Hiroyuki Inose

List of Publications by Year
in descending order

107 papers	2,064 citations	361045 20 h-index	276539 41 g-index
118 all docs	118 docs citations	118 times ranked	2527 citing authors

#	Article	IF	Citations
1	K-Line Tilt is a Predictor of Postoperative Kyphotic Deformity After Laminoplasty for Cervical Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. Global Spine Journal, 2023, 13, 1005-1010.	1.2	5
2	Risk factors for recurrence and regrowth of spinal schwannoma. Journal of Orthopaedic Science, 2023, 28, 554-559.	0.5	5
3	Pelvic incidence is a risk factor for lower instrumented vertebra failure in adult spinal deformity patients who underwent corrective fusion terminating at the L5 vertebra. Journal of Orthopaedic Science, 2023, 28, 302-307.	0.5	1
4	Factors Negatively Influencing Postoperative Improvement After Laminoplasty in Degenerative Cervical Myelopathy. Clinical Spine Surgery, 2022, 35, E230-E235.	0.7	5
5	Impact of preoperative cervical sagittal alignment for cervical myelopathy caused by ossification of the posterior longitudinal ligament on surgical treatment. Journal of Orthopaedic Science, 2022, 27, 1208-1214.	0.5	5
6	Intradiscal Injection with Condoliase (Chondroitin Sulfate ABC Endolyase) for Painful Radiculopathy Caused by Lumbar Disc Herniation. Spine Surgery and Related Research, 2022, 6, 252-260.	0.4	6
7	Local Suppression Effect of Paclitaxel-Impregnated Hydroxyapatite/Collagen on Breast Cancer Bone Metastasis in a Rat Model. Spine Surgery and Related Research, 2022, 6, 294-302.	0.4	3
8	Detecting ossification of the posterior longitudinal ligament on plain radiographs using a deep convolutional neural network: a pilot study. Spine Journal, 2022, 22, 934-940.	0.6	4
9	Surgical Strategy for Osteoid Osteoma Localized in Anterior Lumbar Vertebral Body: A Case Report. Spine Surgery and Related Research, 2022, 6, 408-411.	0.4	1
10	Factors Contributing to Residual Low Back Pain after Osteoporotic Vertebral Fractures. Journal of Clinical Medicine, 2022, 11, 1566.	1.0	4
11	Comparison of decompression, decompression plus fusion, and decompression plus stabilization: a long-term follow-up of a prospective, randomized study. Spine Journal, 2022, 22, 747-755.	0.6	11
12	Factors contributing to neck pain in patients with degenerative cervical myelopathy: A prospective multicenter study. Journal of Orthopaedic Surgery, 2022, 30, 102255362210918.	0.4	0
13	Early Experiences of One-Level Total Disc Replacement (Prestige LP) in Japan: A Comparison of Short-Term Outcomes with Anterior Cervical Discectomy with Fusion. Spine Surgery and Related Research, 2022, 6, 581-588.	0.4	2
14	The Realâ€World Effect of 12â€‰Months of Romosozumab Treatment on Patients With Osteoporosis With a High Risk of Fracture and Factors Predicting the Rate of Bone Mass Increase: A Multicenter Retrospective Study. JBMR Plus, 2022, 6, .	1.3	8
15	Perioperative Complications of Anterior Decompression with Fusion in Degenerative Cervical Myelopathyâ€”A Comparative Study between Ossification of Posterior Longitudinal Ligament and Cervical Spondylotic Myelopathy Using a Nationwide Inpatient Database. Journal of Clinical Medicine, 2022, 11, 3398.	1.0	2
16	Foxf2 represses bone formation via Wnt2b/Î²-catenin signaling. Experimental and Molecular Medicine, 2022, 54, 753-764.	3.2	6
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.	1.0	2
18	Predictors for quality of life improvement after acute osteoporotic vertebral fracture: results of post hoc analysis of a prospective randomized study. Quality of Life Research, 2021, 30, 129-135.	1.5	3

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19	Comparative analysis of clinical factors associated with pedicle screw pullâ€out during or immediately after surgery between intraoperative coneâ€beam computed tomography and postoperative computed tomography. BMC Musculoskeletal Disorders, 2021, 22, 55.	0.8	7
