

Toshitaka Yoshii

List of Publications by Year in descending order

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187
papers

3,030
citations

201385

27
h-index

243296

44
g-index

208
all docs

208
docs citations

208
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of rhBMP-2 released from biodegradable polyurethane/microsphere composite scaffolds on new bone formation in rat femora. <i>Biomaterials</i> , 2009, 30, 6768-6779.	5.7	165
2	Repair of large osteochondral defects in rabbits using porous hydroxyapatite/collagen (HAp/Col) and fibroblast growth factor-2 (FGF-2). <i>Journal of Orthopaedic Research</i> , 2010, 28, 677-686.	1.2	143
3	Injectable Biodegradable Polyurethane Scaffolds with Release of Platelet-derived Growth Factor for Tissue Repair and Regeneration. <i>Pharmaceutical Research</i> , 2008, 25, 2387-2399.	1.7	119
4	Cervical Sagittal Imbalance is a Predictor of Kyphotic Deformity After Laminoplasty in Cervical Spondylotic Myelopathy Patients Without Preoperative Kyphotic Alignment. <i>Spine</i> , 2016, 41, 299-305.	1.0	118
5	Prevalence and Distribution of Ossified Lesions in the Whole Spine of Patients with Cervical Ossification of the Posterior Longitudinal Ligament A Multicenter Study (JOSL CT study). <i>PLoS ONE</i> , 2016, 11, e0160117.	1.1	73
6	Dexamethasone Enhances Osteogenic Differentiation of Bone Marrow- and Muscle-Derived Stromal Cells and Augments Ectopic Bone Formation Induced by Bone Morphogenetic Protein-2. <i>PLoS ONE</i> , 2015, 10, e0116462.	1.1	72
7	Impact of the surgical treatment for degenerative cervical myelopathy on the preoperative cervical sagittal balance: a review of prospective comparative cohort between anterior decompression with fusion and laminoplasty. <i>European Spine Journal</i> , 2017, 26, 104-112.	1.0	71
8	Modified K-Line in Magnetic Resonance Imaging Predicts Insufficient Decompression of Cervical Laminoplasty. <i>Spine</i> , 2013, 38, 496-501.	1.0	65
9	Perioperative Complications After Surgery for Thoracic Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1389-E1397.	1.0	64
10	Quantitative measures of femoral fracture repair in rats derived by micro-computed tomography. <i>Journal of Biomechanics</i> , 2009, 42, 891-897.	0.9	63
11	Comparison of Decompression, Decompression Plus Fusion, and Decompression Plus Stabilization for Degenerative Spondylolisthesis. <i>Clinical Spine Surgery</i> , 2018, 31, E347-E352.	0.7	59
12	Anterior decompression with fusion versus posterior decompression with fusion for massive cervical ossification of the posterior longitudinal ligament with a $\geq 50\%$ canal occupying ratio: a multicenter retrospective study. <i>Spine Journal</i> , 2016, 16, 1351-1357.	0.6	58
13	Hybrid Grafting Using Bone Marrow Aspirate Combined With Porous β -Tricalcium Phosphate and Trephine Bone for Lumbar Posterolateral Spinal Fusion. <i>Spine</i> , 2012, 37, E174-E179.	1.0	46
14	A Sustained Release of Lovastatin from Biodegradable, Elastomeric Polyurethane Scaffolds for Enhanced Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2010, 16, 2369-2379.	1.6	37
15	Presence of Anterior Compression of the Spinal Cord After Laminoplasty Inhibits Upper Extremity Motor Recovery in Patients With Cervical Spondylotic Myelopathy. <i>Spine</i> , 2012, 37, 377-384.	1.0	37
16	Prevalence and Distribution of Diffuse Idiopathic Skeletal Hyperostosis on Whole-spine Computed Tomography in Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Clinical Spine Surgery</i> , 2018, 31, E460-E465.	0.7	37
17	Prevalence and distribution of ossification of the supra/interspinous ligaments in symptomatic patients with cervical ossification of the posterior longitudinal ligament of the spine: a CT-based multicenter cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 492.	0.8	36
18	The temporal and spatial development of vascularity in a healing displaced fracture. <i>Bone</i> , 2014, 67, 208-221.	1.4	35

