

Morio Matsumoto

List of Publications by Year in descending order

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155
papers

3,522
citations

136950

32
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182427

51
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159
all docs

159
docs citations

159
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	Anterior Cervical Decompression and Fusion Accelerates Adjacent Segment Degeneration. <i>Spine</i> , 2010, 35, 36-43.	2.0	168
2	Surgical Results and Related Factors for Ossification of Posterior Longitudinal Ligament of the Thoracic Spine. <i>Spine</i> , 2008, 33, 1034-1041.	2.0	127
3	A PAX1 enhancer locus is associated with susceptibility to idiopathic scoliosis in females. <i>Nature Communications</i> , 2015, 6, 6452.	12.8	122
4	A Functional SNP in BNC2 Is Associated with Adolescent Idiopathic Scoliosis. <i>American Journal of Human Genetics</i> , 2015, 97, 337-342.	6.2	119
5	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
6	Postoperative Distal Adding-on and Related Factors in Lenke Type 1A Curve. <i>Spine</i> , 2013, 38, 737-744.	2.0	90
7	Age-Related Changes of Thoracic and Cervical Intervertebral Discs in Asymptomatic Subjects. <i>Spine</i> , 2010, 35, 1359-1364.	2.0	84
8	A meta-analysis identifies adolescent idiopathic scoliosis association with <i>LBX1</i> locus in multiple ethnic groups. <i>Journal of Medical Genetics</i> , 2014, 51, 401-406.	3.2	79
9	Surgical Treatment of Ossification of the Posterior Longitudinal Ligament and Its Outcomes. <i>Spine</i> , 2012, 37, E303-E308.	2.0	77
10	Risk factors for closure of lamina after open-door laminoplasty. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 530-537.	1.7	73
11	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.	2.5	73
12	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
13	Late instrumentation failure after total en bloc spondylectomy. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 320-327.	1.7	68
14	Impact of Frailty and Comorbidities on Surgical Outcomes and Complications in Adult Spinal Disorders. <i>Spine</i> , 2018, 43, 1259-1267.	2.0	67
15	Association of Postoperative Shoulder Balance With Adding-on in Lenke Type II Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2014, 39, E705-E712.	2.0	57
16	Tandem age-related lumbar and cervical intervertebral disc changes in asymptomatic subjects. <i>European Spine Journal</i> , 2013, 22, 708-713.	2.2	56
17	Surgeons' Exposure to Radiation in Single- and Multi-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion; A Prospective Study. <i>PLoS ONE</i> , 2014, 9, e95233.	2.5	56
18	Recurrence of Lumbar Disc Herniation after Microendoscopic Discectomy. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, 222-227.	0.8	54

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19	Extraforaminal Entrapment of the Fifth Lumbar Spinal Nerve by Osteophytes of the Lumbosacral Spine. <i>Spine</i> , 2002, 27, E169-E173.	2.0	53
20	Incidence of complications associated with spinal endoscopic surgery: nationwide survey in 2007 by the Committee on Spinal Endoscopic Surgical Skill Qualification of Japanese Orthopaedic Association. <i>Journal of Orthopaedic Science</i> , 2010, 15, 92-96.	1.1	51
21	Posterior decompression surgery for extraforaminal entrapment of the fifth lumbar spinal nerve at the lumbosacral junction. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 72-81.	1.7	47
22	Impact of Lamina Closure on Long-term Outcomes of Open-Door Laminoplasty in Patients With Cervical Myelopathy. <i>Spine</i> , 2012, 37, 1288-1291.	2.0	46
23	Total en Bloc Spondylectomy for Spinal Metastasis of Differentiated Thyroid Cancers. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, E137-E142.	1.9	46
24	Microendoscopic partial resection of the sacral ala to relieve extraforaminal entrapment of the L-5 spinal nerve at the lumbosacral tunnel. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 342-346.	1.7	41
25	Ball tip technique for thoracic pedicle screw placement in patients with adolescent idiopathic scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 246-252.	1.7	40
26	Cross-sectional area of the posterior extensor muscles of the cervical spine in whiplash injury patients versus healthy volunteers â€” 10 year follow-up MR study. <i>Injury</i> , 2012, 43, 912-916.	1.7	39
27	Nocturnal Leg Cramps. <i>Spine</i> , 2009, 34, E189-E194.	2.0	38
28	Etiological factors in hallux valgus, a three-dimensional analysis of the first metatarsal. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 43.	1.9	37
29	Open-Door Laminoplasty for Cervical Myelopathy Resulting From Adjacent-Segment Disease in Patients With Previous Anterior Cervical Decompression and Fusion. <i>Spine</i> , 2006, 31, 1332-1337.	2.0	36
30	Postoperative shoulder imbalance in Lenke Type 1A adolescent idiopathic scoliosis and related factors. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 366.	1.9	36
31	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.	1.9	36
32	Prospective Ten-Year Follow-up Study Comparing Patients With Whiplash-Associated Disorders and Asymptomatic Subjects Using Magnetic Resonance Imaging. <i>Spine</i> , 2010, 35, 1684-1690.	2.0	34
33	Effect of Early vs Delayed Surgical Treatment on Motor Recovery in Incomplete Cervical Spinal Cord Injury With Preexisting Cervical Stenosis. <i>JAMA Network Open</i> , 2021, 4, e2133604.	5.9	34
34	Long-term surgical outcomes of cervical dumbbell neurinomas. <i>Journal of Orthopaedic Science</i> , 2013, 18, 8-13.	1.1	33
35	CT-based morphological analysis of spinal fractures in patients with diffuse idiopathic skeletal hyperostosis. <i>Journal of Orthopaedic Science</i> , 2017, 22, 3-9.	1.1	33
36	Impact of interlaminar graft materials on the fusion status in atlantoaxial transarticular screw fixation. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 23-26.	1.7	32

