

Morio Matsumoto

List of Publications by Year in descending order

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Version: 2024-02-01

155
papers

3,522
citations

136950

32
h-index

182427

51
g-index

159
all docs

159
docs citations

159
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. <i>Scientific Reports</i> , 2022, 12, 748.	3.3	6
5	Remnant Tumor Margin as Predictive Factor for Its Growth After Incomplete Resection of Cervical Dumbbell-Shaped Schwannomas. <i>Neurospine</i> , 2022, , .	2.9	4
6	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
7	Risk factors for early-onset radiographical adjacent segment disease in patients with spondylolytic spondylolisthesis after single-level posterior lumbar interbody fusion. <i>Spine Journal</i> , 2022, 22, 1112-1118.	1.3	7
8	Application of an indentation sensor for the arthroscopic measurement of articular cartilage stiffness. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2022, 236, 566-572.	1.8	0
9	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
10	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
11	Predictive factors for irreversible motor paralysis following cervical spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 554-562.	1.9	6
12	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
13	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
14	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
15	Neurological Deterioration After Hemivertebrectomy for Congenital Thoracic Kyphoscoliosis with Myelopathy. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
16	Spontaneous Reduction of Chiari Malformation and Syringomyelia After Posterior Spinal Fusion for Scoliosis. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
17	Retinoic Acid Receptor Agonists Suppress Muscle Fatty Infiltration in Mice. <i>American Journal of Sports Medicine</i> , 2021, 49, 332-339.	4.2	8
18	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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19	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
20	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
21	A Metabolomic Profile Predictive of New Osteoporosis or Sarcopenia Development. <i>Metabolites</i> , 2021, 11, 278.	2.9	10
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	LOTUS overexpression via ex vivo 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
34	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
35	Normal values and ranges of the lateral capitello-humeral angle in healthy children. <i>Journal of Pediatric Orthopaedics Part B</i> , 2021, 30, 381-384.	0.6	3
36	Limited Cost Benefit of Lateral Interbody Fusion for Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, 48-53.	2.0	7

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	Potential Application of Protamine for Antimicrobial Biomaterials in Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4368.	4.1	14
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	Tenosynovial giant cell tumor of the cervical spine: a case report. <i>Spinal Cord Series and Cases</i> , 2019, 5, 23.	0.6	9
62	Acute Paraparesis Due to Protrusion of a Disc Following Lateral Interbody Fusion for Degenerative Kyphoscoliosis. <i>JBJS Case Connector</i> , 2019, 9, e8-e8.	0.3	0
63	Surgical risk stratification based on preoperative risk factors in adult spinal deformity. <i>Spine Journal</i> , 2019, 19, 816-826.	1.3	24
64	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
65	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
66	Lumbar spinal canal stenosis leads to locomotive syndrome in elderly patients. <i>Journal of Orthopaedic Science</i> , 2019, 24, 19-23.	1.1	25
67	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
68	Impact of Frailty and Comorbidities on Surgical Outcomes and Complications in Adult Spinal Disorders. <i>Spine</i> , 2018, 43, 1259-1267.	2.0	67
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	Development of diagnostic method for bone and soft tissue sarcomas of various histological subtypes using serum microRNA profiles.. <i>Journal of Clinical Oncology</i> , 2018, 36, 12019-12019.	1.6	0
82	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
83	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
84	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
85	Role of Ethnicity in Alignment Compensation. <i>Spine</i> , 2017, 42, E234-E240.	2.0	26
86	Age- and sex-associated morphological variations of metatarsal torsional patterns in humans. <i>Clinical Anatomy</i> , 2017, 30, 1058-1063.	2.7	10
87	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
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	Negative feedback loop of bone resorption by NFATc1-dependent induction of Cadm1. <i>PLoS ONE</i> , 2017, 12, e0175632.	2.5	13
96	Atlantoaxial Stabilization Using C1 and C2 Laminar Screw Fixation. <i>Asian Spine Journal</i> , 2017, 11, 314-318.	2.0	6
97	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
98	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
99	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
100	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
101	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
102	A novel FOXC2 mutation in spinal extradural arachnoid cyst. <i>Human Genome Variation</i> , 2015, 2, 15032.	0.7	11
103	Identification of HOXD4 Mutations in Spinal Extradural Arachnoid Cyst. <i>PLoS ONE</i> , 2015, 10, e0142126.	2.5	16
104	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
105	A PAX1 enhancer locus is associated with susceptibility to idiopathic scoliosis in females. <i>Nature Communications</i> , 2015, 6, 6452.	12.8	122
106	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
107	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
108	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

