

Nobuyuki Fujita

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,212
citations

567281

15
h-index

414414

32
g-index

77
all docs

77
docs citations

77
times ranked

1489
citing authors

#	ARTICLE	IF	CITATIONS
1	Excessive reactive oxygen species are therapeutic targets for intervertebral disc degeneration. <i>Arthritis Research and Therapy</i> , 2015, 17, 316.	3.5	173
2	Inflammatory Cytokines Associated with Degenerative Disc Disease Control Aggrecanase-1 (ADAMTS-4) Expression in Nucleus Pulposus Cells through MAPK and NF- κ B. <i>American Journal of Pathology</i> , 2013, 182, 2310-2321.	3.8	171
3	CD24 is expressed specifically in the nucleus pulposus of intervertebral discs. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1890-1896.	2.1	130
4	Vascular endothelial growth factor-A is a survival factor for nucleus pulposus cells in the intervertebral disc. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 367-372.	2.1	71
5	Impact of Frailty and Comorbidities on Surgical Outcomes and Complications in Adult Spinal Disorders. <i>Spine</i> , 2018, 43, 1259-1267.	2.0	67
6	Potential Involvement of the IL-6/JAK/STAT3 Pathway in the Pathogenesis of Intervertebral Disc Degeneration. <i>Spine</i> , 2017, 42, E817-E824.	2.0	37
7	Potential Involvement of Obesity-Associated Chronic Inflammation in the Pathogenesis of Idiopathic Spinal Epidural Lipomatosis. <i>Spine</i> , 2016, 41, E1402-E1407.	2.0	33
8	Spinal epidural lipomatosis is a previously unrecognized manifestation of metabolic syndrome. <i>Spine Journal</i> , 2019, 19, 493-500.	1.3	30
9	The unfolded protein response mediated by PERK is casually related to the pathogenesis of intervertebral disc degeneration. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1334-1345.	2.3	26
10	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
11	Lumbar spinal canal stenosis leads to locomotive syndrome in elderly patients. <i>Journal of Orthopaedic Science</i> , 2019, 24, 19-23.	1.1	25
12	Surgical risk stratification based on preoperative risk factors in adult spinal deformity. <i>Spine Journal</i> , 2019, 19, 816-826.	1.3	24
13	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
14	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
15	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
16	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
17	The effectiveness of chemonucleolysis with condoliase for treatment of painful lumbar disc herniation. <i>Journal of Orthopaedic Science</i> , 2021, 26, 548-554.	1.1	17
18	Idiopathic Spinal Epidural Fat Accumulation Is Associated With Hyperlipidemia. <i>Spine</i> , 2018, 43, E468-E473.	2.0	15

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19	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
20	Metabolic Syndrome is a Predisposing Factor for Diffuse Idiopathic Skeletal Hyperostosis. <i>Neurospine</i> , 2021, 18, 109-116.	2.9	14
21	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
22	Potential association of metabolic and musculoskeletal disorders with lumbar intervertebral disc degeneration: Cross-sectional study using medical checkup data. <i>Journal of Orthopaedic Science</i> , 2020, 25, 384-388.	1.1	13
23	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
24	Collagen profiling of ligamentum flavum in patients with lumbar spinal canal stenosis. <i>Journal of Orthopaedic Science</i> , 2020, 26, 560-565.	1.1	11
25	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
26	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
27	Clinical outcomes and a therapeutic indication of intramedullary spinal cord astrocytoma. <i>Spinal Cord</i> , 2022, 60, 216-222.	1.9	10
28	Tenosynovial giant cell tumor of the cervical spine: a case report. <i>Spinal Cord Series and Cases</i> , 2019, 5, 23.	0.6	9
29	Effectiveness of Duloxetine for Postsurgical Chronic Neuropathic Disorders after Spine and Spinal Cord Surgery. <i>Asian Spine Journal</i> , 2021, 15, 650-658.	2.0	9
30	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
31	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
32	Potential involvement of semaphorin 3A in maintaining intervertebral disc tissue homeostasis. <i>Journal of Orthopaedic Research</i> , 2019, 37, 972-980.	2.3	8
33	Lumbar Spinal Canal Stenosis from the Perspective of Locomotive Syndrome and Metabolic Syndrome: A Narrative Review. <i>Spine Surgery and Related Research</i> , 2021, 5, 61-67.	0.7	8
34	Preoperative prevalence of deep vein thrombosis in patients scheduled to have surgery for degenerative musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 513.	1.9	8
35	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
36	Quantitative analysis of intervertebral disc degeneration using Q&space imaging in a rat model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2220-2229.	2.3	7

