ligament of the spine. <i>Nature Genetics</i> , 2014, 46, 1012-1016.	21.4	115
5	Accuracy Analysis of Pedicle Screw Placement in Posterior Scoliosis Surgery. <i>Spine</i> , 2007, 32, 1543-1550.	2.0	101
6	Siglec-15 Regulates Osteoclast Differentiation by Modulating RANKL-Induced Phosphatidylinositol 3-Kinase/Akt and Erk Pathways in Association With Signaling Adaptor DAP12. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2463-2475.	2.8	100
7	Clinical Results and Complications of Circumferential Spinal Cord Decompression Through a Single Posterior Approach for Thoracic Myelopathy Caused by Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2008, 33, 1199-1208.	2.0	99
8	A multicenter study on accuracy and complications of freehand placement of cervical pedicle screws under lateral fluoroscopy in different pathological conditions: CT-based evaluation of more than 1,000 screws. <i>European Spine Journal</i> , 2014, 23, 2166-2174.	2.2	98
9	Biomechanical Role of the Intervertebral Disc and Costovertebral Joint in Stability of the Thoracic Spine. <i>Spine</i> , 1999, 24, 1414.	2.0	89
10	Regulation of human osteoclast development by dendritic cell-specific transmembrane protein (DC-STAMP). <i>Journal of Bone and Mineral Research</i> , 2012, 27, 79-92.	2.8	89
11	Biomechanical study on the effect of five different lumbar reconstruction techniques on adjacent-level intradiscal pressure and lamina strain. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 150-155.	1.7	83
12	Enhancement of graft bone healing by intermittent administration of human parathyroid hormone (1-34) in a rat spinal arthrodesis model. <i>Bone</i> , 2007, 41, 775-785.	2.9	77
13	Aging periosteal progenitor cells have reduced regenerative responsiveness to bone injury and to the anabolic actions of PTH 1-34 treatment. <i>Bone</i> , 2014, 62, 79-89.	2.9	72
14	Outcomes of fusion surgery for ossification of the posterior longitudinal ligament of the thoracic spine: a multicenter retrospective survey. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 380-385.	1.7	71
15	Acute Cervical Spinal Cord Injury Complicated by Preexisting Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2011, 36, 1453-1458.	2.0	70
16	Teriparatide therapy enhances devitalized femoral allograft osseointegration and biomechanics in a murine model. <i>Bone</i> , 2011, 48, 562-570.	2.9	55
17	Self-complementary AAV2.5-BMP2-coated Femoral Allografts Mediated Superior Bone Healing Versus Live Autografts in Mice With Equivalent Biomechanics to Unfractured Femur. <i>Molecular Therapy</i> , 2011, 19, 1416-1425.	8.2	55
18	Minimum 2-year outcome of cervical laminoplasty with deep extensor muscle-preserving approach: impact on cervical spine function and quality of life. <i>European Spine Journal</i> , 2009, 18, 663-671.	2.2	54

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19	Synthetic scaffold coating with adeno-associated virus encoding BMP2 to promote endogenous bone repair. <i>Cell and Tissue Research</i> , 2012, 347, 575-588.	2.9	54
20	Palliative Spinal Reconstruction Using Cervical Pedicle Screws for Metastatic Lesions of the Spine. <i>Spine</i> , 2006, 31, 1439-1444.	2.0	53
21	A late neurological complication following posterior correction surgery of severe cervical kyphosis. <i>European Spine Journal</i> , 2011, 20, 890-898.	2.2	52
22	Frequency of Teriparatide Administration Affects the Histological Pattern of Bone Formation in Young Adult Male Mice. <i>Endocrinology</i> , 2016, 157, 2604-2620.	2.8	50
23	Endogenous tissue engineering: PTH therapy for skeletal repair. <i>Cell and Tissue Research</i> , 2012, 347, 545-552.	2.9	48
24	One-stage posterior instrumentation surgery for the treatment of osteoporotic vertebral collapse with neurological deficits. <i>European Spine Journal</i> , 2010, 19, 907-915.	2.2	47
25	Siglec-15 is a potential therapeutic target for postmenopausal osteoporosis. <i>Bone</i> , 2015, 71, 217-226.	2.9	46
26	Effect of Hydroxyapatite porous characteristics on healing outcomes in rabbit posterolateral spinal fusion model. <i>European Spine Journal</i> , 2007, 16, 2215-2224.	2.2	45
