

Yoshiharu Kawaguchi

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

3,231
citations

172457
29
h-index

168389
53
g-index

120
all docs

120
docs citations

120
times ranked

2199
citing authors

#	ARTICLE	IF	CITATIONS
1	Sacroiliac Joint Variation in Patients With Ossification of the Posterior Longitudinal Ligament. Global Spine Journal, 2023, 13, 1474-1480.	2.3	4
2	Association Between Vitamin A Intake and Disease Severity in Early-Onset Heterotopic Ossification of the Posterior Longitudinal Ligament of the Spine. Global Spine Journal, 2022, 12, 1770-1780.	2.3	10
3	Accuracy of pedicle screw placement using patient-specific template guide system. Journal of Orthopaedic Science, 2022, 27, 348-354.	1.1	6
4	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. Scientific Reports, 2022, 12, 748.	3.3	6
5	Morphological characteristics of DISH in patients with OPLL and its association with high-sensitivity CRP: inflammatory DISH. Rheumatology, 2022, 61, 3981-3988.	1.9	9
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. Journal of Neurosurgery: Spine, 2022, 37, 13-20.	1.7	3
7	Serum Periostin Level Reflects Progression of Ossification of the Posterior Longitudinal Ligament. JBJS Open Access, 2022, 7, .	1.5	5
8	BCOR-CCNB3 sarcoma arising in the proximal tibia: A case report. Molecular and Clinical Oncology, 2022, 16, 77.	1.0	1
9	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1]. Global Spine Journal, 2022, 12, 28S-38S.	2.3	28
10	Optimizing the Application of Surgery for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 10]. Global Spine Journal, 2022, 12, 147S-158S.	2.3	19
11	Evaluation of Triggered Electromyogram Monitoring during Insertion of Percutaneous Pedicle Screws. Journal of Clinical Medicine, 2022, 11, 1197.	2.4	1
12	Efficacy of surgeon-directed postoperative local injection with an analgesic mixture in posterior fusion surgery for adolescent idiopathic scoliosis. BMC Musculoskeletal Disorders, 2022, 23, 208.	1.9	3
13	Direct Reprogramming and Induction of Human Dermal Fibroblasts to Differentiate into iPS-Derived Nucleus Pulposus-like Cells in 3D Culture. International Journal of Molecular Sciences, 2022, 23, 4059.	4.1	3
14	Biomarker Research Approach to the Pathogenesis of Ossification of the Spinal Ligament: A Review. Spine Surgery and Related Research, 2022, 6, 224-232.	0.7	2
15	Association of Ligamentum Flavum Hypertrophy with Adolescent Idiopathic Scoliosis Progression—Comparative Microarray Gene Expression Analysis. International Journal of Molecular Sciences, 2022, 23, 5038.	4.1	8
16	Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study. Scientific Reports, 2022, 12, .	3.3	1
17	Clinical Characteristics of Patients with Ossification of the Posterior Longitudinal Ligament and a High OP Index: A Multicenter Cross-Sectional Study (JOSL Study). Journal of Clinical Medicine, 2022, 11, 3694.	2.4	2
18	Is it possible to predict the final component gap in flexion before femoral posterior condylar osteotomy in cruciate-retaining and posterior-stabilized total knee arthroplasty?. Knee, 2021, 28, 89-96.	1.6	1

