

Hiroyuki Inose

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9189791/publications.pdf>

Version: 2024-02-01

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	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
2	miR-34s inhibit osteoblast proliferation and differentiation in the mouse by targeting SATB2. Journal of Cell Biology, 2012, 197, 509-521.	2.3	215
3	Central control of bone remodeling by neuromedin U. Nature Medicine, 2007, 13, 1234-1240.	15.2	177
4	Runx1 and Runx2 cooperate during sternal morphogenesis. Development (Cambridge), 2010, 137, 1159-1167.	1.2	83
5	Modified K-Line in Magnetic Resonance Imaging Predicts Insufficient Decompression of Cervical Laminoplasty. Spine, 2013, 38, 496-501.	1.0	65
6	Efficacy of serotonin inhibition in mouse models of bone loss. Journal of Bone and Mineral Research, 2011, 26, 2002-2011.	3.1	61
7	Comparison of Decompression, Decompression Plus Fusion, and Decompression Plus Stabilization for Degenerative Spondylolisthesis. Clinical Spine Surgery, 2018, 31, E347-E352.	0.7	59
8	Anterior decompression with fusion versus posterior decompression with fusion for massive cervical ossification of the posterior longitudinal ligament with a $\geq 50\%$ canal occupying ratio: a multicenter retrospective study. Spine Journal, 2016, 16, 1351-1357.	0.6	58
9	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
10	MicroRNA-145 regulates osteoblastic differentiation by targeting the transcription factor Cbfb. FEBS Letters, 2015, 589, 3302-3308.	1.3	44
11	Dural closure for the treatment of superficial siderosis. Journal of Neurosurgery: Spine, 2013, 18, 388-393.	0.9	40
12	The long noncoding RNA Crnde regulates osteoblast proliferation through the Wnt/ β 2-catenin signaling pathway in mice. Bone, 2020, 130, 115076.	1.4	34
13	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
14	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
15	Bone Turnover Markers as a New Predicting Factor for Nonunion After Spinal Fusion Surgery. Spine, 2018, 43, E29-E34.	1.0	32
16	The impact of sarcopenia on the results of lumbar spinal surgery. Osteoporosis and Sarcopenia, 2018, 4, 33-36.	0.7	29
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Using artificial intelligence to diagnose fresh osteoporotic vertebral fractures on magnetic resonance images. <i>Spine Journal</i> , 2021, 21, 1652-1658.	0.6	25
20	The Indispensable Role of Cyclin-Dependent Kinase 1 in Skeletal Development. <i>Scientific Reports</i> , 2016, 6, 20622.	1.6	24
21	Long-term results of a prospective study of anterior decompression with fusion and posterior decompression with laminoplasty for treatment of cervical spondylotic myelopathy. <i>Journal of Orthopaedic Science</i> , 2018, 23, 32-38.	0.5	24
22	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
23	Postoperative lymphocyte percentage and neutrophilâ€“lymphocyte ratio are useful markers for the early prediction of surgical site infection in spinal decompression surgery. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902091840.	0.4	22
24	Clinical Outcomes of Surgical Treatment for Arachnoid Web: A Case Series. <i>Spine Surgery and Related Research</i> , 2019, 3, 43-48.	0.4	21
25	Comparison of Perioperative Complications in Anterior Decompression With Fusion and Posterior Decompression With Fusion for Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2020, 45, E1006-E1012.	1.0	21
26	Identification of Predictive Factors for Mechanical Complications After Adult Spinal Deformity Surgery. <i>Spine</i> , 2020, 45, 1185-1192.	1.0	21
27	Risk Factors of Nonunion After Acute Osteoporotic Vertebral Fractures. <i>Spine</i> , 2020, 45, 895-902.	1.0	21
28	Procalcitonin and Neutrophil Lymphocyte Ratio After Spinal Instrumentation Surgery. <i>Spine</i> , 2019, 44, E1356-E1361.	1.0	20
29	Body Mass Index and Modified Glasgow Prognostic Score Are Useful Predictors of Surgical Site Infection After Spinal Instrumentation Surgery. <i>Spine</i> , 2020, 45, E148-E154.	1.0	20
30	Cervical pedicle screw placement using intraoperative computed tomography imaging with a mobile scanner gantry. <i>European Spine Journal</i> , 2016, 25, 1690-1697.	1.0	19
31	Clinical Outcomes of Cervical Spinal Surgery for Cervical Myelopathic Patients With Coexisting Lumbar Spinal Canal Stenosis (Tandem Spinal Stenosis). <i>Spine</i> , 2018, 43, E234-E241.	1.0	19
32	Cyclin-Dependent Kinase 1 Is Essential for Muscle Regeneration and Overload Muscle Fiber Hypertrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 564581.	1.8	17
33	Porous/Dense Composite Hydroxyapatite for Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2013, 38, 833-840.	1.0	15
34	Drain Tip Culture is Not Prognostic for Surgical Site Infection in Spinal Surgery Under Prophylactic Use of Antibiotics. <i>Spine</i> , 2016, 41, 1179-1184.	1.0	15
35	Risk factors for subsequent vertebral fracture after acute osteoporotic vertebral fractures. <i>European Spine Journal</i> , 2021, 30, 2698-2707.	1.0	15
36	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.	1.0	14

