

Kota Watanabe

List of Publications by Year in descending order

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Version: 2024-02-01

148
papers

3,884
citations

136950

32
h-index

161849

54
g-index

149
all docs

149
docs citations

149
times ranked

3395
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic variants in GPR126 are associated with adolescent idiopathic scoliosis. <i>Nature Genetics</i> , 2013, 45, 676-679.	21.4	240
2	A genome-wide association study identifies common variants near LBX1 associated with adolescent idiopathic scoliosis. <i>Nature Genetics</i> , 2011, 43, 1237-1240.	21.4	233
3	Excessive reactive oxygen species are therapeutic targets for intervertebral disc degeneration. <i>Arthritis Research and Therapy</i> , 2015, 17, 316.	3.5	173
4	High preoperative hemoglobin A1c is a risk factor for surgical site infection after posterior thoracic and lumbar spinal instrumentation surgery. <i>Journal of Orthopaedic Science</i> , 2014, 19, 223-228.	1.1	131
5	Lumbar spinous process splitting laminectomy for lumbar canal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2005, 3, 405-408.	1.7	125
6	A Functional SNP in BNC2 Is Associated with Adolescent Idiopathic Scoliosis. <i>American Journal of Human Genetics</i> , 2015, 97, 337-342.	6.2	119
7	Postoperative Distal Adding-on and Related Factors in Lenke Type 1A Curve. <i>Spine</i> , 2013, 38, 737-744.	2.0	90
8	Impact of sagittal spinopelvic alignment on clinical outcomes after decompression surgery for lumbar spinal canal stenosis without coronal imbalance. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 451-458.	1.7	90
9	Reduced postoperative wound pain after lumbar spinous process splitting laminectomy for lumbar canal stenosis: a randomized controlled study. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 51-58.	1.7	85
10	Age-Related Changes of Thoracic and Cervical Intervertebral Discs in Asymptomatic Subjects. <i>Spine</i> , 2010, 35, 1359-1364.	2.0	84
11	The 5-Item Modified Frailty Index Is Predictive of Severe Adverse Events in Patients Undergoing Surgery for Adult Spinal Deformity. <i>Spine</i> , 2019, 44, E1083-E1091.	2.0	79
12	Low Bone-Mineral Density Is a Significant Risk for Proximal Junctional Failure After Surgical Correction of Adult Spinal Deformity. <i>Spine</i> , 2018, 43, 485-491.	2.0	70
13	Impact of Frailty and Comorbidities on Surgical Outcomes and Complications in Adult Spinal Disorders. <i>Spine</i> , 2018, 43, 1259-1267.	2.0	67
14	Comparison between Fetal Spinal-Cord- and Forebrain-Derived Neural Stem/Progenitor Cells as a Source of Transplantation for Spinal Cord Injury. <i>Developmental Neuroscience</i> , 2004, 26, 275-287.	2.0	62
15	TBX6-associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and TBX6 gene dosage model. <i>Genetics in Medicine</i> , 2019, 21, 1548-1558.	2.4	60
16	Identification of a Susceptibility Locus for Severe Adolescent Idiopathic Scoliosis on Chromosome 17q24.3. <i>PLoS ONE</i> , 2013, 8, e72802.	2.5	59
17	Risk Factors for Proximal Junctional Kyphosis Associated With Dual-rod Growing-rod Surgery for Early-onset Scoliosis. <i>Clinical Spine Surgery</i> , 2016, 29, E428-E433.	1.3	58
18	Association of Postoperative Shoulder Balance With Adding-on in Lenke Type II Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2014, 39, E705-E712.	2.0	57