27	The effect of anti-resorptive therapies on bone graft healing in an ovariectomized rat spinal arthrodesis model. <i>Bone</i> , 2008, 43, 1057-1066.	2.9	44
28	Caspase 3 Silencing Inhibits Biomechanical Overload-Induced Intervertebral Disk Degeneration. <i>American Journal of Pathology</i> , 2014, 184, 753-764.	3.8	42
29	Bone fragility beyond strength and mineral density: Raman spectroscopy predicts femoral fracture toughness in a murine model of rheumatoid arthritis. <i>Journal of Biomechanics</i> , 2013, 46, 723-730.	2.1	41
30	Simultaneous double-rod rotation technique in posterior instrumentation surgery for correction of adolescent idiopathic scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 293-300.	1.7	40
31	Comparison of Novel Ultra-high Molecular Weight Polyethylene Tape Versus Conventional Metal Wire for Sublaminar Segmental Fixation in the Treatment of Adolescent Idiopathic Scoliosis. <i>Journal of Spinal Disorders and Techniques</i> , 2007, 20, 449-455.	1.9	39
32	Mechanisms of bone fragility in a mouse model of glucocorticoid-treated rheumatoid arthritis: Implications for insufficiency fracture risk. <i>Arthritis and Rheumatism</i> , 2012, 64, 3649-3659.	6.7	39
33	Detection of altered N-glycan profiles in whole serum from rheumatoid arthritis patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 853, 133-137.	2.3	38
34	¹⁸ F-FDG-PET/CT better localizes active spinal infection than MRI for successful minimally invasive surgery. <i>Acta Radiologica</i> , 2015, 56, 829-836.	1.1	38
35	Bone induction of human tooth and bone crushed by newly developed automatic mill. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 434-437.	1.1	37
36	Sialylation of cell surface glycoconjugates is essential for osteoclastogenesis. <i>Bone</i> , 2007, 41, 77-86.	2.9	35

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37	A retrospective study of congenital osseous anomalies at the craniocervical junction treated by occipitocervical plate-rod systems. <i>European Spine Journal</i> , 2012, 21, 1580-1589.	2.2	35
38	Surgical Treatment of Lenke 1 Thoracic Adolescent Idiopathic Scoliosis With Maintenance of Kyphosis Using the Simultaneous Double-Rod Rotation Technique. <i>Spine</i> , 2014, 39, 1163-1169.	2.0	35
39	Raman spectroscopy detects deterioration in biomechanical properties of bone in a glucocorticoid-treated mouse model of rheumatoid arthritis. <i>Journal of Biomedical Optics</i> , 2011, 16, 087012.	2.6	34
40	Delayed short-course treatment with teriparatide (PTH1-34) improves femoral allograft healing by enhancing intramembranous bone formation at the graft-host junction. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 26-37.	2.8	33
41	Comparison of Rigid and Soft-Brace Treatments for Acute Osteoporotic Vertebral Compression Fracture: A Prospective, Randomized, Multicenter Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 198.	2.4	33
42	Long-term Outcomes of Anterior Spinal Fusion for Treating Thoracic Adolescent Idiopathic Scoliosis Curves. <i>Spine</i> , 2013, 38, 819-826.	2.0	31
43	Effect of Selective Estrogen Receptor Modulator/Raloxifene Analogue on Proliferation and Collagen Metabolism of Tendon Fibroblast. <i>Connective Tissue Research</i> , 2010, 51, 179-187.	2.3	30
44	Impact of deep extensor muscle-preserving approach on clinical outcome of laminoplasty for cervical spondylotic myelopathy: comparative cohort study. <i>European Spine Journal</i> , 2012, 21, 1536-1544.	2.2	30
45	Early Clinical Results of Percutaneous Endoscopic Transforaminal Lumbar Interbody Fusion: A New Modified Technique for Treating Degenerative Lumbar Spondylolisthesis. <i>Spine Surgery and Related Research</i> , 2019, 3, 327-334.	0.7	29
46	Sialic acid-binding immunoglobulin-like lectin 15 (Siglec-15) mediates periarticular bone loss, but not joint destruction, in murine antigen-induced arthritis. <i>Bone</i> , 2015, 79, 65-70.	2.9	28
47	Siglec-15-targeting therapy increases bone mass in rats without impairing skeletal growth. <i>Bone</i> , 2018, 116, 172-180.	2.9	25
48	Cervical myelopathy resulting from combined ossification of the ligamentum flavum and posterior longitudinal ligament: report of two cases and literature review. <i>Spine Journal</i> , 2013, 13, e1-e6.	1.3	24