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37	Wedging of vertebral bodies at the thoracolumbar junction in asymptomatic healthy subjects on magnetic resonance imaging. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 223-228.	1.2	32
38	Coronal plane spinal malalignment and Parkinson's disease: prevalence and associations with disease severity. <i>Spine Journal</i> , 2015, 15, 115-121.	1.3	32
39	Spinal fractures in patients with Diffuse idiopathic skeletal hyperostosis:A nationwide multi-institution survey. <i>Journal of Orthopaedic Science</i> , 2019, 24, 601-606.	1.1	32
40	A Japanese nationwide multicenter survey on perioperative complications of corrective fusion for elderly patients with adult spinal deformity. <i>Journal of Orthopaedic Science</i> , 2017, 22, 237-242.	1.1	30
41	Usefulness of neurological examination for diagnosis of the affected level in patients with cervical compressive myelopathy: prospective comparative study with radiological evaluation. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 535-539.	1.7	28
42	Role of Ethnicity in Alignment Compensation. <i>Spine</i> , 2017, 42, E234-E240.	2.0	26
43	LOTUS Inhibits Neuronal Apoptosis and Promotes Tract Regeneration in Contusive Spinal Cord Injury Model Mice. <i>ENeuro</i> , 2018, 5, ENEURO.0303-18.2018.	1.9	26
44	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.	1.9	26
45	Position of the major curve influences asymmetrical trunk kinematics during gait in adolescent idiopathic scoliosis. <i>Gait and Posture</i> , 2017, 51, 142-148.	1.4	25
46	Lumbar spinal canal stenosis leads to locomotive syndrome in elderly patients. <i>Journal of Orthopaedic Science</i> , 2019, 24, 19-23.	1.1	25
47	Clinical Outcome after Bone Metastasis (BM) Surgery in Patients with Differentiated Thyroid Carcinoma (DTC): A Retrospective Study of 40 Cases. <i>Japanese Journal of Clinical Oncology</i> , 2014, 44, 918-925.	1.3	24
48	Updates on surgical treatments for pediatric scoliosis. <i>Journal of Orthopaedic Science</i> , 2014, 19, 6-14.	1.1	24
49	Surgical risk stratification based on preoperative risk factors in adult spinal deformity. <i>Spine Journal</i> , 2019, 19, 816-826.	1.3	24
50	In vivo monitoring of remnant undifferentiated neural cells following human induced pluripotent stem cell-derived neural stem/progenitor cells transplantation. <i>Stem Cells Translational Medicine</i> , 2020, 9, 465-477.	3.3	24
51	Risk factors of radiological adjacent disc degeneration with lumbar interbody fusion for degenerative spondylolisthesis. <i>Journal of Orthopaedic Science</i> , 2016, 21, 133-137.	1.1	23
52	Effect of natural full weight-bearing during standing on the rotation of the first metatarsal bone. <i>Clinical Anatomy</i> , 2019, 32, 715-721.	2.7	23
53	Lumbar spinal surgery improves locomotive syndrome in elderly patients with lumbar spinal canal stenosis: A multicenter prospective study. <i>Journal of Orthopaedic Science</i> , 2020, 25, 213-218.	1.1	23
54	Short Fusion Strategy for Lenke Type 1 Thoracic Curve Using Pedicle Screw Fixation. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 93-97.	1.9	22