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19	Establishment of three-dimensional culture of neural stem/progenitor cells in collagen Type-1 Gel. <i>Restorative Neurology and Neuroscience</i> , 2007, 25, 109-17.	0.7	51
20	Genome-wide association study identifies 14 previously unreported susceptibility loci for adolescent idiopathic scoliosis in Japanese. <i>Nature Communications</i> , 2019, 10, 3685.	12.8	47
21	Replication study of the association between adolescent idiopathic scoliosis and two estrogen receptor genes. <i>Journal of Orthopaedic Research</i> , 2011, 29, 834-837.	2.3	46
22	A Retrospective Cohort Study Comparing the Safety and Efficacy of Minimally Invasive Versus Open Surgical Techniques in the Treatment of Spinal Metastases. <i>Clinical Spine Surgery</i> , 2017, 30, E1082-E1087.	1.3	45
23	Factors Affecting the Postoperative Progression of Thoracic Kyphosis in Surgically Treated Adult Patients With Lumbar Degenerative Scoliosis. <i>Spine</i> , 2014, 39, E521-E528.	2.0	43
24	Physical Activities and Lifestyle Factors Related to Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 284-294.	3.0	42
25	Compound Heterozygosity for Null Mutations and a Common Hypomorphic Risk Haplotype in <i>TBX6</i> Causes Congenital Scoliosis. <i>Human Mutation</i> , 2017, 38, 317-323.	2.5	41
26	Ball tip technique for thoracic pedicle screw placement in patients with adolescent idiopathic scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 246-252.	1.7	40
27	Fine-tuning the Predictive Model for Proximal Junctional Failure in Surgically Treated Patients With Adult Spinal Deformity. <i>Spine</i> , 2018, 43, 767-773.	2.0	38
28	An Application of Artificial Intelligence to Diagnostic Imaging of Spine Disease: Estimating Spinal Alignment From MRI Images. <i>Neurospine</i> , 2019, 16, 697-702.	2.9	38
29	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
30	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
31	Postoperative shoulder imbalance in Lenke Type 1A adolescent idiopathic scoliosis and related factors. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 366.	1.9	36
32	Posterior Correction and Fusion Surgery Using Pedicle-Screw Constructs for Lenke Type 5C Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2015, 40, 25-30.	2.0	35
33	Genome-wide meta-analysis and replication studies in multiple ethnicities identify novel adolescent idiopathic scoliosis susceptibility loci. <i>Human Molecular Genetics</i> , 2018, 27, 3986-3998.	2.9	34
34	Long-term surgical outcomes of cervical dumbbell neurinomas. <i>Journal of Orthopaedic Science</i> , 2013, 18, 8-13.	1.1	33
35	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
36	CT-based morphological analysis of spinal fractures in patients with diffuse idiopathic skeletal hyperostosis. <i>Journal of Orthopaedic Science</i> , 2017, 22, 3-9.	1.1	33

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37	A multi-ethnic meta-analysis confirms the association of rs6570507 with adolescent idiopathic scoliosis. <i>Scientific Reports</i> , 2018, 8, 11575.	3.3	33
38	Spinal fractures in patients with Diffuse idiopathic skeletal hyperostosis:A nationwide multi-institution survey. <i>Journal of Orthopaedic Science</i> , 2019, 24, 601-606.	1.1	32
39	Predictive model for major complications 2Âyears after corrective spine surgery for adult spinal deformity. <i>European Spine Journal</i> , 2019, 28, 180-187.	2.2	32
40	Remodeling of C2 Facet Deformity Prevents Recurrent Subluxation in Patients With Chronic Atlantoaxial Rotatory Fixation. <i>Spine</i> , 2011, 36, E256-E262.	2.0	30
41	A Japanese nationwide multicenter survey on perioperative complications of corrective fusion for elderly patients with adult spinal deformity. <i>Journal of Orthopaedic Science</i> , 2017, 22, 237-242.	1.1	30
42	A functional variant in MIR4300HG, the host gene of microRNA MIR4300 is associated with progression of adolescent idiopathic scoliosis. <i>Human Molecular Genetics</i> , 2017, 26, 4086-4092.	2.9	30
43	Spinal epidural lipomatosis is a previously unrecognized manifestation of metabolic syndrome. <i>Spine Journal</i> , 2019, 19, 493-500.	1.3	30
44	A Replication Study for Association of 53 Single Nucleotide Polymorphisms in a Scoliosis Prognostic Test With Progression of Adolescent Idiopathic Scoliosis in Japanese. <i>Spine</i> , 2013, 38, 1375-1379.	2.0	28
45	Loss of apical vertebral derotation in adolescent idiopathic scoliosis: 2-year follow-up using multi-planar reconstruction computed tomography. <i>European Spine Journal</i> , 2012, 21, 1111-1120.	2.2	26
46	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
47	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
48	A 20-Year Prospective Longitudinal Study of Degeneration of the Cervical Spine in a Volunteer Cohort Assessed Using MRI. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 843-849.	3.0	25
49	Lumbar spinal canal stenosis leads to locomotive syndrome in elderly patients. <i>Journal of Orthopaedic Science</i> , 2019, 24, 19-23.	1.1	25
50	Updates on surgical treatments for pediatric scoliosis. <i>Journal of Orthopaedic Science</i> , 2014, 19, 6-14.	1.1	24
51	A cost-effectiveness comparisons of adult spinal deformity surgery in the United States and Japan. <i>European Spine Journal</i> , 2018, 27, 678-684.	2.2	24
52	Surgical risk stratification based on preoperative risk factors in adult spinal deformity. <i>Spine Journal</i> , 2019, 19, 816-826.	1.3	24
53	A Replication Study for Association of 5 Single Nucleotide Polymorphisms With Curve Progression of Adolescent Idiopathic Scoliosis in Japanese Patients. <i>Spine</i> , 2013, 38, 571-575.	2.0	23
54	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