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19	Local injection of lovastatin in biodegradable polyurethane scaffolds enhances bone regeneration in a critical-sized segmental defect in rat femora. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 589-595.	1.3	34
20	The long noncoding RNA Crnde regulates osteoblast proliferation through the Wnt/ β -catenin signaling pathway in mice. <i>Bone</i> , 2020, 130, 115076.	1.4	34
21	Postoperative hip motion and functional recovery after simultaneous bilateral total hip arthroplasty for bilateral osteoarthritis. <i>Journal of Orthopaedic Science</i> , 2009, 14, 161-166.	0.5	33
22	Repair of Osteochondral Defects in a Rabbit Model Using a Porous Hydroxyapatite Collagen Composite Impregnated With Bone Morphogenetic Protein-2. <i>Artificial Organs</i> , 2015, 39, 529-535.	1.0	33
23	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.	1.0	33
24	Bone Turnover Markers as a New Predicting Factor for Nonunion After Spinal Fusion Surgery. <i>Spine</i> , 2018, 43, E29-E34.	1.0	32
25	Spinal fractures in patients with Diffuse idiopathic skeletal hyperostosis: A nationwide multi-institution survey. <i>Journal of Orthopaedic Science</i> , 2019, 24, 601-606.	0.5	32
26	A systematic review and meta-analysis comparing anterior decompression with fusion and posterior laminoplasty for cervical ossification of the posterior longitudinal ligament. <i>Journal of Orthopaedic Science</i> , 2020, 25, 58-65.	0.5	31
27	Fresh bone marrow introduction into porous scaffolds using a simple low-pressure loading method for effective osteogenesis in a rabbit model. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1-7.	1.2	29
28	The impact of sarcopenia on the results of lumbar spinal surgery. <i>Osteoporosis and Sarcopenia</i> , 2018, 4, 33-36.	0.7	29
29	Synthesis, characterization of calcium phosphates/polyurethane composites for weight-bearing implants. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 32-40.	1.6	28
30	Intraoperative evaluation using mobile computed tomography in anterior cervical decompression with floating method for massive ossification of the posterior longitudinal ligament. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 12.	0.9	26
31	Distribution of ossified spinal lesions in patients with severe ossification of the posterior longitudinal ligament and prediction of ossification at each segment based on the cervical OP index classification: a multicenter study (JOSL CT study). <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 107.	0.8	26
32	Dynamic Changes in Spinal Cord Compression by Cervical Ossification of the Posterior Longitudinal Ligament Evaluated by Kinematic Computed Tomography Myelography. <i>Spine</i> , 2014, 39, 113-119.	1.0	25
33	Using artificial intelligence to diagnose fresh osteoporotic vertebral fractures on magnetic resonance images. <i>Spine Journal</i> , 2021, 21, 1652-1658.	0.6	25
34	Long-term results of a prospective study of anterior decompression with fusion and posterior decompression with laminoplasty for treatment of cervical spondylotic myelopathy. <i>Journal of Orthopaedic Science</i> , 2018, 23, 32-38.	0.5	24
35	Perioperative complications of anterior decompression with fusion versus laminoplasty for the treatment of cervical ossification of the posterior longitudinal ligament: propensity score matching analysis using a nation-wide inpatient database. <i>Spine Journal</i> , 2019, 19, 610-616.	0.6	24
36	Biological activity is not suppressed in mid-shaft stress fracture of the bowed femoral shaft unlike in atypical subtrochanteric femoral fracture: A proposed theory of atypical femoral fracture subtypes. <i>Bone</i> , 2020, 137, 115453.	1.4	24