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19	Effect of hyperdry amniotic membrane in preventing tendon adhesion in a rabbit model. Journal of Orthopaedic Science, 2021, , .	1.1	5
20	Comparison of Surgical Outcomes After Open- and Double-Door Laminoplasties for Patients with Cervical Ossification of the Posterior Longitudinal Ligament. Spine, 2021, 46, E1238-E1245.	2.0	10
21	Prospective Investigation of Postoperative Complications in Anterior Decompression with Fusion for Severe Cervical Ossification of the Posterior Longitudinal Ligament. Spine, 2021, 46, 1621-1629.	2.0	5
22	Machine Learning Approach in Predicting Clinically Significant Improvements After Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament. Spine, 2021, 46, 1683-1689.	2.0	11
23	The characteristics of the young patients with cervical ossification of the posterior longitudinal ligament of the spine: A multicenter cross-sectional study. Journal of Orthopaedic Science, 2021, , .	1.1	2
24	Neurological improvement is associated with neck pain attenuation after surgery for cervical ossification of the posterior longitudinal ligament. Scientific Reports, 2021, 11, 11910.	3.3	0
25	The impact of ossification spread on cervical spine function in patients with ossification of the posterior longitudinal ligament. Scientific Reports, 2021, 11, 14337.	3.3	3
26	Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. Journal of Clinical Medicine, 2021, 10, 4137.	2.4	4
27	Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of ossification of the spinal ligament, 2019. Journal of Orthopaedic Science, 2021, 26, 1-45.	1.1	12
28	Association between Severity of Diffuse Idiopathic Skeletal Hyperostosis and Ossification of Other Spinal Ligaments in Patients with Ossification of the Posterior Longitudinal Ligament. Journal of Clinical Medicine, 2021, 10, 4690.	2.4	2
29	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. Journal of Clinical Medicine, 2021, 10, 5026.	2.4	3
30	A novel screwing method to prevent decubitus and skin ulcer in severe kyphoscoliosis after spinal cord injury: A case report. Journal of Orthopaedic Science, 2020, 25, 719-723.	1.1	0
31	A systematic review and meta-analysis comparing anterior decompression with fusion and posterior laminoplasty for cervical ossification of the posterior longitudinal ligament. Journal of Orthopaedic Science, 2020, 25, 58-65.	1.1	31
32	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. Journal of Orthopaedic Science, 2020, 25, 746-750.	1.1	4
33	Outcomes of Surgery for Thoracic Myelopathy Owing to Thoracic Ossification of The Ligamentum Flavum in a Nationwide Multicenter Prospectively Collected Study in 223 Patients. Spine, 2020, 45, E170-E178.	2.0	21
34	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. Journal of Clinical Medicine, 2020, 9, 4055.	2.4	6
35	Clinical characteristics in patients with ossification of the posterior longitudinal ligament: A prospective multi-institutional cross-sectional study. Scientific Reports, 2020, 10, 5532.	3.3	11
36	Sacroiliac joint variation associated with diffuse idiopathic skeletal hyperostosis. BMC Musculoskeletal Disorders, 2020, 21, 93.	1.9	15

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37	Degenerative Cervical Myelopathy: A 7-Letter Coding System That Supports Decision-Making for the Surgical Approach. <i>Neurospine</i> , 2020, 17, 164-171.	2.9	10
38	Progressive paravertebral ligament ossification and pseudoarthrosis in the thoracic spine due to loss of function of the PHEX gene in a patient with X-linked hypophosphatemic rickets. <i>Journal of Orthopaedic Science</i> , 2020, , .	1.1	0
39	Increase of the Serum FGF-23 in Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , 2019, 9, 492-498.	2.3	16
40	Clinical Impact of Ossification of the Posterior Longitudinal Ligament Progression After Cervical Laminoplasty. <i>Clinical Spine Surgery</i> , 2019, 32, E133-E139.	1.3	6
41	Biomarkers of Ossification of the Spinal Ligament. <i>Global Spine Journal</i> , 2019, 9, 650-657.	2.3	9
42	Differential rod contouring on thoracolumbar/lumbar curvature in patients with adolescent idiopathic scoliosis: An analysis with intraoperative acquisition of three-dimensional imaging. <i>Journal of Orthopaedic Science</i> , 2019, 24, 780-786.	1.1	3
43	The effect of multiple lesions in patients with ossification of the posterior longitudinal ligament of the cervical spine. <i>Journal of Orthopaedic Science</i> , 2019, 24, 420-425.	1.1	2
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.	1.1	21
45	Perioperative Complications After Surgery for Thoracic Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1389-E1397.	2.0	64
46	Clinical and imaging characteristics in patients undergoing surgery for lumbar epidural lipomatosis. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 66.	1.9	17
47	Selection of posterior spinal osteotomies for more effective periapical segmental vertebral derotation in adolescent idiopathic scoliosis“An inÁvivo comparative analysis between Ponte osteotomy and inferior facetectomy alone. <i>Journal of Orthopaedic Science</i> , 2018, 23, 488-494.	1.1	8
48	Lumbar spine surgery in patients with rheumatoid arthritis (RA): what affects the outcomes?. <i>Spine Journal</i> , 2018, 18, 99-106.	1.3	19
49	Differential Rod Contouring is Essential for Improving Vertebral Rotation in Patients With Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2018, 43, E585-E591.	2.0	14
50	Sternum-splitting anterior approach following posterior decompression and fusion in patients with massive ossification of the posterior longitudinal ligament in the upper thoracic spine: report of 2 cases and literature review. <i>European Spine Journal</i> , 2018, 27, 335-341.	2.2	7
51	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.	1.3	37
52	Primary cauda equina lymphoma diagnosed by nerve biopsy: A case report and literature review. <i>Oncology Letters</i> , 2018, 16, 623-631.	1.8	11
53	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
54	Trans-Ethnic Polygenic Analysis Supports Genetic Overlaps of Lumbar Disc Degeneration With Height, Body Mass Index, and Bone Mineral Density. <i>Frontiers in Genetics</i> , 2018, 9, 267.	2.3	8