#	ARTICLE	IF	CITATIONS
37	Clinical Outcomes of Spinal Surgery for Patients Undergoing Hemodialysis. <i>Orthopedics</i> , 2016, 39, e863-8.	0.5	14
38	Lumbosacral pedicle screw placement using a fluoroscopic pedicle axis view and a cannulated tapping device. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 79.	0.9	13
39	Loss of cyclin-dependent kinase 1 impairs bone formation, but does not affect the bone-anabolic effects of parathyroid hormone. <i>Journal of Biological Chemistry</i> , 2018, 293, 19387-19399.	1.6	13
40	Is Modified K-line a Powerful Tool of Surgical Decision Making for Patients With Cervical Spondylotic Myelopathy?. <i>Clinical Spine Surgery</i> , 2019, 32, 351-356.	0.7	13
41	Runx2 Haploinsufficiency Ameliorates the Development of Ossification of the Posterior Longitudinal Ligament. <i>PLoS ONE</i> , 2012, 7, e43372.	1.1	12
42	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.	0.5	12
43	A Prospective Comparative Study in Skin Antiseptic Solutions for Posterior Spine Surgeries. <i>Clinical Spine Surgery</i> , 2018, 31, E353-E356.	0.7	12
44	Efficacy of Biphasic Transcranial Electric Stimulation in Intraoperative Motor Evoked Potential Monitoring for Cervical Compression Myelopathy. <i>Spine</i> , 2014, 39, E159-E165.	1.0	11
45	Effectiveness of Surgical Treatment for Degenerative Cervical Myelopathy in Preventing Falls and Fall-related Neurological Deterioration. <i>Spine</i> , 2020, 45, E631-E638.	1.0	11
46	Preoperative risk factors for delirium in patients aged ≥75 years undergoing spinal surgery: a retrospective study. <i>Journal of International Medical Research</i> , 2020, 48, 030006052096121.	0.4	11
47	A Prospective Cohort Study of Dysphagia After Subaxial Cervical Spine Surgery. <i>Spine</i> , 2021, 46, 492-498.	1.0	11
48	Comparison of decompression, decompression plus fusion, and decompression plus stabilization: a long-term follow-up of a prospective, randomized study. <i>Spine Journal</i> , 2022, 22, 747-755.	0.6	11
49	Comparison of Perioperative Complications Between Anterior Fusion and Posterior Fusion for Osteoporotic Vertebral Fractures in Elderly Patients. <i>Clinical Spine Surgery</i> , 2020, 33, E586-E592.	0.7	10
50	Anterior Cervical Corpectomy and Fusion Using a Synthetic Hydroxyapatite Graft for Ossification of the Posterior Longitudinal Ligament. <i>Orthopedics</i> , 2017, 40, e334-e339.	0.5	9
51	Comparison of Perioperative Complications in Anterior Decompression With Fusion and Posterior Decompression With Fusion for Cervical Spondylotic Myelopathy. <i>Clinical Spine Surgery</i> , 2021, 34, E425-E431.	0.7	9
52	Predictive Factors Affecting Surgical Outcomes in Patients with Degenerative Lumbar Spondylolisthesis. <i>Spine</i> , 2021, 46, 610-616.	1.0	8
53	Comparison of Lateral Lumbar Interbody Fusion and Posterior Lumbar Interbody Fusion as Corrective Surgery for Patients with Adult Spinal Deformity—A Propensity Score Matching Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4737.	1.0	8
54	Hydroxyapatite/collagen composite graft for posterior lumbar interbody fusion: a comparison with local bone graft. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 639.	0.9	8