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55	Effects of femoral bone tunnel characteristics on graft-bending angle in double-bundle anterior cruciate ligament reconstruction: a comparison of the outside-in and transportal techniques. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1191-1198.	4.2	22
56	A robust culture system to generate neural progenitors with gliogenic competence from clinically relevant induced pluripotent stem cells for treatment of spinal cord injury. <i>Stem Cells Translational Medicine</i> , 2021, 10, 398-413.	3.3	22
57	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.	1.1	21
58	Modic changes of the cervical spine in patients with whiplash injury: A prospective 11-year follow-up study. <i>Injury</i> , 2013, 44, 819-824.	1.7	20
59	Extensive total spondylectomy for recurrent giant cell tumor in the thoracic spine. <i>Journal of Neurosurgery: Spine</i> , 2007, 6, 600-605.	1.7	19
60	Spinal fractures in patients with diffuse idiopathic skeletal hyperostosis: Clinical characteristics by fracture level. <i>Journal of Orthopaedic Science</i> , 2019, 24, 393-399.	1.1	19
61	Prevalence and type of cervical deformities among adults with Parkinson's disease: a cross-sectional study. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 527-534.	1.7	18
62	Onset and remodeling of coronal imbalance after selective posterior thoracic fusion for Lenke 1C and 2C adolescent idiopathic scoliosis (a pilot study). <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 16.	2.3	17
63	Acceleration of Osteogenesis via Stimulation of Angiogenesis by Combination with Scaffold and Connective Tissue Growth Factor. <i>Materials</i> , 2019, 12, 2068.	2.9	17
64	Glenohumeral translation during active external rotation with the shoulder abducted in cases with glenohumeral instability: a 4-dimensional computed tomography analysis. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1903-1910.	2.6	17
65	<I>IN VITRO</I> BIOLOGICAL EVALUATIONS OF THREE-DIMENSIONAL SCAFFOLD DEVELOPED FROM SINGLE-CRYSTAL APATITE FIBRES FOR TISSUE ENGINEERING OF BONE. <i>Phosphorus Research Bulletin</i> , 2004, 17, 262-268.	0.6	16
66	Identification of HOXD4 Mutations in Spinal Extradural Arachnoid Cyst. <i>PLoS ONE</i> , 2015, 10, e0142126.	2.5	16
67	Complicated Surgical Resection of Malignant Tumors in the Upper Cervical Spine After Failed Ion-Beam Radiation Therapy. <i>Spine</i> , 2010, 35, E505-E509.	2.0	15
68	Changes in the cross-sectional area of deep posterior extensor muscles of the cervical spine after anterior decompression and fusion: 10-year follow-up study using MRI. <i>European Spine Journal</i> , 2012, 21, 304-308.	2.2	15
69	Effects of Reduction Osteotomy on Gap Balancing During Total Knee Arthroplasty for Severe Varus Deformity. <i>Journal of Arthroplasty</i> , 2015, 30, 2116-2120.	3.1	15
70	Adipose-Derived Stem Cell Sheets Improve Early Biomechanical Graft Strength in Rabbits After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2021, 49, 3508-3518.	4.2	15
71	The effects of barbed suture on watertightness after knee arthrotomy closure: a cadaveric study. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 323.	2.3	14
72	Negative impact of spinal epidural lipomatosis on the surgical outcome of posterior lumbar spinous-splitting decompression surgery: a multicenter retrospective study. <i>Spine Journal</i> , 2019, 19, 1977-1985.	1.3	14