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55	Genetic background of degenerative disc disease in the lumbar spine. Spine Surgery and Related Research, 2018, 2, 98-112.	0.7	23
56	Sporadic hemangioblastoma of the film terminale with peritumoral cyst. , 2018, 9, 2.		3
57	Teriparatide versus low-dose bisphosphonates before and after surgery for adult spinal deformity in female Japanese patients with osteoporosis. European Spine Journal, 2017, 26, 2121-2127.	2.2	59
58	Lumbar disc degeneration progression in young women in their 20's: A prospective ten-year follow up. Journal of Orthopaedic Science, 2017, 22, 635-640.	1.1	14
59	Research articles published by Korean spine surgeons: Scientific progress and the increase in spine surgery. Journal of Clinical Neuroscience, 2017, 36, 6-11.	1.5	3
60	Life Expectancy After Cervical En Bloc Laminoplasty. Spine, 2017, 42, 450-455.	2.0	3
61	A selective inhibition of c-Fos/activator protein-1 as a potential therapeutic target for intervertebral disc degeneration and associated pain. Scientific Reports, 2017, 7, 16983.	3.3	44
62	Life expectancy after cervical laminoplasty-Causes of the fatal prognosis at the early stage (within 5 Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	6.7	1
63	Serum biomarkers in patients with ossification of the posterior longitudinal ligament (OPLL): Inflammation in OPLL. PLoS ONE, 2017, 12, e0174881.	2.5	46
64	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). PLoS ONE, 2016, 11, e0160117.	2.5	73
65	More Than 20 Years Follow-up After En Bloc Cervical Laminoplasty. Spine, 2016, 41, 1570-1579.	2.0	30
66	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. BMC Musculoskeletal Disorders, 2016, 17, 492.	1.9	36
67	Analysis of scientific output by spine surgeons from Japan: January 2000 to December 2013. Journal of Orthopaedic Science, 2016, 21, 13-18.	1.1	4
68	A novel nerve root anomaly with unpredictable morphology on diffusion tensor imaging in the lumbar spine: A case report. Journal of Orthopaedic Science, 2016, 21, 698-701.	1.1	0
69	An International Multicenter Study Assessing the Role of Ethnicity on Variation of Lumbar Facet Joint Orientation and the Occurrence of Degenerative Spondylolisthesis in Asia Pacific: A Study from the AOSpine Asia Pacific Research Collaboration Consortium. Global Spine Journal, 2016, 6, 35-45.	2.3	26
70	Critical Values of Facet Joint Angulation and Tropism in the Development of Lumbar Degenerative Spondylolisthesis: An International, Large-Scale Multicenter Study by the AOSpine Asia Pacific Research Collaboration Consortium. Global Spine Journal, 2016, 6, 414-421.	2.3	46
71	Is lumbar facet joint tropism developmental or secondary to degeneration? An international, large-scale multicenter study by the AOSpine Asia Pacific Research Collaboration Consortium. Scoliosis and Spinal Disorders, 2016, 11, 9.	2.3	23
72	Characteristics of ossification of the spinal ligament; incidence of ossification of the ligamentum flavum in patients with cervical ossification of the posterior longitudinal ligament â€“ Analysis of the whole spine using multidetector CT. Journal of Orthopaedic Science, 2016, 21, 439-445.	1.1	57