49	Trabecular health of vertebrae based on anisotropy in trabecular architecture and collagen/apatite micro-arrangement after implantation of intervertebral fusion cages in the sheep spine. <i>Bone</i> , 2018, 108, 25-33.	2.9	24
50	Identification of IL-27 as potent regulator of inflammatory osteolysis associated with vitamin E-blended ultra-high molecular weight polyethylene debris of orthopedic implants. <i>Acta Biomaterialia</i> , 2019, 89, 242-251.	8.3	24
51	Anterior Vertebral Screw Strain With and Without Solid Interspace Support. <i>Spine</i> , 2000, 25, 2755-2761.	2.0	23
52	Transcriptional profile of human macrophages stimulated by ultra-high molecular weight polyethylene particulate debris of orthopedic implants uncovers a common gene expression signature of rheumatoid arthritis. <i>Acta Biomaterialia</i> , 2018, 65, 417-425.	8.3	23
53	Clinical characteristics of patients with thoracic myelopathy caused by ossification of the posterior longitudinal ligament. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 63-69.	2.7	23
54	Bone Ingrowth Fixation of Artificial Intervertebral Disc Consisting of Bioceramic-Coated Three-dimensional Fabric. <i>Spine</i> , 2003, 28, 637-644.	2.0	22

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55	Impact of Weekly Teriparatide on the Bone and Mineral Metabolism in Hemodialysis Patients With Relatively Low Serum Parathyroid Hormone: A Pilot Study. <i>Therapeutic Apheresis and Dialysis</i> , 2020, 24, 146-153.	0.9	22
56	Perioperative complications of spine surgery in patients 80 years of age or older: a multicenter prospective cohort study. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 622-630.	1.7	22
57	Outcomes of Surgery for Thoracic Myelopathy Owing to Thoracic Ossification of The Ligamentum Flavum in a Nationwide Multicenter Prospectively Collected Study in 223 Patients. <i>Spine</i> , 2020, 45, E170-E178.	2.0	21
58	Risk Factors of Nonunion After Acute Osteoporotic Vertebral Fractures. <i>Spine</i> , 2020, 45, 895-902.	2.0	21
59	Siglec-15-targeting therapy protects against glucocorticoid-induced osteoporosis of growing skeleton in juvenile rats. <i>Bone</i> , 2020, 135, 115331.	2.9	21
60	Sclerostin activity plays a key role in the negative effect of glucocorticoid signaling on osteoblast function in mice. <i>Bone Research</i> , 2017, 5, 17013.	11.4	20
61	Vitamin K-dependent carboxylation of osteocalcin affects the efficacy of teriparatide (PTH1-34) for skeletal repair. <i>Bone</i> , 2014, 64, 95-101.	2.9	19
62	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
63	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
64	Two-year observation of artificial intervertebral disc replacement: results after supplemental ultra-high strength bioresorbable spinal stabilization. <i>Journal of Neurosurgery: Spine</i> , 2004, 100, 337-342.	1.7	16
65	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
66	Morphological analysis of Kambin's triangle using 3D CT/MRI fusion imaging of lumbar nerve root created automatically with artificial intelligence. <i>European Spine Journal</i> , 2021, 30, 2191-2199.	2.2	16
67	Severe Fixed Cervical Kyphosis Treated with Circumferential Osteotomy and Pedicle Screw Fixation Using an Anterior-Posterior-Anterior Surgical Sequence. <i>World Neurosurgery</i> , 2013, 80, 654.e17-654.e21.	1.3	15
68	Breast cancer cells expressing cancer-associated sialyl-Tn antigen have less capacity to develop osteolytic lesions in a mouse model of skeletal colonization. <i>Clinical and Experimental Metastasis</i> , 2019, 36, 539-549.	3.3	15
69	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
70	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
71	Risk factors for subsequent vertebral fracture after acute osteoporotic vertebral fractures. <i>European Spine Journal</i> , 2021, 30, 2698-2707.	2.2	15
72	Long-term prognosis of hematogenous vertebral osteomyelitis: Mortality, quality of life, and pain. <i>Journal of Orthopaedic Science</i> , 2017, 22, 822-827.	1.1	14