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37	Supine versus lateral position for accurate positioning of acetabular cup in total hip arthroplasty using the modified Watson-Jones approach: A randomized single-blind controlled trial. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 915-922.	0.9	23
38	Bone Defect Regeneration by a Combination of a β -Tricalcium Phosphate Scaffold and Bone Marrow Stromal Cells in a Non-Human Primate Model. <i>Open Biomedical Engineering Journal</i> , 2016, 10, 2-11.	0.7	23
39	Surgical outcomes for lumbar spinal canal stenosis with coexisting cervical stenosis (tandem spinal) Tj ETQq1 1 0.784314 rgBT /Overl 60.	0.9	22
40	Lumbar epidural lipomatosis is associated with visceral fat and metabolic disorders. <i>European Spine Journal</i> , 2018, 27, 1653-1661.	1.0	22
41	Potential bone fragility of mid-shaft atypical femoral fracture: Biomechanical analysis by a CT-based nonlinear finite element method. <i>Injury</i> , 2019, 50, 1876-1882.	0.7	22
42	Postoperative lymphocyte percentage and neutrophil-lymphocyte ratio are useful markers for the early prediction of surgical site infection in spinal decompression surgery. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902091840.	0.4	22
43	Clinical Outcomes of Surgical Treatment for Arachnoid Web: A Case Series. <i>Spine Surgery and Related Research</i> , 2019, 3, 43-48.	0.4	21
44	Co-existence of ossification of the nuchal ligament is associated with severity of ossification in the whole spine in patients with cervical ossification of the posterior longitudinal ligament -A multi-center CT study-. <i>Journal of Orthopaedic Science</i> , 2019, 24, 35-41.	0.5	21
45	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.	1.0	21
46	Comparison of Perioperative Complications in Anterior Decompression With Fusion and Posterior Decompression With Fusion for Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2020, 45, E1006-E1012.	1.0	21
47	Identification of Predictive Factors for Mechanical Complications After Adult Spinal Deformity Surgery. <i>Spine</i> , 2020, 45, 1185-1192.	1.0	21
48	Risk Factors of Nonunion After Acute Osteoporotic Vertebral Fractures. <i>Spine</i> , 2020, 45, 895-902.	1.0	21
49	A Comparative Study of Anterior Decompression With Fusion and Posterior Decompression With Laminoplasty for the Treatment of Cervical Spondylotic Myelopathy Patients With Large Anterior Compression of the Spinal Cord. <i>Clinical Spine Surgery</i> , 2017, 30, E1137-E1142.	0.7	20
50	Cervical pedicle screw placement using intraoperative computed tomography imaging with a mobile scanner gantry. <i>European Spine Journal</i> , 2016, 25, 1690-1697.	1.0	19
51	Fall-related Deterioration of Subjective Symptoms in Patients with Cervical Myelopathy. <i>Spine</i> , 2017, 42, E398-E403.	1.0	19
52	Clinical Outcomes of Cervical Spinal Surgery for Cervical Myelopathic Patients With Coexisting Lumbar Spinal Canal Stenosis (Tandem Spinal Stenosis). <i>Spine</i> , 2018, 43, E234-E241.	1.0	19
53	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. <i>Spine Surgery and Related Research</i> , 2019, 3, 361-367.	0.4	19
54	Augmentation of fracture healing by hydroxyapatite/collagen paste and bone morphogenetic protein-2 evaluated using a rat femur osteotomy model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 129-137.	1.2	18