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55	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
56	Short Fusion Strategy for Lenke Type 1 Thoracic Curve Using Pedicle Screw Fixation. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 93-97.	1.9	22
57	Traumatic isolated anterior dislocation of the radial head in an adult: A case report. <i>Journal of Shoulder and Elbow Surgery</i> , 2005, 14, 554-556.	2.6	21
58	An international meta-analysis confirms the association of BNC2 with adolescent idiopathic scoliosis. <i>Scientific Reports</i> , 2018, 8, 4730.	3.3	20
59	Screening of known disease genes in congenital scoliosis. <i>Molecular Genetics & Genomic Medicine</i> , 2018, 6, 966-974.	1.2	20
60	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
61	Postoperative behavior of thoracolumbar/lumbar curve and coronal balance after posterior thoracic fusion for Lenke 1C and 2C adolescent idiopathic scoliosis. <i>Journal of Orthopaedic Science</i> , 2015, 20, 31-37.	1.1	18
62	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
63	Identification of novel LFNG mutations in spondylocostal dysostosis. <i>Journal of Human Genetics</i> , 2019, 64, 261-264.	2.3	17
64	The effectiveness of chemonucleolysis with chondriase for treatment of painful lumbar disc herniation. <i>Journal of Orthopaedic Science</i> , 2021, 26, 548-554.	1.1	17
65	Clinical Outcomes, Complications, and Cost-effectiveness in Surgically Treated Adult Spinal Deformity Over 70 Years. <i>Clinical Spine Surgery</i> , 2020, 33, E14-E20.	1.3	17
66	Risk, Recovery, and Clinical Impact of Neurological Complications in Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, 1364-1370.	2.0	16
67	Impact of lumbar hypolordosis on the incidence of symptomatic postoperative spinal epidural hematoma after decompression surgery for lumbar spinal canal stenosis. <i>European Spine Journal</i> , 2019, 28, 87-93.	2.2	16
68	A Comparison of Cervical and Thoracolumbar Fractures Associated with Diffuse Idiopathic Skeletal Hyperostosis—A Nationwide Multicenter Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 208.	2.4	16
69	Idiopathic Spinal Epidural Fat Accumulation Is Associated With Hyperlipidemia. <i>Spine</i> , 2018, 43, E468-E473.	2.0	15
70	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
71	Ten-year Longitudinal Follow-up MRI Study of Age-related Changes in Thoracic Intervertebral Discs in Asymptomatic Subjects. <i>Spine</i> , 2019, 44, E1317-E1324.	2.0	15
72	Predictive Probability of the Global Alignment and Proportion Score for the Development of Mechanical Failure Following Adult Spinal Deformity Surgery in Asian Patients. <i>Spine</i> , 2021, 46, E80-E86.	2.0	15