20	Predictors of Falls in Patients with Degenerative Cervical Myelopathy: A Prospective Multi-institutional Study. Spine, 2021, 46, 1007-1013.	1.0	1
21	Laminar Closure in Double-door Laminoplasty for Cervical Spondylotic Myelopathy with Nonkyphotic Alignment. Spine, 2021, 46, 999-1006.	1.0	4
22	Using artificial intelligence to diagnose fresh osteoporotic vertebral fractures on magnetic resonance images. Spine Journal, 2021, 21, 1652-1658.	0.6	25
23	Predictors associated with neurological recovery after anterior decompression with fusion for degenerative cervical myelopathy. BMC Surgery, 2021, 21, 144.	0.6	3
24	Sagittal alignment changes and postoperative complications following surgery for adult spinal deformity in patients with Parkinsonâ€™s disease: a multi-institutional retrospective cohort study. BMC Musculoskeletal Disorders, 2021, 22, 357.	0.8	3
25	Comparison of Perioperative Complications in Anterior Decompression With Fusion and Posterior Decompression With Fusion for Cervical Spondylotic Myelopathy. Clinical Spine Surgery, 2021, 34, E425-E431.	0.7	9
26	Predictors for quality of life improvement after surgery for degenerative cervical myelopathy: a prospective multi-center study. Health and Quality of Life Outcomes, 2021, 19, 150.	1.0	6
27	Predictors of residual low back pain after acute osteoporotic compression fracture. Journal of Orthopaedic Science, 2021, 26, 453-458.	0.5	6
28	Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy. JAMA - Journal of the American Medical Association, 2021, 326, 357.	3.8	1
29	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.	1.0	4
30	A comparative study of surgical outcomes between anterior cervical discectomy with fusion and selective laminoplasty for cervical spondylotic myelopathy. Journal of Orthopaedic Science, 2021, , .	0.5	3
31	Application of an index derived from the area under a neutrophil curve as a predictor of surgical site infection after spinal surgery. BMC Surgery, 2021, 21, 354.	0.6	0
32	The 5-question Geriatric Locomotive Function Scale predicts postoperative fall risk in patients undergoing surgery for degenerative cervical myelopathy. Journal of Orthopaedic Science, 2021, 26, 779-785.	0.5	3
33	Predictive Factors Affecting Surgical Outcomes in Patients with Degenerative Lumbar Spondylolisthesis. Spine, 2021, 46, 610-616.	1.0	8
34	Risk factors for subsequent vertebral fracture after acute osteoporotic vertebral fractures. European Spine Journal, 2021, 30, 2698-2707.	1.0	15
35	A Prospective Cohort Study of Dysphagia After Subaxial Cervical Spine Surgery. Spine, 2021, 46, 492-498.	1.0	11
36	Comparison of Lateral Lumbar Interbody Fusion and Posterior Lumbar Interbody Fusion as Corrective Surgery for Patients with Adult Spinal Deformityâ€”A Propensity Score Matching Analysis. Journal of Clinical Medicine, 2021, 10, 4737.	1.0	8

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37	Hydroxyapatite/collagen composite graft for posterior lumbar interbody fusion: a comparison with local bone graft. Journal of Orthopaedic Surgery and Research, 2021, 16, 639.	0.9	8
38	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.	1.0	2
39	Surgery with or without Fusion for Lumbar Spondylolisthesis. New England Journal of Medicine, 2021, 385, 1823-1824.	13.9	0
40	Anterior Cervical Corpectomy with Fusion versus Anterior Hybrid Fusion Surgery for Patients with Severe Ossification of the Posterior Longitudinal Ligament Involving Three or More Levels: A Retrospective Comparative Study. Journal of Clinical Medicine, 2021, 10, 5315.	1.0	8
41	Time Course of Acute Vertebral Fractures: A Prospective Multicenter Cohort Study. Journal of Clinical Medicine, 2021, 10, 5961.	1.0	5