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73	Effects after starting or switching from bisphosphonate to romosozumab or denosumab in Japanese postmenopausal patients. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 868-875.	2.7	14
74	Structural strength of cancellous specimens from bovine femur under cyclic compression. <i>PeerJ</i> , 2016, 4, e1562.	2.0	14
75	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
76	Spinal Cord Compression by Ligamentum Flavum Hematoma in the Thoracic Spine. <i>Spine</i> , 2009, 34, E942-E944.	2.0	13
77	Association between obesity and ossification of spinal ligaments in 622 asymptomatic subjects: a cross-sectional study. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 337-347.	2.7	13
78	An Investigational Study on the Healing Process of Anterior Spinal Arthrodesis Using a Bioactive Ceramic Spacer and the Change in Load-Sharing of Spinal Instrumentation. <i>Spine</i> , 2005, 30, E195-E203.	2.0	12
79	PCSK5 mutation in a patient with the VACTERL association. <i>BMC Research Notes</i> , 2015, 8, 228.	1.4	12
80	Optimal administration frequency and dose of teriparatide for acceleration of biomechanical healing of long-bone fracture in a mouse model. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 256-263.	2.7	12
81	A novel technique of cervical pedicle screw placement with a pilot screw under the guidance of intraoperative 3D imaging from C-arm cone-beam CT without navigation for safe and accurate insertion. <i>European Spine Journal</i> , 2018, 27, 2754-2762.	2.2	11
82	Incidence and risk of antiresorptive agent-related osteonecrosis of the jaw (ARONJ) after tooth extraction in patients with autoimmune disease. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 581-588.	2.7	11
83	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.	2.0	11
84	Penetration of linezolid into rabbit intervertebral discs and surrounding tissues. <i>European Spine Journal</i> , 2010, 19, 2149-2155.	2.2	10
85	Effects of drug discontinuation after short-term daily alendronate administration on osteoblasts and osteocytes in mice. <i>Histochemistry and Cell Biology</i> , 2016, 146, 337-350.	1.7	10
86	Teriparatide Improves Trabecular Osteoporosis but Simultaneously Promotes Ankylosis of the Spine in the Twy Mouse Model for Diffuse Idiopathic Skeletal Hyperostosis. <i>Calcified Tissue International</i> , 2016, 98, 140-148.	3.1	10
87	Association Between Vitamin A Intake and Disease Severity in Early-Onset Heterotopic Ossification of the Posterior Longitudinal Ligament of the Spine. <i>Global Spine Journal</i> , 2022, 12, 1770-1780.	2.3	10
88	Aggravation of Ossified Ligamentum Flavum Lesion Is Associated With the Degree of Obesity. <i>Global Spine Journal</i> , 2021, , 219256822110315.	2.3	10
89	Improved bioabsorbability of synthetic hydroxyapatite through partial dissolution-precipitation of its surface. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1247-1255.	3.6	9
90	In vivo deformation of anatomically pre-bent rods in thoracic adolescent idiopathic scoliosis. <i>Scientific Reports</i> , 2021, 11, 12622.	3.3	9

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91	Delayed bilateral vertebral artery occlusion after cervical spine injury: a case report. Spinal Cord Series and Cases, 2016, 2, 16031.	0.6	8
92	Effective Repair of Dural Tear Using Bioabsorbable Sheet With Fibrin Glue. Spine, 2017, 42, 1362-1366.	2.0	8
93	Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. Journal of Orthopaedic Science, 2019, 24, 985-990.	1.1	8
94	Magnetic resonance imaging T1 and T2 mapping provide complementary information on the bone mineral density regarding cancellous bone strength in the femoral head of postmenopausal women with osteoarthritis. Clinical Biomechanics, 2019, 65, 13-18.	1.2	8
95	Retrospective study to evaluate the clinical significance of a second rise in C-reactive protein level following instrumented spinal fusion surgery. Journal of Orthopaedic Science, 2019, 24, 963-968.	1.1	8
96	Efficacy and safety of sodium RISedronate for glucocorticoid-induced Osteoporosis with rheumatoid arthritis (RISOTTO study): A multicentre, double-blind, randomized, placebo-controlled trial. Modern Rheumatology, 2021, 31, 593-599.	1.8	8