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73	Bactericidal and Bioresorbable Calcium Phosphate Cements Fabricated by Silver-Containing Tricalcium Phosphate Microspheres. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3745.	4.1	14
74	Potential Application of Protamine for Antimicrobial Biomaterials in Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4368.	4.1	14
75	LOTUS overexpression via exÂvivo gene transduction further promotes recovery of motor function following human iPSC-NS/PC transplantation for contusive spinal cord injury. <i>Stem Cell Reports</i> , 2021, 16, 2703-2717.	4.8	14
76	Progressive Kyphoscoliosis Associated With Tethered Cord Treated by Posterior Vertebral Column Resection. <i>Spine</i> , 2009, 34, E965-E968.	2.0	13
77	Stride length of elderly patients with lumbar spinal stenosis: Multi-center study using the Two-Step test. <i>Journal of Orthopaedic Science</i> , 2019, 24, 787-792.	1.1	13
78	Negative feedback loop of bone resorption by NFATc1-dependent induction of Cadm1. <i>PLoS ONE</i> , 2017, 12, e0175632.	2.5	13
79	Utilization of a Technique of Percutaneous S2 Alar-Iliac Fixation in Immunocompromised Patients with Spondylodiscitis. <i>World Neurosurgery</i> , 2017, 97, 757.e11-757.e18.	1.3	12
80	The effect of switching from teriparatide to anti-RANKL antibody on cancellous and cortical bone in ovariectomized mice. <i>Bone</i> , 2018, 107, 18-26.	2.9	12
81	Comparisons of direct costs, outcomes, and cost-utility of decompression surgery with fusion versus decompression alone for degenerative lumbar spondylolisthesis. <i>Journal of Orthopaedic Science</i> , 2018, 23, 653-657.	1.1	12
82	Association of Continuous Vertebral Bone Bridges and Bone Mineral Density with the Fracture Risk in Patients with Diffuse Idiopathic Skeletal Hyperostosis. <i>Asian Spine Journal</i> , 2022, 16, 75-81.	2.0	12
83	Anterior Decompression and Fusion via the Extraleural Approach for Thoracic Disc Herniation Causing Myelopathy.. <i>Keio Journal of Medicine</i> , 1997, 46, 173-176.	1.1	12
84	A novel FOXC2 mutation in spinal extradural arachnoid cyst. <i>Human Genome Variation</i> , 2015, 2, 15032.	0.7	11
85	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.	3.3	11
86	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
87	Total En Bloc Spondylectomy for Locally Aggressive Vertebral Hemangioma Causing Neurological Deficits. <i>Case Reports in Orthopedics</i> , 2015, 2015, 1-7.	0.3	10
88	Age- and sex-associated morphological variations of metatarsal torsional patterns in humans. <i>Clinical Anatomy</i> , 2017, 30, 1058-1063.	2.7	10
89	Presence of Modic type 1 change increases risk of postoperative pyogenic discitis following decompression surgery for lumbar canal stenosis. <i>Journal of Orthopaedic Science</i> , 2017, 22, 988-993.	1.1	10
90	Expression Analysis of Susceptibility Genes for Ossification of the Posterior Longitudinal Ligament of the Cervical Spine in Human OPLL-related Tissues and a Spinal Hyperostotic Mouse (ttw/ttw). <i>Spine</i> , 2020, 45, E1460-E1468.	2.0	10