42	Perioperative Complications of Laminoplasty in Degenerative Cervical Myelopathy -A Comparative Study Between Ossification of Posterior Longitudinal Ligament and Cervical Spondylotic Myelopathy Using a Nationwide Inpatient Database. Global Spine Journal, 2021, , 219256822110638.	1.2	3
43	The long noncoding RNA Crnde regulates osteoblast proliferation through the Wnt/Î²-catenin signaling pathway in mice. Bone, 2020, 130, 115076.	1.4	34
44	Effectiveness of Surgical Treatment for Degenerative Cervical Myelopathy in Preventing Falls and Fall-related Neurological Deterioration. Spine, 2020, 45, E631-E638.	1.0	11
45	Body Mass Index and Modified Glasgow Prognostic Score Are Useful Predictors of Surgical Site Infection After Spinal Instrumentation Surgery. Spine, 2020, 45, E148-E154.	1.0	20
46	Comparison of Clinical and Radiographic Outcomes of Laminoplasty, Anterior Decompression With Fusion, and Posterior Decompression With Fusion for Degenerative Cervical Myelopathy. Spine, 2020, 45, E1342-E1348.	1.0	14
47	Preoperative risk factors for delirium in patients aged â‰¥75 years undergoing spinal surgery: a retrospective study. Journal of International Medical Research, 2020, 48, 030006052096121.	0.4	11
48	Risk factors related to perioperative systemic complications and mortality in elderly patients with osteoporotic vertebral fracturesâ€”analysis of a large national inpatient database. Journal of Orthopaedic Surgery and Research, 2020, 15, 518.	0.9	7
49	Comparison of Perioperative Complications in Anterior Decompression With Fusion and Posterior Decompression With Fusion for Cervical Ossification of the Posterior Longitudinal Ligament. Spine, 2020, 45, E1006-E1012.	1.0	21
50	Cyclin-Dependent Kinase 1 Is Essential for Muscle Regeneration and Overload Muscle Fiber Hypertrophy. Frontiers in Cell and Developmental Biology, 2020, 8, 564581.	1.8	17
51	Prognostic factors for neurological outcome after anterior decompression and fusion for proximal-type cervical spondylotic amyotrophy â€“ A retrospective analysis of 77 cases. Journal of Orthopaedic Science, 2020, 26, 733-738.	0.5	1
52	Identification of Predictive Factors for Mechanical Complications After Adult Spinal Deformity Surgery. Spine, 2020, 45, 1185-1192.	1.0	21
53	To The Editor. Spine, 2020, 45, E415-E416.	1.0	0
54	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.	1.0	6

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55	Postoperative lymphocyte percentage and neutrophilâ€“lymphocyte ratio are useful markers for the early prediction of surgical site infection in spinal decompression surgery. Journal of Orthopaedic Surgery, 2020, 28, 230949902091840.	0.4	22
56	Risk Factors of Nonunion After Acute Osteoporotic Vertebral Fractures. Spine, 2020, 45, 895-902.	1.0	21
57	Surgical stabilization of spinal metastasis in diffuse idiopathic skeletal hyperostosis (â€œMets-on-DISHâ€). Medicine (United States), 2020, 99, e20397.	0.4	1
58	Comparison of Perioperative Complications Between Anterior Fusion and Posterior Fusion for Osteoporotic Vertebral Fractures in Elderly Patients. Clinical Spine Surgery, 2020, 33, E586-E592.	0.7	10
59	Preoperative Risk Factors for Adjacent Segment Degeneration after Two-Level Floating Posterior Fusion at L3-L5. Spine Surgery and Related Research, 2020, 4, 43-49.	0.4	4
60	Increased Height of Fused Segments Contributes to Early-Phase Strut Subsidence after Anterior Cervical Corpectomy with Fusion for Multilevel Ossification of the Posterior Longitudinal Ligament. Spine Surgery and Related Research, 2020, 4, 294-299.	0.4	3
61	Surgical outcomes for distal-type cervical spondylotic amyotrophy: a multicenter retrospective analysis of 43 cases. European Spine Journal, 2019, 28, 2333-2341.	1.0	1
62	Clinical Outcomes of Surgical Treatment for Arachnoid Web: A Case Series. Spine Surgery and Related Research, 2019, 3, 43-48.	0.4	21