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55	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.	0.5	18
56	Ankle arthrodesis using a modified Masquelet induced membrane technique for open ankle fracture with a substantial osteochondral defect: A case report of novel surgical technique. <i>Injury</i> , 2019, 50, 2128-2135.	0.7	17
57	Cyclin-Dependent Kinase 1 Is Essential for Muscle Regeneration and Overload Muscle Fiber Hypertrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 564581.	1.8	17
58	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.	0.8	16
59	Efficacy of Antibiotic-Loaded Hydroxyapatite/Collagen Composites Is Dependent on Adsorbability for Treating <i>Staphylococcus aureus</i> Osteomyelitis in Rats. <i>Journal of Orthopaedic Research</i> , 2020, 38, 843-851.	1.2	16
60	Portable imageless navigation system and surgeon's estimate for accurate evaluation of acetabular cup orientation during total hip arthroplasty in supine position. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 707-712.	0.6	16
61	Porous/Dense Composite Hydroxyapatite for Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2013, 38, 833-840.	1.0	15
62	Drain Tip Culture is Not Prognostic for Surgical Site Infection in Spinal Surgery Under Prophylactic Use of Antibiotics. <i>Spine</i> , 2016, 41, 1179-1184.	1.0	15
63	Biomechanical evaluation of the rabbit tibia after implantation of porous hydroxyapatite/collagen in a rabbit model. <i>Journal of Orthopaedic Science</i> , 2016, 21, 230-236.	0.5	15
64	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.	0.4	15
65	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 420.	0.8	15
66	Risk factors for subsequent vertebral fracture after acute osteoporotic vertebral fractures. <i>European Spine Journal</i> , 2021, 30, 2698-2707.	1.0	15
67	Visualization of electrophysiological activity at the carpal tunnel area using magnetoneurography. <i>Clinical Neurophysiology</i> , 2020, 131, 951-957.	0.7	14
68	Comparison of Clinical and Radiographic Outcomes of Laminoplasty, Anterior Decompression With Fusion, and Posterior Decompression With Fusion for Degenerative Cervical Myelopathy. <i>Spine</i> , 2020, 45, E1342-E1348.	1.0	14
69	Lumbosacral pedicle screw placement using a fluoroscopic pedicle axis view and a cannulated tapping device. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 79.	0.9	13
70	Comparison of anterior decompression with fusion and posterior decompression with fusion for cervical spondylotic myelopathy: A systematic review and meta-analysis. <i>Journal of Orthopaedic Science</i> , 2020, 25, 938-945.	0.5	13
71	A systematic review and meta-analysis comparing anterior decompression with fusion and posterior laminoplasty for cervical spondylotic myelopathy. <i>Journal of Orthopaedic Science</i> , 2021, 26, 116-122.	0.5	13
72	The 25-question Geriatric Locomotive Function Scale predicts the risk of recurrent falls in postoperative patients with cervical myelopathy. <i>Journal of Orthopaedic Science</i> , 2018, 23, 185-189.	0.5	12

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73	A Prospective Comparative Study in Skin Antiseptic Solutions for Posterior Spine Surgeries. <i>Clinical Spine Surgery</i> , 2018, 31, E353-E356.	0.7	12
74	Incidence of tensor fascia lata muscle atrophy after using the modified Watson-Jones anterolateral approach in total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 533-540.	0.6	12
75	Seasonal impact on surgical site infections in hip fracture surgery: Analysis of 330,803 cases using a nationwide inpatient database. <i>Injury</i> , 2021, 52, 898-904.	0.7	12
76	Cervical Myelopathy Screening with Machine Learning Algorithm Focusing on Finger Motion Using Noncontact Sensor. <i>Spine</i> , 2022, 47, 163-171.	1.0	12
77	Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of ossification of the spinal ligament, 2019. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1-45.	0.5	12
78	Isolation of Osteogenic Progenitor Cells from Trabecular Bone for Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2010, 16, 933-942.	1.6	11
79	Effectiveness of Surgical Treatment for Degenerative Cervical Myelopathy in Preventing Falls and Fall-related Neurological Deterioration. <i>Spine</i> , 2020, 45, E631-E638.	1.0	11
80	Preoperative risk factors for delirium in patients aged ≥75 years undergoing spinal surgery: a retrospective study. <i>Journal of International Medical Research</i> , 2020, 48, 030006052096121.	0.4	11
81	Clinical characteristics in patients with ossification of the posterior longitudinal ligament: A prospective multi-institutional cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 5532.	1.6	11
82	Surgical outcomes of the thoracic ossification of ligamentum flavum: a retrospective analysis of 61 cases. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 7.	0.8	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.	1.0	11
84	A Prospective Cohort Study of Dysphagia After Subaxial Cervical Spine Surgery. <i>Spine</i> , 2021, 46, 492-498.	1.0	11
85	Comparison of decompression, decompression plus fusion, and decompression plus stabilization: a long-term follow-up of a prospective, randomized study. <i>Spine Journal</i> , 2022, 22, 747-755.	0.6	11
86	Dexamethasone Regulates EphA5, a Potential Inhibitory Factor with Osteogenic Capability of Human Bone Marrow Stromal Cells. <i>Stem Cells International</i> , 2016, 2016, 1-20.	1.2	10
87	Comparison of Surgical Outcomes After Open- and Double-Door Laminoplasties for Patients with Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, E1238-E1245.	1.0	10
88	Comparison of Perioperative Complications Between Anterior Fusion and Posterior Fusion for Osteoporotic Vertebral Fractures in Elderly Patients. <i>Clinical Spine Surgery</i> , 2020, 33, E586-E592.	0.7	10
89	Local application of a proteasome inhibitor enhances fracture healing in rats. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1197-1204.	1.2	9
90	Anterior Cervical Corpectomy and Fusion Using a Synthetic Hydroxyapatite Graft for Ossification of the Posterior Longitudinal Ligament. <i>Orthopedics</i> , 2017, 40, e334-e339.	0.5	9