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109	Surgeons' Exposure to Radiation in Single- and Multi-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion; A Prospective Study. PLoS ONE, 2014, 9, e95233.	2.5	56
110	A Novel Mouse Model of Soft-Tissue Infection Using Bioluminescence Imaging Allows Noninvasive, Real-Time Monitoring of Bacterial Growth. PLoS ONE, 2014, 9, e106367.	2.5	7
111	Postoperative shoulder imbalance in Lenke Type 1A adolescent idiopathic scoliosis and related factors. BMC Musculoskeletal Disorders, 2014, 15, 366.	1.9	36
112	Clinical Outcome after Bone Metastasis (BM) Surgery in Patients with Differentiated Thyroid Carcinoma (DTC): A Retrospective Study of 40 Cases. Japanese Journal of Clinical Oncology, 2014, 44, 918-925.	1.3	24
113	A genome-wide association study identifies susceptibility loci for ossification of the posterior longitudinal ligament of the spine. Nature Genetics, 2014, 46, 1012-1016.	21.4	115
114	Massive hemothorax caused by Gelpi retractor during posterior correction surgery for adolescent idiopathic scoliosis: a case report. Scoliosis, 2014, 9, 17.	0.4	5
115	Quantification of the spatial strain distribution of scoliosis using a thin-plate spline method. Journal of Biomechanics, 2014, 47, 302-307.	2.1	2
116	Updates on surgical treatments for pediatric scoliosis. Journal of Orthopaedic Science, 2014, 19, 6-14.	1.1	24
117	A meta-analysis identifies adolescent idiopathic scoliosis association with <i>LBX1</i> locus in multiple ethnic groups. Journal of Medical Genetics, 2014, 51, 401-406.	3.2	79
118	Association of Postoperative Shoulder Balance With Adding-on in Lenke Type II Adolescent Idiopathic Scoliosis. Spine, 2014, 39, E705-E712.	2.0	57
119	Tandem age-related lumbar and cervical intervertebral disc changes in asymptomatic subjects. European Spine Journal, 2013, 22, 708-713.	2.2	56
120	Modic changes of the cervical spine in patients with whiplash injury: A prospective 11-year follow-up study. Injury, 2013, 44, 819-824.	1.7	20
121	Long-term surgical outcomes of cervical dumbbell neurinomas. Journal of Orthopaedic Science, 2013, 18, 8-13.	1.1	33
122	Recurrence of Lumbar Disc Herniation after Microendoscopic Discectomy. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, 222-227.	0.8	54
123	Postoperative Distal Adding-on and Related Factors in Lenke Type 1A Curve. Spine, 2013, 38, 737-744.	2.0	90
124	Short Fusion Strategy for Lenke Type 1 Thoracic Curve Using Pedicle Screw Fixation. Journal of Spinal Disorders and Techniques, 2013, 26, 93-97.	1.9	22
125	Total en Bloc Spondylectomy for Spinal Metastasis of Differentiated Thyroid Cancers. Journal of Spinal Disorders and Techniques, 2013, 26, E137-E142.	1.9	46
126	Impact of Lamina Closure on Long-term Outcomes of Open-Door Laminoplasty in Patients With Cervical Myelopathy. Spine, 2012, 37, 1288-1291.	2.0	46

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127	Surgical Treatment of Ossification of the Posterior Longitudinal Ligament and Its Outcomes. <i>Spine</i> , 2012, 37, E303-E308.	2.0	77
128	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
129	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
130	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
131	Late instrumentation failure after total en bloc spondylectomy. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 320-327.	1.7	68
132	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
133	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
134	Age-Related Changes of Thoracic and Cervical Intervertebral Discs in Asymptomatic Subjects. <i>Spine</i> , 2010, 35, 1359-1364.	2.0	84
135	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
136	Anterior Cervical Decompression and Fusion Accelerates Adjacent Segment Degeneration. <i>Spine</i> , 2010, 35, 36-43.	2.0	168
137	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
138	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
139	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
140	Nocturnal Leg Cramps. <i>Spine</i> , 2009, 34, E189-E194.	2.0	38
141	Progressive Kyphoscoliosis Associated With Tethered Cord Treated by Posterior Vertebral Column Resection. <i>Spine</i> , 2009, 34, E965-E968.	2.0	13
142	Risk factors for closure of lamina after open-door laminoplasty. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 530-537.	1.7	73
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Movements of the Whole Lumbar Spine Using Muscle Active Simulator. <i>Biomechanisms</i> , 2006, 18, 241-250.	0.1	0
148	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
149	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
150	<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
151	In vivo bone-implant interfacial bonding strength of bioactive titanium alloy. <i>The Proceedings of the JSME Annual Meeting</i> , 2004, 2004.6, 313-314.	0.0	0
152	Use of a titanium mesh cage for posterior atlantoaxial arthrodesis. <i>Journal of Neurosurgery: Spine</i> , 2002, 96, 127-130.	1.7	5
153	Extraforaminal Entrapment of the Fifth Lumbar Spinal Nerve by Osteophytes of the Lumbosacral Spine. <i>Spine</i> , 2002, 27, E169-E173.	2.0	53
154	Anterior Decompression and Fusion via the Extrapleural Approach for Thoracic Disc Herniation Causing Myelopathy.. <i>Keio Journal of Medicine</i> , 1997, 46, 173-176.	1.1	12
155	Clinical Study of Instrumentation Surgery with a Fan-shaped Rod for Upper Cervical Lesions. <i>Spinal Surgery</i> , 1993, 7, 59-66.	0.0	0