63	Retrospective analysis of surgical outcomes for atlantoaxial subluxation. Journal of Orthopaedic Surgery and Research, 2019, 14, 75.	0.9	7
64	Comparison of Rigid and Soft-Brace Treatments for Acute Osteoporotic Vertebral Compression Fracture: A Prospective, Randomized, Multicenter Study. Journal of Clinical Medicine, 2019, 8, 198.	1.0	33
65	Cervical Spinal Cord Injury Associated With Neck Flexion in Posterior Cervical Decompression. Clinical Spine Surgery, 2019, 32, E221-E227.	0.7	6
66	Thoracic myelopathy caused by an extremely rare aberrant epidural ligament. Medicine (United States), 2019, 98, e17344.	0.4	0
67	Is Modified K-line a Powerful Tool of Surgical Decision Making for Patients With Cervical Spondylotic Myelopathy?. Clinical Spine Surgery, 2019, 32, 351-356.	0.7	13
68	Procalcitonin and Neutrophil Lymphocyte Ratio After Spinal Instrumentation Surgery. Spine, 2019, 44, E1356-E1361.	1.0	20
69	The 25-question Geriatric Locomotive Function Scale predicts the risk of recurrent falls in postoperative patients with cervical myelopathy. Journal of Orthopaedic Science, 2018, 23, 185-189.	0.5	12
70	Surgical outcomes for lumbar spinal canal stenosis with coexisting cervical stenosis (tandem spinal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 60.	0.9	22
71	The impact of sarcopenia on the results of lumbar spinal surgery. Osteoporosis and Sarcopenia, 2018, 4, 33-36.	0.7	29
72	Bone Turnover Markers as a New Predicting Factor for Nonunion After Spinal Fusion Surgery. Spine, 2018, 43, E29-E34.	1.0	32

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73	Clinical Outcomes of Cervical Spinal Surgery for Cervical Myelopathic Patients With Coexisting Lumbar Spinal Canal Stenosis (Tandem Spinal Stenosis). Spine, 2018, 43, E234-E241.	1.0	19
74	Long-term results of a prospective study of anterior decompression with fusion and posterior decompression with laminoplasty for treatment of cervical spondylotic myelopathy. Journal of Orthopaedic Science, 2018, 23, 32-38.	0.5	24
75	Revision Surgery for Short Segment Fusion Influences Postoperative Low Back Pain and Lower Extremity Pain: A Retrospective Single-Center Study of Patient-Based Evaluation. Spine Surgery and Related Research, 2018, 2, 215-220.	0.4	0
76	Loss of cyclin-dependent kinase 1 impairs bone formation, but does not affect the bone-anabolic effects of parathyroid hormone. Journal of Biological Chemistry, 2018, 293, 19387-19399.	1.6	13
77	Clinical and radiologic outcomes of bone grafted and non-bone grafted double-door laminoplasty, the modified Kirita-Miyazaki method, for treatment of cervical spondylotic myelopathy: Five-year follow-up. Journal of Orthopaedic Science, 2018, 23, 923-928.	0.5	3
78	A Prospective Comparative Study in Skin Antiseptic Solutions for Posterior Spine Surgeries. Clinical Spine Surgery, 2018, 31, E353-E356.	0.7	12
79	Comparison of Decompression, Decompression Plus Fusion, and Decompression Plus Stabilization for Degenerative Spondylolisthesis. Clinical Spine Surgery, 2018, 31, E347-E352.	0.7	59
80	A foreign body granuloma after the usage of polyglycolic acid mesh and fibrin glue for dural repair. A case report. Journal of Orthopaedic Science, 2017, 22, 371-374.	0.5	3
81	Intraoperative evaluation using mobile computed tomography in anterior cervical decompression with floating method for massive ossification of the posterior longitudinal ligament. Journal of Orthopaedic Surgery and Research, 2017, 12, 12.	0.9	26
82	Anterior Cervical Corpectomy and Fusion Using a Synthetic Hydroxyapatite Graft for Ossification of the Posterior Longitudinal Ligament. Orthopedics, 2017, 40, e334-e339.	0.5	9
83	Cervical pedicle screw placement using intraoperative computed tomography imaging with a mobile scanner gantry. European Spine Journal, 2016, 25, 1690-1697.	1.0	19