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91	Incidence of atypical femoral fractures in the treatment of bone metastasis: An alert report. <i>Journal of Bone Oncology</i> , 2020, 23, 100301.	1.0	9
92	<p>DNA Microarray Analysis of Differential Gene Expression in the Dorsal Root Ganglia of Four Different Neuropathic Pain Mouse Models</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 3031-3043.	0.8	9
93	Comparison of Perioperative Complications in Anterior Decompression With Fusion and Posterior Decompression With Fusion for Cervical Spondylotic Myelopathy. <i>Clinical Spine Surgery</i> , 2021, 34, E425-E431.	0.7	9
94	Severe kyphotic deformity resulting from collapses of cemented and adjacent vertebrae following percutaneous vertebroplasty using calcium phosphate cement. A case report. <i>Skeletal Radiology</i> , 2014, 43, 1477-1480.	1.2	8
95	Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 985-990.	0.5	8
96	Seasonality of mortality and in-hospital complications in hip fracture surgery: Retrospective cohort research using a nationwide inpatient database. <i>Geriatrics and Gerontology International</i> , 2021, 21, 398-403.	0.7	8
97	Predictive Factors Affecting Surgical Outcomes in Patients with Degenerative Lumbar Spondylolisthesis. <i>Spine</i> , 2021, 46, 610-616.	1.0	8
98	Comparison of Lateral Lumbar Interbody Fusion and Posterior Lumbar Interbody Fusion as Corrective Surgery for Patients with Adult Spinal Deformity—A Propensity Score Matching Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4737.	1.0	8
99	Hydroxyapatite/collagen composite graft for posterior lumbar interbody fusion: a comparison with local bone graft. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 639.	0.9	8
100	Anterior Cervical Corpectomy with Fusion versus Anterior Hybrid Fusion Surgery for Patients with Severe Ossification of the Posterior Longitudinal Ligament Involving Three or More Levels: A Retrospective Comparative Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5315.	1.0	8
101	The Real-World Effect of 12-Months of Romosozumab Treatment on Patients With Osteoporosis With a High Risk of Fracture and Factors Predicting the Rate of Bone Mass Increase: A Multicenter Retrospective Study. <i>JBMR Plus</i> , 2022, 6, .	1.3	8
102	Retrospective analysis of surgical outcomes for atlantoaxial subluxation. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 75.	0.9	7
103	Comparison of Perioperative Complications Between Anterior Decompression With Fusion and Laminoplasty For Cervical Spondylotic Myelopathy. <i>Clinical Spine Surgery</i> , 2020, 33, E101-E107.	0.7	7
104	Risk factors related to perioperative systemic complications and mortality in elderly patients with osteoporotic vertebral fractures—analysis of a large national inpatient database. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 518.	0.9	7
105	Short- versus long-segment posterior spinal fusion with vertebroplasty for osteoporotic vertebral collapse with neurological impairment in thoracolumbar spine: a multicenter study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 513.	0.8	7
106	Comparative analysis of clinical factors associated with pedicle screw pullout during or immediately after surgery between intraoperative cone-beam computed tomography and postoperative computed tomography. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 55.	0.8	7
107	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.	0.4	7
108	Assessment of thoracic spinal cord electrophysiological activity through magnetoneurography. <i>Clinical Neurophysiology</i> , 2022, 133, 39-47.	0.7	7