#	ARTICLE	IF	CITATIONS
55	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. <i>Journal of Clinical Medicine</i> , 2021, 10, 5315.	1.0	8
56	The Real-World Effect of 12-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. <i>JBMR Plus</i> , 2022, 6, .	1.3	8
57	Combined surgical and radiosurgical treatment for a symptomatic cervical metastasis in a case of malignant paraganglioma: a case report. <i>BMC Research Notes</i> , 2013, 6, 494.	0.6	7
58	Retrospective analysis of surgical outcomes for atlantoaxial subluxation. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 75.	0.9	7
59	Risk factors related to perioperative systemic complications and mortality in elderly patients with osteoporotic vertebral fractures—analysis of a large national inpatient database. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 518.	0.9	7
60	Comparative analysis of clinical factors associated with pedicle screw pull-out during or immediately after surgery between intraoperative cone-beam computed tomography and postoperative computed tomography. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 55.	0.8	7
61	Cervical Spinal Cord Injury Associated With Neck Flexion in Posterior Cervical Decompression. <i>Clinical Spine Surgery</i> , 2019, 32, E221-E227.	0.7	6
62	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.	1.0	6
63	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.	1.0	6
64	Predictors of residual low back pain after acute osteoporotic compression fracture. <i>Journal of Orthopaedic Science</i> , 2021, 26, 453-458.	0.5	6
65	Intradiscal Injection with Chondriase (Chondroitin Sulfate ABC Endolyase) for Painful Radiculopathy Caused by Lumbar Disc Herniation. <i>Spine Surgery and Related Research</i> , 2022, 6, 252-260.	0.4	6
66	Foxf2 represses bone formation via Wnt2b/ β 2-catenin signaling. <i>Experimental and Molecular Medicine</i> , 2022, 54, 753-764.	3.2	6
67	Factors Negatively Influencing Postoperative Improvement After Laminoplasty in Degenerative Cervical Myelopathy. <i>Clinical Spine Surgery</i> , 2022, 35, E230-E235.	0.7	5
68	K-Line Tilt is a Predictor of Postoperative Kyphotic Deformity After Laminoplasty for Cervical Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , 2023, 13, 1005-1010.	1.2	5
69	Impact of preoperative cervical sagittal alignment for cervical myelopathy caused by ossification of the posterior longitudinal ligament on surgical treatment. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1208-1214.	0.5	5
70	Time Course of Acute Vertebral Fractures: A Prospective Multicenter Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5961.	1.0	5
71	Risk factors for recurrence and regrowth of spinal schwannoma. <i>Journal of Orthopaedic Science</i> , 2023, 28, 554-559.	0.5	5
72	Laminar Closure in Double-door Laminoplasty for Cervical Spondylotic Myelopathy with Nonkyphotic Alignment. <i>Spine</i> , 2021, 46, 999-1006.	1.0	4

#	ARTICLE	IF	CITATIONS
73	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.	1.0	4
74	Preoperative Risk Factors for Adjacent Segment Degeneration after Two-Level Floating Posterior Fusion at L3-L5. <i>Spine Surgery and Related Research</i> , 2020, 4, 43-49.	0.4	4
75	Detecting ossification of the posterior longitudinal ligament on plain radiographs using a deep convolutional neural network: a pilot study. <i>Spine Journal</i> , 2022, 22, 934-940.	0.6	4
76	Factors Contributing to Residual Low Back Pain after Osteoporotic Vertebral Fractures. <i>Journal of Clinical Medicine</i> , 2022, 11, 1566.	1.0	4
77	Spinal deformity caused by hyperimmunoglobulin E syndrome. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 292-295.	0.9	3
78	A foreign body granuloma after the usage of polyglycolic acid mesh and fibrin glue for dural repair. A case report. <i>Journal of Orthopaedic Science</i> , 2017, 22, 371-374.	0.5	3
79	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. <i>Journal of Orthopaedic Science</i> , 2018, 23, 923-928.	0.5	3
80	Predictors for quality of life improvement after acute osteoporotic vertebral fracture: results of post hoc analysis of a prospective randomized study. <i>Quality of Life Research</i> , 2021, 30, 129-135.	1.5	3
81	Predictors associated with neurological recovery after anterior decompression with fusion for degenerative cervical myelopathy. <i>BMC Surgery</i> , 2021, 21, 144.	0.6	3
82	Sagittal alignment changes and postoperative complications following surgery for adult spinal deformity in patients with Parkinson's disease: a multi-institutional retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 357.	0.8	3
83	A comparative study of surgical outcomes between anterior cervical discectomy with fusion and selective laminoplasty for cervical spondylotic myelopathy. <i>Journal of Orthopaedic Science</i> , 2021, , .	0.5	3
84	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.	0.5	3
85	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. <i>Spine Surgery and Related Research</i> , 2020, 4, 294-299.	0.4	3
86	Local Suppression Effect of Paclitaxel-Impregnated Hydroxyapatite/Collagen on Breast Cancer Bone Metastasis in a Rat Model. <i>Spine Surgery and Related Research</i> , 2022, 6, 294-302.	0.4	3
87	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. <i>Global Spine Journal</i> , 2021, , 219256822110638.	1.2	3
88	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.	1.0	2
89	Early Experiences of One-Level Total Disc Replacement (Prestige LP) in Japan: A Comparison of Short-Term Outcomes with Anterior Cervical Discectomy with Fusion. <i>Spine Surgery and Related Research</i> , 2022, 6, 581-588.	0.4	2
90	Perioperative Complications of Anterior Decompression with Fusion in Degenerative Cervical Myelopathy—A Comparative Study between Ossification of Posterior Longitudinal Ligament and Cervical Spondylotic Myelopathy Using a Nationwide Inpatient Database. <i>Journal of Clinical Medicine</i> , 2022, 11, 3398.	1.0	2