84	Anterior decompression with fusion versus posterior decompression with fusion for massive cervical ossification of the posterior longitudinal ligament with a â‰¥50% canal occupying ratio: a multicenter retrospective study. Spine Journal, 2016, 16, 1351-1357.	0.6	58
85	The Indispensable Role of Cyclin-Dependent Kinase 1 in Skeletal Development. Scientific Reports, 2016, 6, 20622.	1.6	24
86	Drain Tip Culture is Not Prognostic for Surgical Site Infection in Spinal Surgery Under Prophylactic Use of Antibiotics. Spine, 2016, 41, 1179-1184.	1.0	15
87	Clinical Outcomes of Spinal Surgery for Patients Undergoing Hemodialysis. Orthopedics, 2016, 39, e863-8.	0.5	14
88	MicroRNAâ€145 regulates osteoblastic differentiation by targeting the transcription factor Cbfb. FEBS Letters, 2015, 589, 3302-3308.	1.3	44
89	Lumbosacral pedicle screw placement using a fluoroscopic pedicle axis view and a cannulated tapping device. Journal of Orthopaedic Surgery and Research, 2015, 10, 79.	0.9	13
90	Dynamic Changes in Spinal Cord Compression by Cervical Ossification of the Posterior Longitudinal Ligament Evaluated by Kinematic Computed Tomography Myelography. Spine, 2014, 39, 113-119.	1.0	25

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91	Spinal deformity caused by hyperimmunoglobulin E syndrome. Journal of Neurosurgery: Spine, 2014, 21, 292-295.	0.9	3
92	Modified K-line in Magnetic Resonance Imaging Predicts Clinical Outcome in Patients With Nonlordotic Alignment After Laminoplasty for Cervical Spondylotic Myelopathy. Spine, 2014, 39, E1261-E1268.	1.0	52
93	Efficacy of Biphasic Transcranial Electric Stimulation in Intraoperative Motor Evoked Potential Monitoring for Cervical Compression Myelopathy. Spine, 2014, 39, E159-E165.	1.0	11
94	Combined surgical and radiosurgical treatment for a symptomatic cervical metastasis in a case of malignant paraganglioma: a case report. BMC Research Notes, 2013, 6, 494.	0.6	7
95	Dural closure for the treatment of superficial siderosis. Journal of Neurosurgery: Spine, 2013, 18, 388-393.	0.9	40
96	Porous/Dense Composite Hydroxyapatite for Anterior Cervical Discectomy and Fusion. Spine, 2013, 38, 833-840.	1.0	15
97	Modified K-Line in Magnetic Resonance Imaging Predicts Insufficient Decompression of Cervical Laminoplasty. Spine, 2013, 38, 496-501.	1.0	65
98	miR-34s inhibit osteoblast proliferation and differentiation in the mouse by targeting SATB2. Journal of Cell Biology, 2012, 197, 509-521.	2.3	215
99	Warning Thresholds on the Basis of Origin of Amplitude Changes in Transcranial Electrical Motor-Evoked Potential Monitoring for Cervical Compression Myelopathy. Spine, 2012, 37, E913-E921.	1.0	32
100	Runx2 Haploinsufficiency Ameliorates the Development of Ossification of the Posterior Longitudinal Ligament. PLoS ONE, 2012, 7, e43372.	1.1	12
101	Vertebral Locking Lesion Following Cervical Spine Fracture in Ankylosing Spondylitis. Orthopedics, 2012, 35, e1005-8.	0.5	0
102	miR-34s inhibit osteoblast proliferation and differentiation in the mouse by targeting SATB2. Journal of Experimental Medicine, 2012, 209, i10-i10.	4.2	0
103	Efficacy of serotonin inhibition in mouse models of bone loss. Journal of Bone and Mineral Research, 2011, 26, 2002-2011.	3.1	61
104	Runx1 and Runx2 cooperate during sternal morphogenesis. Development (Cambridge), 2010, 137, 1159-1167.	1.2	83
105	A microRNA regulatory mechanism of osteoblast differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20794-20799.	3.3	273
106	Central control of bone remodeling by neuromedin U. Nature Medicine, 2007, 13, 1234-1240.	15.2	177
107	Case Report: Dural Dissection With Ventral Spinal Fluid-Filled Collection in Superficial Siderosis: Insights Into the Pathology From Anterior-Approached Surgical Cases. Frontiers in Neurology, 0, 13, .	1.1	2