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109	Upper limb amputation due to a brachial arterial embolism associated with a superior mesenteric arterial embolism: a case report. <i>BMC Research Notes</i> , 2012, 5, 372.	0.6	6
110	A multi-train electrical stimulation protocol facilitates transcranial electrical motor evoked potentials and increases induction rate and reproducibility even in patients with preoperative neurological deficits. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 549-558.	0.7	6
111	Unexpected timely fracture union in matrix metalloproteinase 9 deficient mice. <i>PLoS ONE</i> , 2018, 13, e0198088.	1.1	6
112	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.	1.0	6
113	Associations between Clinical Symptoms and Degree of Ossification in Patients with Cervical Ossification of the Posterior Longitudinal Ligament: A Prospective Multi-Institutional Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 4055.	1.0	6
114	Accuracy of pedicle screw insertion for unilateral open transforaminal lumbar interbody fusion: a side-by-side comparison of percutaneous and conventional open techniques in the same patients. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 168.	0.8	6
115	Impact of body mass index on surgical outcomes and complications in adult spinal deformity. <i>Journal of Orthopaedic Science</i> , 2022, 27, 89-94.	0.5	6
116	Predictors for quality of life improvement after surgery for degenerative cervical myelopathy: a prospective multi-center study. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 150.	1.0	6
117	Predictors of residual low back pain after acute osteoporotic compression fracture. <i>Journal of Orthopaedic Science</i> , 2021, 26, 453-458.	0.5	6
118	Intradiscal Injection with Chondriase (Chondroitin Sulfate ABC Endolyase) for Painful Radiculopathy Caused by Lumbar Disc Herniation. <i>Spine Surgery and Related Research</i> , 2022, 6, 252-260.	0.4	6
119	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. <i>Scientific Reports</i> , 2022, 12, 748.	1.6	6
120	Association between hospital surgical volume and complications after total hip arthroplasty in femoral neck fracture: A propensity score-matched cohort study. <i>Injury</i> , 2021, 52, 3002-3010.	0.7	5
121	Prospective Investigation of Postoperative Complications in Anterior Decompression with Fusion for Severe Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, 1621-1629.	1.0	5
122	Factors Negatively Influencing Postoperative Improvement After Laminoplasty in Degenerative Cervical Myelopathy. <i>Clinical Spine Surgery</i> , 2022, 35, E230-E235.	0.7	5
123	K-Line Tilt is a Predictor of Postoperative Kyphotic Deformity After Laminoplasty for Cervical Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , 2023, 13, 1005-1010.	1.2	5
124	Impact of Diabetes Mellitus on Cervical Spine Surgery for Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 3375.	1.0	5
125	Impact of preoperative cervical sagittal alignment for cervical myelopathy caused by ossification of the posterior longitudinal ligament on surgical treatment. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1208-1214.	0.5	5
126	Current concept of stress fractures with an additional category of atypical fractures: a perspective review with representative images. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2021, 12, 204201882110496.	1.4	5

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127	Time Course of Acute Vertebral Fractures: A Prospective Multicenter Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5961.	1.0	5
128	Risk factors for recurrence and regrowth of spinal schwannoma. <i>Journal of Orthopaedic Science</i> , 2023, 28, 554-559.	0.5	5
129	Prognostic Factors for Respiratory Dysfunction for Cervical Spinal Cord Injury and/or Cervical Fractures in Elderly Patients: A Multicenter Survey. <i>Global Spine Journal</i> , 2024, 14, 101-112.	1.2	5
130	The characteristics of the patients with radiologically severe cervical ossification of the posterior longitudinal ligament of the spine: A CT-based multicenter cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2020, 25, 746-750.	0.5	4
131	Laminar Closure in Double-door Laminoplasty for Cervical Spondylotic Myelopathy with Nonkyphotic Alignment. <i>Spine</i> , 2021, 46, 999-1006.	1.0	4
132	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.	0.7	4
133	Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4137.	1.0	4
134	Does surgical body position influence the risk for neurovascular injury in total hip arthroplasty? A magnetic resonance imaging study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102817.	0.9	4
135	Preoperative Risk Factors for Adjacent Segment Degeneration after Two-Level Floating Posterior Fusion at L3-L5. <i>Spine Surgery and Related Research</i> , 2020, 4, 43-49.	0.4	4
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