#	ARTICLE	IF	CITATIONS
91	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.	1.0	2
92	Case Report: Dural Dissection With Ventral Spinal Fluid-Filled Collection in Superficial Siderosis: Insights Into the Pathology From Anterior-Approached Surgical Cases. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
93	Surgical outcomes for distal-type cervical spondylotic amyotrophy: a multicenter retrospective analysis of 43 cases. <i>European Spine Journal</i> , 2019, 28, 2333-2341.	1.0	1
94	Prognostic factors for neurological outcome after anterior decompression and fusion for proximal-type cervical spondylotic amyotrophy – A retrospective analysis of 77 cases. <i>Journal of Orthopaedic Science</i> , 2020, 26, 733-738.	0.5	1
95	Surgical stabilization of spinal metastasis in diffuse idiopathic skeletal hyperostosis (‐Mets-on-DISH‐). <i>Medicine (United States)</i> , 2020, 99, e20397.	0.4	1
96	Predictors of Falls in Patients with Degenerative Cervical Myelopathy: A Prospective Multi-institutional Study. <i>Spine</i> , 2021, 46, 1007-1013.	1.0	1
97	Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 357.	3.8	1
98	Surgical Strategy for Osteoid Osteoma Localized in Anterior Lumbar Vertebral Body: A Case Report. <i>Spine Surgery and Related Research</i> , 2022, 6, 408-411.	0.4	1
99	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. <i>Journal of Orthopaedic Science</i> , 2023, 28, 302-307.	0.5	1
100	Revision Surgery for Short Segment Fusion Influences Postoperative Low Back Pain and Lower Extremity Pain: A Retrospective Single-Center Study of Patient-Based Evaluation. <i>Spine Surgery and Related Research</i> , 2018, 2, 215-220.	0.4	0
101	Thoracic myelopathy caused by an extremely rare aberrant epidural ligament. <i>Medicine (United States)</i> , 2019, 98, e17344.	0.4	0
102	To The Editor. <i>Spine</i> , 2020, 45, E415-E416.	1.0	0
103	Application of an index derived from the area under a neutrophil curve as a predictor of surgical site infection after spinal surgery. <i>BMC Surgery</i> , 2021, 21, 354.	0.6	0
104	Vertebral Locking Lesion Following Cervical Spine Fracture in Ankylosing Spondylitis. <i>Orthopedics</i> , 2012, 35, e1005-8.	0.5	0
105	miR-34s inhibit osteoblast proliferation and differentiation in the mouse by targeting SATB2. <i>Journal of Experimental Medicine</i> , 2012, 209, i10-i10.	4.2	0
106	Surgery with or without Fusion for Lumbar Spondylolisthesis. <i>New England Journal of Medicine</i> , 2021, 385, 1823-1824.	13.9	0
107	Factors contributing to neck pain in patients with degenerative cervical myelopathy: A prospective multicenter study. <i>Journal of Orthopaedic Surgery</i> , 2022, 30, 102255362210918.	0.4	0