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91	A Metabolomic Profile Predictive of New Osteoporosis or Sarcopenia Development. <i>Metabolites</i> , 2021, 11, 278.	2.9	10
92	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.	2.0	10
93	Tenosynovial giant cell tumor of the cervical spine: a case report. <i>Spinal Cord Series and Cases</i> , 2019, 5, 23.	0.6	9
94	Total elbow arthroplasty using an augmented reality-assisted surgical technique. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 175-184.	2.6	9
95	Effect of the upper instrumented vertebral level (upper vs. lower thoracic spine) on gait ability after corrective surgery for adult spinal deformity. <i>Spine Journal</i> , 2018, 18, 130-138.	1.3	8
96	Spinal correction surgery improves asymmetrical trunk kinematics during gait in adolescent idiopathic scoliosis with thoracic major curve. <i>European Spine Journal</i> , 2019, 28, 619-626.	2.2	8
97	Retinoic Acid Receptor Agonists Suppress Muscle Fatty Infiltration in Mice. <i>American Journal of Sports Medicine</i> , 2021, 49, 332-339.	4.2	8
98	A Novel Mouse Model of Soft-Tissue Infection Using Bioluminescence Imaging Allows Noninvasive, Real-Time Monitoring of Bacterial Growth. <i>PLoS ONE</i> , 2014, 9, e106367.	2.5	7
99	Effect of decrease in radial inclination of distal radius fractures on distal radioulnar joint stability: a biomechanical study. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 967-973.	1.0	7
100	A Replication Study for the Association of rs11190870 With Curve Severity in Adolescent Idiopathic Scoliosis in Japanese. <i>Spine</i> , 2018, 43, 688-692.	2.0	7
101	Femur Bone Mineral Density and Pentosidine Level Distinguish Ankylosing Spinal Disorder Patients with and without Sacroiliac Ankylosis. <i>Spine Surgery and Related Research</i> , 2020, 4, 333-340.	0.7	7
102	Limited Cost Benefit of Lateral Interbody Fusion for Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, 48-53.	2.0	7
103	Risk factors for early-onset radiographical adjacent segment disease in patients with spondylytic spondylolisthesis after single-level posterior lumbar interbody fusion. <i>Spine Journal</i> , 2022, 22, 1112-1118.	1.3	7
104	Ethnic Variations in Radiographic Parameters and SRS-22 Scores in Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2018, 31, 216-221.	1.3	6
105	Epithelioid Hemangioma of the Thoracic Spine: A Case Report and Review of the Literature. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 800-805.	1.4	6
106	Excessive correction impacts postoperative shoulder imbalance in lenke type 5C adolescent idiopathic scoliosis. <i>Journal of Orthopaedic Science</i> , 2020, 25, 757-762.	1.1	6
107	Predictive factors for irreversible motor paralysis following cervical spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 554-562.	1.9	6
108	Atlantoaxial Stabilization Using C1 and C2 Laminar Screw Fixation. <i>Asian Spine Journal</i> , 2017, 11, 314-318.	2.0	6

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109	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. <i>Scientific Reports</i> , 2022, 12, 748.	3.3	6
110	Use of a titanium mesh cage for posterior atlantoaxial arthrodesis. <i>Journal of Neurosurgery: Spine</i> , 2002, 96, 127-130.	1.7	5
111	Massive hemothorax caused by Gelpi retractor during posterior correction surgery for adolescent idiopathic scoliosis: a case report. <i>Scoliosis</i> , 2014, 9, 17.	0.4	5
112	Epidemiological survey of ossification of the posterior longitudinal ligament by using clinical investigation registration forms. <i>Journal of Orthopaedic Science</i> , 2016, 21, 291-294.	1.1	5
113	Correlation between preoperative physical signs and functional outcomes after laminoplasty for ossification of the posterior longitudinal ligament. <i>Journal of Orthopaedic Science</i> , 2017, 22, 266-269.	1.1	5
114	Grade III intradural extramedullary anaplastic ependymoma managed with near-complete resection and adjuvant radiotherapy: a case report. <i>Spinal Cord Series and Cases</i> , 2021, 7, 1.	0.6	5
115	Compressive mechanical stress enhances susceptibility to interleukin-1 by increasing interleukin-1 receptor expression in 3D-cultured ATDC5 cells. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 238.	1.9	5
116	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.	2.0	5
117	Maximum number of bone cross-linked vertebrae: an index for BMD in diffuse idiopathic skeletal hyperostosis. <i>Journal of Bone and Mineral Metabolism</i> , 2021, , 1.	2.7	5
118	Imaging Comparison Between Chinese and Japanese Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1376-E1383.	2.0	4
119	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.	1.1	4
120	Effects of peripheral tears of the triangular fibrocartilage complex on distal radioulnar joint stability: A biomechanical study. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1008-1013.	1.1	4
121	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.	2.4	4
122	Remnant Tumor Margin as Predictive Factor for Its Growth After Incomplete Resection of Cervical Dumbbell-Shaped Schwannomas. <i>Neurospine</i> , 2022, , .	2.9	4
123	Effect of tibial coronal inclination on hindfoot kinematics: A biomechanical simulation study. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 952-958.	1.8	3
124	Risk factors of cervical surgery related complications in patients older than 80 years. <i>Spine Surgery and Related Research</i> , 2017, 1, 179-184.	0.7	3
125	The tibial growth plate as a predictor of the original tibial plateau joint line as a reference for kinematically aligned total knee arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 4.	2.3	3
126	The impact of diabetes mellitus on spinal fracture with diffuse idiopathic skeletal hyperostosis: A multicenter retrospective study. <i>Journal of Orthopaedic Science</i> , 2022, 27, 582-587.	1.1	3