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73	Prognostic Factors for Cervical Spinal Cord Injury without Major Bone Injury in Elderly Patients. <i>Journal of Neurotrauma</i> , 2022, 39, 658-666.	3.4	15
74	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
75	Metabolic Syndrome is a Predisposing Factor for Diffuse Idiopathic Skeletal Hyperostosis. <i>Neurospine</i> , 2021, 18, 109-116.	2.9	14
76	Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of lumbar spinal stenosis, 2021 - Secondary publication. <i>Journal of Orthopaedic Science</i> , 2023, 28, 46-91.	1.1	14
77	Bi-allelic loss of function variants of <i>TBX6</i> causes a spectrum of malformation of spine and rib including congenital scoliosis and spondylocostal dysostosis. <i>Journal of Medical Genetics</i> , 2019, 56, 622-628.	3.2	13
78	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
79	Effects of prophylactic dexamethasone on postoperative nausea and vomiting in scoliosis correction surgery: a double-blind, randomized, placebo-controlled clinical trial. <i>Scientific Reports</i> , 2019, 9, 2119.	3.3	13
80	Association of Susceptibility Genes for Adolescent Idiopathic Scoliosis and Intervertebral Disc Degeneration With Adult Spinal Deformity. <i>Spine</i> , 2019, 44, 1623-1629.	2.0	13
81	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
82	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
83	Clinical indicators of surgical outcomes after cervical single open-door laminoplasty assessed by the Japanese Orthopaedic Association Cervical Myelopathy Evaluation Questionnaire. <i>Spinal Cord</i> , 2019, 57, 644-651.	1.9	12
84	A multiethnic meta-analysis defined the association of rs12946942 with severe adolescent idiopathic scoliosis. <i>Journal of Human Genetics</i> , 2019, 64, 493-498.	2.3	11
85	The patient demographics, radiographic index and surgical invasiveness for mechanical failure (PRISM) model established for adult spinal deformity surgery. <i>Scientific Reports</i> , 2020, 10, 9341.	3.3	11
86	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
87	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
88	Modic changes in the cervical spine: Prospective 20-year follow-up study in asymptomatic subjects. <i>Journal of Orthopaedic Science</i> , 2019, 24, 612-617.	1.1	10
89	Midterm surgical outcomes of a short fusion strategy for adolescent idiopathic scoliosis with Lenke 5C curve. <i>Spine Journal</i> , 2020, 20, 361-368.	1.3	10
90	Comparison of Surgical Outcomes After Open- and Double-Door Laminoplasties for Patients with Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, E1238-E1245.	2.0	10

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91	Diabetes Does Not Adversely Affect Neurological Recovery and Reduction of Neck Pain After Posterior Decompression Surgery for Cervical Spondylotic Myelopathy. <i>Spine</i> , 2021, 46, 433-439.	2.0	10
92	Which frailty scales for patients with adult spinal deformity are feasible and adequate? A systematic review. <i>Spine Journal</i> , 2022, 22, 1191-1204.	1.3	10
93	Development and validation of machine learning-based predictive model for clinical outcome of decompression surgery for lumbar spinal canal stenosis. <i>Spine Journal</i> , 2022, 22, 1768-1777.	1.3	10
94	Epigenetics for curve progression of adolescent idiopathic scoliosis. <i>EBioMedicine</i> , 2018, 37, 36-37.	6.1	9
95	Lumbar spinal canal stenosis in patients with diffuse idiopathic skeletal hyperostosis: Surgical outcomes after posterior decompression surgery without spinal instrumentation. <i>Journal of Orthopaedic Science</i> , 2019, 24, 999-1004.	1.1	9
96	Impact of fusion for adolescent idiopathic scoliosis on lung volume measured with computed tomography. <i>European Spine Journal</i> , 2019, 28, 2034-2041.	2.2	9
97	Plate Fixation of Expansive Open-Door Laminoplasty Decreases the Incidence of Postoperative C5 Palsy. <i>Clinical Spine Surgery</i> , 2019, 32, E177-E182.	1.3	9
98	A 20-year prospective longitudinal MRI study on cervical spine after whiplash injury: Follow-up of a cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 579-583.	1.1	9
99	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
100	Twenty-year Longitudinal Follow-up MRI Study of Asymptomatic Volunteers. <i>Clinical Spine Surgery</i> , 2018, 31, 446-451.	1.3	8
101	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
102	Potential involvement of semaphorin 3A in maintaining intervertebral disc tissue homeostasis. <i>Journal of Orthopaedic Research</i> , 2019, 37, 972-980.	2.3	8
103	Quantitative analysis of intervertebral disc degeneration using Q&Espace imaging in a rat model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2220-2229.	2.3	7
104	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
105	Acute regrowth and dissemination of a mature spinal cord teratoma after partial resection. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-223742.	0.5	6
106	Epithelioid Hemangioma of the Thoracic Spine: A Case Report and Review of the Literature. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 800-805.	1.4	6
107	Excessive correction impacts postoperative shoulder imbalance in lenke type 5C adolescent idiopathic scoliosis. <i>Journal of Orthopaedic Science</i> , 2020, 25, 757-762.	1.1	6
108	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