97	Characterization of microstructure and bio-absorption of the hydroxyapatite ceramics modified by a partial dissolution-precipitation technique using supersonic treatment. Journal of the Ceramic Society of Japan, 2010, 118, 535-540.	1.1	7
98	Quick and easy sample preparation without resin embedding for the bone quality assessment of fresh calcified bone using fourier transform infrared imaging. PLoS ONE, 2018, 13, e0189650.	2.5	7
99	Early surgical intervention may facilitate recovery of cervical spinal cord injury in DISH. Journal of Orthopaedic Surgery, 2019, 27, 230949901983478.	1.0	7
100	Ten years change in post-fracture care for hip fracture patients. Journal of Bone and Mineral Metabolism, 2020, 38, 222-229.	2.7	7
101	Short- versus long-segment posterior spinal fusion with vertebroplasty for osteoporotic vertebral collapse with neurological impairment in thoracolumbar spine: a multicenter study. BMC Musculoskeletal Disorders, 2020, 21, 513.	1.9	7
102	Two case reports of "locked spondyloptosis": the most severe traumatic cervical spondyloptosis with locked spinous process and vertebral arch into the spinal canal. Spinal Cord Series and Cases, 2020, 6, 10.	0.6	7
103	Close association between non-alcoholic fatty liver disease and ossification of the posterior longitudinal ligament of the spine. Scientific Reports, 2021, 11, 17412.	3.3	7
104	The Surgical Outcomes of Spinal Fusion for Osteoporotic Vertebral Fractures in the Lower Lumbar Spine with a Neurological Deficit. Spine Surgery and Related Research, 2020, 4, 199-207.	0.7	7
105	Bone biopsy findings in patients receiving long-term bisphosphonate therapy for glucocorticoid-induced osteoporosis. Journal of Bone and Mineral Metabolism, 2022, , 1.	2.7	7
106	Drug therapy targeting pyrophosphate slows the ossification of spinal ligaments in twy mice. Journal of Orthopaedic Research, 2018, 36, 1256-1261.	2.3	6
107	Rapidly progressive cervical myelopathy had a high risk of developing deep venous thrombosis: a prospective observational study in 289 cases with degenerative cervical spine disease. Spinal Cord, 2019, 57, 58-64.	1.9	6
108	Increased risk of symptomatic progression of instability following decompression for lumbar canal stenosis in patients receiving chronic glucocorticoids therapy. Journal of Orthopaedic Science, 2019, 24, 14-18.	1.1	6

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109	Potential association with early changes in serum calcium level after starting or switching to denosumab combined with eldecalcitol. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 351-357.	2.7	6
110	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
111	Predictive factors for irreversible motor paralysis following cervical spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 554-562.	1.9	6
112	Accuracy of pedicle screw placement using patient-specific template guide system. <i>Journal of Orthopaedic Science</i> , 2022, 27, 348-354.	1.1	6
113	Differential effects of anti-RANKL monoclonal antibody and zoledronic acid on necrotic bone in a murine model of <i>Staphylococcus aureus</i> -induced osteomyelitis. <i>Journal of Orthopaedic Research</i> , 2022, 40, 614-623.	2.3	6
114	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. <i>Scientific Reports</i> , 2022, 12, 748.	3.3	6
115	Outstanding in vivo mechanical integrity of additively manufactured spinal cages with a novel "honeycomb tree structure" design via guiding bone matrix orientation. <i>Spine Journal</i> , 2022, , .	1.3	6
116	Time Course of Respiratory Dysfunction and Motor Paralysis for 12 Weeks in Cervical Spinal Cord Injury without Bone Injury. <i>Spine Surgery and Related Research</i> , 2019, 3, 37-42.	0.7	5
117	Molecular Targeted Therapy for the Bone Loss Secondary to Pyogenic Spondylodiscitis Using Medications for Osteoporosis: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4453.	4.1	5
118	Cardiotrophin Like Cytokine Factor 1 (CLCF1) alleviates bone loss in osteoporosis mouse models by suppressing osteoclast differentiation through activating interferon signaling and repressing the nuclear factor- κ B signaling pathway. <i>Bone</i> , 2021, 153, 116140.	2.9	5