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73	Rod rotation and differential rod contouring followed by direct vertebral rotation for treatment of adolescent idiopathic scoliosis: effect on thoracic and thoracolumbar or lumbar curves assessed with intraoperative computed tomography. <i>Spine Journal</i> , 2016, 16, 365-371.	1.3	23
74	Balloon Kyphoplasty : Surgical Results, Efficacy and Limitations. <i>Spinal Surgery</i> , 2016, 30, 88-92.	0.0	1
75	Clinical significance of high intramedullary signal on T2-weighted cervical flexionâ€“extension magnetic resonance imaging in cervical myelopathy. <i>Journal of Orthopaedic Science</i> , 2015, 20, 973-977.	1.1	8
76	Mead acid (20:3n-9) and n-3 polyunsaturated fatty acids are not associated with risk of posterior longitudinal ligament ossification: Results of a case-control study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 96, 31-36.	2.2	2
77	Monoparesis of upper extremity due to ipsilateral upper cervical cord compression: report of two cases. <i>Journal of Orthopaedic Science</i> , 2015, 20, 939-942.	1.1	0
78	Circumferential Spinal Cord Decompression through a Single Posterior Approach with Microendoscopy for Thoracic and Thoracolumbar Ossification of the Posterior Longitudinal Ligament. <i>Asian Spine Journal</i> , 2015, 9, 605.	2.0	6
79	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
80	Transpedicular vertebroplasty after intravertebral cavity formation versus conservative treatment for osteoporotic burst fractures. <i>Spine Journal</i> , 2014, 14, 39-48.	1.3	18
81	New classification system for ossification of the posterior longitudinal ligament using CT images. <i>Journal of Orthopaedic Science</i> , 2014, 19, 530-536.	1.1	21
82	Cartilage intermediate layer protein promotes lumbar disc degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 876-881.	2.1	27
83	Anterior decompressive surgery after cervical laminoplasty in patients with ossification of the posterior longitudinal ligament. <i>Spine Journal</i> , 2014, 14, 955-963.	1.3	22
84	Surgical treatment of lumbar vertebral collapse in a patient with Parkinsonâ€™s disease: a case report. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2013, 23, 165-170.	1.4	4
85	Relationship between postoperative axial symptoms and the rotational angle of the cervical spine after laminoplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2013, 23, 53-58.	1.4	9
86	A genome-wide sib-pair linkage analysis of ossification of the posterior longitudinal ligament of the spine. <i>Journal of Bone and Mineral Metabolism</i> , 2013, 31, 136-143.	2.7	28
87	Variables affecting postsurgical prognosis of thoracic myelopathy caused by ossification of the ligamentum flavum. <i>Spine Journal</i> , 2013, 13, 1095-1107.	1.3	36
88	Bone Mineral Density of the Femoral Neck Is Increased After Successful Lumbar Spine Surgery. <i>Spine</i> , 2013, 38, E367-E373.	2.0	1
89	Ossification of the Posterior Longitudinal Ligament in Not Only the Cervical Spine, but Also Other Spinal Regions. <i>Spine</i> , 2013, 38, E1477-E1482.	2.0	72
90	Development of a New Technique for Pedicle Screw and Magerl Screw Insertion Using a 3-Dimensional Image Guide. <i>Spine</i> , 2012, 37, 1983-1988.	2.0	67