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37	Limited Cost Benefit of Lateral Interbody Fusion for Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, 48-53.	2.0	7
38	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
39	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
40	Increased sorbitol levels in the hypertrophic ligamentum flavum of diabetic patients with lumbar spinal canal stenosis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1058-1066.	2.3	5
41	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
42	Imaging Characteristics and Surgical Outcomes in Patients With Intraspinal Solitary Fibrous Tumor/Hemangiopericytoma: A Retrospective Cohort Study. <i>Global Spine Journal</i> , 2021, , 219256822199479.	2.3	5
43	Poor Prognostic Factors for Surgical Treatment of Spinal Intramedullary Ependymoma (World Health) Tj ETQq1 1 0,784314 rgBT /Ove	2.0	5
44	Chordomaâ€derived cell line Uâ€CH1â€N recapitulates the biological properties of notochordal nucleus pulposus cells. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1341-1350.	2.3	4
45	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
46	Concurrent dorsal subpial schwannoma and ventral meningioma arising at the same upper cervical level: a case report. <i>Spinal Cord Series and Cases</i> , 2020, 6, 64.	0.6	4
47	Which is better? Anterior or posterior referencing for femoral component position in total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110023.	1.0	4
48	The Long-term Impact of Whiplash Injuries on Patient Symptoms and the Associated Degenerative Changes Detected Using MRI. <i>Spine</i> , 2021, 46, 710-716.	2.0	4
49	Prescription drug survey of elderly patients with degenerative musculoskeletal disorders. <i>Geriatrics and Gerontology International</i> , 2022, 22, 121-126.	1.5	4
50	Myelopathy due to Spinal Extramedullary Hematopoiesis in a Patient with Polycythemia Vera. <i>Case Reports in Orthopedics</i> , 2017, 2017, 1-4.	0.3	3
51	Three-dimensional MRI of the median nerve in the carpal tunnel. <i>Journal of Hand Surgery: European Volume</i> , 2021, 46, 304-305.	1.0	3
52	Characterization of Patients with Poor Risk for Clinical Outcomes in Adult Symptomatic Lumbar Deformity Surgery. <i>Spine</i> , 2021, 46, 813-821.	2.0	3
53	<scp>T2</scp> mapping of the median nerve in patients with carpal tunnel syndrome and healthy volunteers. <i>Muscle and Nerve</i> , 2021, 63, 774-777.	2.2	3
54	Impact of musculoskeletal disorders on healthy life expectancy in Japan. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 661.	1.9	3

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55	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
56	Repeated magnetic resonance imaging at 6 follow-up visits over a 2-year period after platelet-rich plasma injection in patients with lateral epicondylitis. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 1581-1587.	2.6	3
57	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
58	A Rare Case of Proximal Junctional Failure with Delayed Infection after Adult Spinal Deformity Surgery: A Report of Two Cases. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-6.	0.3	2
59	Residual lumbar curvature that developed during adolescence accelerates intervertebral disc degeneration in adulthood. <i>Spine Deformity</i> , 2021, 9, 711-720.	1.5	2
60	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
61	Does Selective Posterior Correction and Fusion Surgery Influence Cervical Sagittal Alignment in Patient with Lenke Type 5 Adolescent Idiopathic Scoliosis? A 5-year Follow-up Retrospective Cohort Study. <i>Spine</i> , 2021, 46, E976-E984.	2.0	2
62	Circumferential Bone Fusion in Adult Spinal Deformity via Combination of Oblique Lateral Interbody Fusion and Grade 2 Posterior Column Osteotomy. <i>Global Spine Journal</i> , 2022, , 219256822110699.	2.3	2
63	Visualization of the morphological changes in the median nerve after carpal tunnel release using three-dimensional magnetic resonance imaging. <i>European Radiology</i> , 2022, , 1.	4.5	2
64	Impact of oxidized LDL/LOX-1 system on ligamentum flavum hypertrophy. <i>Journal of Orthopaedic Science</i> , 2022, , .	1.1	2
65	Neurological Deterioration After Hemivertebrectomy for Congenital Thoracic Kyphoscoliosis with Myelopathy. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
66	Spontaneous Reduction of Chiari Malformation and Syringomyelia After Posterior Spinal Fusion for Scoliosis. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
67	Posterior and Anterior Fusion for Severe Cervical Kyphosis in a Patient with Chondrodysplasia Punctata. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
68	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
69	Early-Onset Scoliosis Associated with Shprintzen-Goldberg Syndrome Treated with Growing Rods and Required Multiple Unplanned Surgeries: A Case Report. <i>Spine Surgery and Related Research</i> , 2021, 5, 214-217.	0.7	1
70	A case of open scapulothoracic dissociation with forequarter amputation. <i>JSES International</i> , 2021, 5, 846-849.	1.6	1
71	Internet survey on factors associated with care-seeking behaviours of people with chronic musculoskeletal pain in Japan. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110448.	1.0	1
72	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

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73	Intramedullary endodermal cyst including glial tissues in the spinal cord. Spinal Cord Series and Cases, 2020, 6, 37.	0.6	0
74	A rare case of dumbbell-shaped lymphoplasmacyte-rich meningioma arising at the upper cervical spinal cord. Journal of Orthopaedic Science, 2023, 28, 1439-1444.	1.1	0
75	Recurrence of cervical intramedullary gliofibroma. Spinal Cord Series and Cases, 2021, 7, 97.	0.6	0
76	Emergency Surgical Management of Lumbar Burst Fracture in a Patient with COVID-19: A Case Report. Spine Surgery and Related Research, 2022, 6, 314-317.	0.7	0