119	Distinct progression pattern of ossification of the posterior longitudinal ligament of the thoracic spine versus the cervical spine: a longitudinal whole-spine CT study. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 175-182.	1.7	5
120	Title is missing!. <i>Spine</i> , 2003, 28, 637-644.	2.0	4
121	Primary Spinal Marginal Zone Lymphoma Relapse at a Different Spinal Level after Remission of the Primary Lesion. <i>Global Spine Journal</i> , 2013, 3, 261-264.	2.3	4
122	Pyogenic spondylodiscitis following anti-interleukin-6 therapy in a patient with rheumatoid arthritis (implication of hematogenous infection risk in degenerative intervertebral discs): A case report and review of the literature. <i>Journal of Orthopaedic Science</i> , 2016, 21, 694-697.	1.1	4
123	Cervical myelopathy due to atraumatic odontoid fracture in patients with rheumatoid arthritis: A case series. <i>Modern Rheumatology</i> , 2017, 27, 901-904.	1.8	4
124	Dural penetration caused by a vertebral bone fragment in a lumbar burst fracture: a case report. <i>Spinal Cord Series and Cases</i> , 2017, 3, 16040.	0.6	4
125	Is Bone Nonunion, Vertebral Deformity, or Spinopelvic Malalignment the Best Therapeutic Target for Amelioration of Low Back Pain After Osteoporotic Vertebral Fracture?. <i>Spine</i> , 2020, 45, E760-E767.	2.0	4
126	Short-term efficacy and safety of zoledronate acid or denosumab in Japanese patients with postmenopausal osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 824-832.	2.7	4

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127	Perioperative Complications in Posterior Surgeries for Cervical Ossification of the Posterior Longitudinal Ligament. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, E594-E600.	1.3	4
128	Exceptional Conditions for Favorable Neurological Recovery After Laminoplasty in Cases with Cervical Myelopathy Caused by K-line (α ⁺) Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, 990-998.	2.0	4
129	Factors Contributing to Residual Low Back Pain after Osteoporotic Vertebral Fractures. <i>Journal of Clinical Medicine</i> , 2022, 11, 1566.	2.4	4
130	Comparison of the Efficacy and Renal Safety of Bisphosphonate Between Low-Dose/High-Frequency and High-Dose/Low-Frequency Regimens in a Late-Stage Chronic Kidney Disease Rat Model. <i>Calcified Tissue International</i> , 2020, 107, 389-402.	3.1	3
131	Predictors for quality of life improvement after acute osteoporotic vertebral fracture: results of post hoc analysis of a prospective randomized study. <i>Quality of Life Research</i> , 2021, 30, 129-135.	3.1	3
132	Risk factors of multidrug-resistant pyogenic spondylitis in thoraco-lumbar spine: A retrospective study of 122 cases. <i>Journal of Orthopaedic Science</i> , 2022, 27, 95-100.	1.1	3
133	Serum C-reactive protein is an early, simple and inexpensive prognostic marker for the progression of intramedullary lesion on magnetic resonance imaging from acute to subacute stage in patients with spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 1155-1161.	1.9	3
134	Histochemical characteristics on minimodeling-based bone formation induced by anabolic drugs for osteoporotic treatment. <i>Biomedical Research</i> , 2021, 42, 161-171.	0.9	3
135	Factors Significantly Associated with Postoperative Neck Pain Deterioration after Surgery for Cervical Ossification of the Posterior Longitudinal Ligament: Study of a Cohort Using a Prospective Registry. <i>Journal of Clinical Medicine</i> , 2021, 10, 5026.	2.4	3
136	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.	1.7	3
137	Cervical nerve root anomaly: Report of a case and review of the literature. <i>Journal of Orthopaedic Science</i> , 2018, 23, 842-844.	1.1	2
138	Bone Metabolism in the Healing Process of Lumbar Interbody Fusion-Temporal changes of bone turnover markers-. <i>Spine</i> , 2021, Publish Ahead of Print, 1645-1652.	2.0	2
139	Morphologic Changes in the Vertebral Artery Subsequent to Cervical Spine Degeneration and Aging: Analyses by Computed Tomography Angiography Using Multiplanar and 3-Dimensional Reconstructions. <i>World Neurosurgery</i> , 2021, 150, e686-e695.	1.3	2
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