

Atsushi Kimura

List of Publications by Year in descending order

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57
papers

804
citations

567281

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62
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times ranked

739
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#	ARTICLE	IF	CITATIONS
1	Perioperative Complications After Surgery for Thoracic Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1389-E1397.	2.0	64
2	Complications Associated With Spine Surgery in Patients Aged 80 Years or Older: Japan Association of Spine Surgeons with Ambition (JASA) Multicenter Study. <i>Global Spine Journal</i> , 2017, 7, 636-641.	2.3	62
3	Predictors of Persistent Axial Neck Pain After Cervical Laminoplasty. <i>Spine</i> , 2018, 43, 10-15.	2.0	57
4	Risk Factors for Delirium After Spine Surgery in Extremely Elderly Patients Aged 80 Years or Older and Review of the Literature: Japan Association of Spine Surgeons with Ambition Multicenter Study. <i>Global Spine Journal</i> , 2017, 7, 560-566.	2.3	48
5	Impact of Axial Neck Pain on Quality of Life After Laminoplasty. <i>Spine</i> , 2015, 40, E1292-E1298.	2.0	46
6	Epidemiologic survey of locomotive syndrome in Japan. <i>Journal of Orthopaedic Science</i> , 2016, 21, 222-225.	1.1	37
7	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
8	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
9	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
10	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
11	Outcomes of Surgery for Thoracic Myelopathy Owing to Thoracic Ossification of The Ligamentum Flavum in a Nationwide Multicenter Prospectively Collected Study in 223 Patients. <i>Spine</i> , 2020, 45, E170-E178.	2.0	21
12	Fall-related Deterioration of Subjective Symptoms in Patients with Cervical Myelopathy. <i>Spine</i> , 2017, 42, E398-E403.	2.0	19
13	The Rate of Venous Thromboembolism Before and After Spine Surgery as Determined with Indirect Multidetector CT. <i>JBS Open Access</i> , 2018, 3, e0015.	1.5	19
14	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. <i>Spine Surgery and Related Research</i> , 2019, 3, 361-367.	0.7	19
15	Handgrip strength correlates with walking in lumbar spinal stenosis. <i>European Spine Journal</i> , 2020, 29, 2198-2204.	2.2	19
16	Surgical outcomes of spinal fusion for osteoporotic vertebral fracture in the thoracolumbar spine: Comprehensive evaluations of 5 typical surgical fusion techniques. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1020-1026.	1.1	18
17	Surgical outcomes of spinal fusion for osteoporotic thoracolumbar vertebral fractures in patients with Parkinson's disease: what is the impact of Parkinson's disease on surgical outcome?. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 103.	1.9	16
18	Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. <i>Spine Surgery and Related Research</i> , 2019, 3, 171-177.	0.7	15

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19	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 420.	1.9	15
20	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.	2.0	14
21	Preoperative Predictors of Patient Satisfaction with Outcome after Cervical Laminoplasty. <i>Global Spine Journal</i> , 2014, 4, 077-082.	2.3	12
22	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.	1.1	12
23	Impact of K-Line (°) in the Neck-Flexion Position on Patient-reported Outcomes After Cervical Laminoplasty For Patients With Ossification of the Posterior Longitudinal Ligament. <i>Clinical Spine Surgery</i> , 2019, 32, 382-386.	1.3	12
24	D-dimer predicts pulmonary embolism after low-risk spine surgery. <i>Spine Surgery and Related Research</i> , 2018, 2, 113-120.	0.7	11
25	Effectiveness of Surgical Treatment for Degenerative Cervical Myelopathy in Preventing Falls and Fall-related Neurological Deterioration. <i>Spine</i> , 2020, 45, E631-E638.	2.0	11
26	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
27	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
28	Clinical outcome of conversion from external fixation to definitive internal fixation for open fracture of the lower limb. <i>Journal of Orthopaedic Science</i> , 2019, 24, 888-893.	1.1	9
29	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.	1.1	8
30	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.	1.9	7
31	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.	0.7	7
32	Dynamic Changes of Cauda Equina Motion Before and After Decompressive Laminectomy for Lumbar Spinal Stenosis With Redundant Nerve Roots: Cauda Equina Activation Sign. <i>Global Spine Journal</i> , 2019, 9, 619-623.	2.3	6
33	The factors related to the poor ADL in the patients with osteoporotic vertebral fracture after instrumentation surgery. <i>European Spine Journal</i> , 2020, 29, 1597-1605.	2.2	6
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. <i>Journal of Clinical Medicine</i> , 2020, 9, 4055.	2.4	6
35	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.	2.4	6
36	Risk Factor for Poor Patient Satisfaction After Lumbar Spine Surgery in Elderly Patients Aged Over 80 years. <i>Clinical Spine Surgery</i> , 2021, 34, E223-E228.	1.3	6

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37	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
38	Factors Negatively Influencing Postoperative Improvement After Laminoplasty in Degenerative Cervical Myelopathy. <i>Clinical Spine Surgery</i> , 2022, 35, E230-E235.	1.3	5
39	Impact of Diabetes Mellitus on Cervical Spine Surgery for Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 3375.	2.4	5
40	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
41	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
42	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
43	Answer to the Letter to the Editor of Kalidindi KKV, et al. concerning "Handgrip strength correlates with walking in lumbar spinal stenosis" by Inoue H. et al. [<i>Eur Spine J</i> (2020): DOI 10.1007/s00586-020-06525-1]. <i>European Spine Journal</i> , 2020, 29, 2846-2847.	2.2	3
44	Predictors associated with neurological recovery after anterior decompression with fusion for degenerative cervical myelopathy. <i>BMC Surgery</i> , 2021, 21, 144.	1.3	3
45	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
46	The 5-question Geriatric Locomotive Function Scale predicts postoperative fall risk in patients undergoing surgery for degenerative cervical myelopathy. <i>Journal of Orthopaedic Science</i> , 2021, 26, 779-785.	1.1	3
47	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
48	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
49	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
50	Association between Severity of Diffuse Idiopathic Skeletal Hyperostosis and Ossification of Other Spinal Ligaments in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4690.	2.4	2
51	Clinical Characteristics of Patients with Ossification of the Posterior Longitudinal Ligament and a High OP Index: A Multicenter Cross-Sectional Study (JOSL Study). <i>Journal of Clinical Medicine</i> , 2022, 11, 3694.	2.4	2
52	Trauma-Induced Myelopathy in Patients with Retro-Odontoid Pseudotumour and Ossification of the Anterior Longitudinal Ligament: A Report of Two Cases. <i>Journal of Orthopaedic Surgery</i> , 2014, 22, 430-433.	1.0	1
53	Predictors of Falls in Patients with Degenerative Cervical Myelopathy: A Prospective Multi-institutional Study. <i>Spine</i> , 2021, 46, 1007-1013.	2.0	1
54	Reply to the Editor: Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2020, 4, 292-293.	0.7	1

#	ARTICLE	IF	CITATIONS
55	Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
56	Answer to the Letter to the Editor of S. Razaq et al. concerning "Handgrip strength correlates with walking in lumbar spinal stenosis" by Inoue H, et al. (<i>Eur Spine J</i> 2020; 29: 2198â€“204). <i>European Spine Journal</i> , 2021, 30, 1078-1080.	2.2	0
57	Acute aortic occlusion after microendoscopic laminectomy in a patient with lumbar spinal stenosis. <i>Medicine (United States)</i> , 2021, 100, e28347.	1.0	0