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91	Evaluation of ossification of the posterior longitudinal ligament by three-dimensional computed tomography and magnetic resonance imaging. Spine Journal, 2011, 11, 927-932.	1.3	19
92	Os odontoideum with cervical myelopathy due to posterior subluxation of C1 presenting sleep apnea. Journal of Orthopaedic Science, 2011, 16, 329-333.	1.1	7
93	Postoperative Meningitis in Patients with Cervical Cord Tumor: A Case Report. Asian Spine Journal, 2010, 4, 136.	2.0	4
94	Fatal prognosis of an atypical meningioma in the cervical spine. Journal of Orthopaedic Science, 2008, 13, 155-159.	1.1	5
95	Characteristics of Ossified Lesions in the Upper Cervical Spine Associated with Ossification of the Posterior Longitudinal Ligament in the Lower Cervical Spine. Journal of Bone and Joint Surgery - Series A, 2008, 90, 748-753.	3.0	9
96	Surgical Results and Related Factors for Ossification of Posterior Longitudinal Ligament of the Thoracic Spine. Spine, 2008, 33, 1034-1041.	2.0	127
97	How Does the Ossification Area of the Posterior Longitudinal Ligament Thicken Following Cervical Laminoplasty?. Spine, 2007, 32, E551-E556.	2.0	70
98	Adjacent segment disease following expansive lumbar laminoplasty. Spine Journal, 2007, 7, 273-279.	1.3	17
99	Postoperative delirium in spine surgery. Spine Journal, 2006, 6, 164-169.	1.3	80
100	How Does the Ossification Area of the Posterior Longitudinal Ligament Progress After Cervical Laminoplasty?. Spine, 2006, 31, 2807-2812.	2.0	65
101	Association study of COL9A2 with lumbar disc disease in the Japanese population. Journal of Human Genetics, 2006, 51, 1063-1067.	2.3	58
102	Clinical and Radiographic Results of Expansive Lumbar Laminoplasty in Patients with Spinal Stenosis. Journal of Bone and Joint Surgery - Series A, 2005, 87, 292-299.	3.0	23
103	Spinal stenosis due to ossified lumbar lesions. Journal of Neurosurgery: Spine, 2005, 3, 262-270.	1.7	36
104	H-shaped autologous bone graft associated with a ceramic interspinous block for the posterior lumbar fusion. The Journal of Japanese Society of Lumbar Spine Disorders, 2005, 11, 157-163.	0.1	1
105	Clinical and Radiographic Results of Expansive Lumbar Laminoplasty in Patients with Spinal Stenosis. Journal of Bone and Joint Surgery - Series A, 2004, 86, 1698-1703.	3.0	24
106	Preventive Measures for Axial Symptoms Following Cervical Laminoplasty. Journal of Spinal Disorders and Techniques, 2003, 16, 497-501.	1.9	73
107	Radiologic Findings of the Lumbar Spine in Patients With Rheumatoid Arthritis, and a Review of Pathologic Mechanisms. Journal of Spinal Disorders and Techniques, 2003, 16, 38-43.	1.9	72
108	Pathomechanism of Myelopathy and Surgical Results of Laminoplasty in Elderly Patients With Cervical Spondylosis. Spine, 2003, 28, 2209-2214.	2.0	53

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109	Association Between Polymorphism of the Transforming Growth Factor- β 1 Gene With the Radiologic Characteristic and Ossification of the Posterior Longitudinal Ligament. Spine, 2003, 28, 1424-1426.	2.0	49
110	Minimum 10-Year Followup After En Bloc Cervical Laminoplasty. Clinical Orthopaedics and Related Research, 2003, 411, 129-139.	1.5	188
111	Significance of Bone Formation Markers in Patients With Ossification of the Posterior Longitudinal Ligament of the Spine. Spine, 2003, 28, 378-379.	2.0	10
112	Long-term results of expansive laminoplasty for ossification of the posterior longitudinal ligament of the cervical spine: more than 10 years follow up. Journal of Neurosurgery: Spine, 2002, 96, 180-189.	1.7	121
113	Computer-assisted Magerl's transarticular screw fixation for atlantoaxial subluxation. Journal of Orthopaedic Science, 2002, 7, 131-136.	1.1	7
114	Quantitative analysis of the effect of lumbar orthosis on trunk muscle strength and muscle activity in normal subjects. Journal of Orthopaedic Science, 2002, 7, 483-489.	1.1	29
115	THE ASSOCIATION OF LUMBAR DISC DISEASE WITH VITAMIN-D RECEPTOR GENE POLYMORPHISM. Journal of Bone and Joint Surgery - Series A, 2002, 84, 2022-2028.	3.0	154
116	Long-term results of expansive laminoplasty for ossification of the posterior longitudinal ligament of the cervical spine: more than 10 years follow up. Journal of Neurosurgery, 2002, 96, 180-9.	1.6	177
117	MRIの所見と臨床的意義に関する検討。The Journal of Japanese Society of Spinal Surgery, 2002, 15, 1-10.		
118	Progression of Ossification of the Posterior Longitudinal Ligament Following en Bloc Cervical Laminoplasty. Journal of Bone and Joint Surgery - Series A, 2001, 83, 1798-1802.	3.0	115
119	Axial Symptoms After En Bloc Cervical Laminoplasty. Journal of Spinal Disorders, 1999, 12, 392-395.	1.1	141
120	Effects of coil orientation and magnetic field shield on transcranial magnetic stimulation in cats. , 1998, 21, 1172-1180.		10