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127	The impact of ossification spread on cervical spine function in patients with ossification of the posterior longitudinal ligament. <i>Scientific Reports</i> , 2021, 11, 14337.	3.3	3
128	Challenges to the orthopedic resident workforce during the first wave of COVID-19 pandemic: Lessons learnt from a global cross-sectional survey. <i>Journal of Orthopaedics</i> , 2021, 27, 103-113.	1.3	3
129	Radiographic evaluation of patellofemoral alignment in kinematically aligned total knee arthroplasty: A comparative study with mechanically aligned total knee arthroplasty. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1043-1050.	1.1	3
130	Normal values and ranges of the lateral capitulo-humeral angle in healthy children. <i>Journal of Pediatric Orthopaedics Part B</i> , 2021, 30, 381-384.	0.6	3
131	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
132	Risk predictors of perioperative complications for the palliative surgical treatment of spinal metastasis. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1107-1112.	1.1	3
133	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
134	Increased migratory activity and cartilage regeneration by superficial-zone chondrocytes in enzymatically treated cartilage explants. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 256.	1.9	3
135	Quantification of the spatial strain distribution of scoliosis using a thin-plate spline method. <i>Journal of Biomechanics</i> , 2014, 47, 302-307.	2.1	2
136	Efficacy of hyaluronic acid on intervertebral disc inflammation: An in vitro study using notochordal cell lines and human disc cells. <i>Journal of Orthopaedic Research</i> , 2020, 39, 2197-2208.	2.3	2
137	Short fusion with vertebrectomy during growth in congenital spinal deformity: is early surgical intervention recommended?. <i>Spine Deformity</i> , 2020, 8, 733-742.	1.5	2
138	Gorham-Stout Disease Resulting in Spinal Deformity Treated by Fusion Surgery Combined With Everolimus Therapy. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	2
139	The characteristics of the young patients with cervical ossification of the posterior longitudinal ligament of the spine: A multicenter cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2021, . .	1.1	2
140	Issues that the Japanese Orthopaedic Association should address as it enters its next 100 years. <i>Journal of Orthopaedic Science</i> , 2020, 25, 1-3.	1.1	1
141	Volar transfer of the lateral band with transverse retinacular ligament is effective for the correction of swan-neck deformity caused by volar plate injury of the PIP joint. <i>Modern Rheumatology Case Reports</i> , 2020, 4, 152-155.	0.7	1
142	Neurological Deterioration After Hemivertebrectomy for Congenital Thoracic Kyphoscoliosis with Myelopathy. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
143	Spontaneous Reduction of Chiari Malformation and Syringomyelia After Posterior Spinal Fusion for Scoliosis. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
144	Posterior and Anterior Fusion for Severe Cervical Kyphosis in a Patient with Chondrodysplasia Punctata. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1

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145	Symptomatic Postoperative Spinal Subdural Hematoma Following Posterior Lumbar Spinous Process-Splitting Decompression Surgery for Lumbar Spinal Canal Stenosis: A Case Report. <i>Spine Surgery and Related Research</i> , 2021, 5, 117-119.	0.7	1
146	Surgical Predictors for Prevention of Postoperative Shoulder Imbalance in Lenke Type 2A Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2021, Publish Ahead of Print, .	2.0	1
147	Commentary on “The Incidence of Adding-On or Distal Junctional Kyphosis in Adolescent Idiopathic Scoliosis Treated by Anterior Spinal Fusion to L3 Was Significantly Higher Than by Posterior Spinal Fusion to L3”. <i>Neurospine</i> , 2021, 18, 464-466.	2.9	1
148	Quantification of edematous changes by diffusion magnetic resonance imaging in gastrocnemius muscles after spinal nerve ligation. <i>PLoS ONE</i> , 2018, 13, e0193306.	2.5	1
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150	Neurological improvement is associated with neck pain attenuation after surgery for cervical ossification of the posterior longitudinal ligament. <i>Scientific Reports</i> , 2021, 11, 11910.	3.3	0
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152	Movements of the Whole Lumbar Spine Using Muscle Active Simulator. <i>Biomechanisms</i> , 2006, 18, 241-250.	0.1	0
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