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109	Does Diabetes Affect the Surgical Outcomes in Cases With Cervical Ossification of the Posterior Longitudinal Ligament? A Multicenter Study From Asia Pacific Spine Study Group. <i>Global Spine Journal</i> , 2023, 13, 353-359.	2.3	6
110	Impact of Tobacco Smoking on Outcomes After Posterior Decompression Surgery in Patients With Cervical Spondylotic Myelopathy. <i>Clinical Spine Surgery</i> , 2020, 33, E493-E498.	1.3	6
111	Hidden blood loss in extreme lateral interbody fusion for adult spinal deformity. <i>Journal of Orthopaedic Science</i> , 2022, , .	1.1	6
112	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
113	Risk Factors for Postoperative Distal Adding-on in Lenke Type 1B and 1C and its Influence on Residual Lumbar Curve. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, e77-e83.	1.2	5
114	Polygenic Risk Score of Adolescent Idiopathic Scoliosis for Potential Clinical Use. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1481-1491.	2.8	5
115	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
116	Sublaminar Tethers Significantly Reduce the Risk of Proximal Junctional Failure in Surgery for Severe Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2022, 35, E496-E503.	1.3	5
117	Surgical and Functional Outcomes of Expansive Open-Door Laminoplasty for Patients With Mild Kyphotic Cervical Alignment. <i>Neurospine</i> , 2021, 18, 749-757.	2.9	5
118	Prognostic Factors for Respiratory Dysfunction for Cervical Spinal Cord Injury and/or Cervical Fractures in Elderly Patients: A Multicenter Survey. <i>Global Spine Journal</i> , 2024, 14, 101-112.	2.3	5
119	Dietary Habits Had No Relationship with Adolescent Idiopathic Scoliosis: Analysis Utilizing Quantitative Data about Dietary Intakes. <i>Nutrients</i> , 2019, 11, 2327.	4.1	4
120	Lower Satisfaction After Adult Spinal Deformity Surgery in Japan Than in the United States Despite Similar SRS-22 Pain and Function Scores. <i>Spine</i> , 2020, 45, E1097-E1104.	2.0	4
121	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
122	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
123	Remnant Tumor Margin as Predictive Factor for Its Growth After Incomplete Resection of Cervical Dumbbell-Shaped Schwannomas. <i>Neurospine</i> , 2022, , .	2.9	4
124	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
125	K-line ($\hat{\alpha}$) in the neck-flexed position negatively affects surgical outcome of expansive open-door laminoplasty for cervical spondylotic myelopathy. <i>Journal of Orthopaedic Science</i> , 2022, 27, 551-557.	1.1	3
126	The impact of diabetes mellitus on spinal fracture with diffuse idiopathic skeletal hyperostosis: A multicenter retrospective study. <i>Journal of Orthopaedic Science</i> , 2022, 27, 582-587.	1.1	3

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127	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
128	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
129	Surgical Correction of Severe Kyphoscoliosis Associated with Crouzon Syndrome with Serious Postoperative Respiratory Problems. <i>JBJS Case Connector</i> , 2017, 7, e98-e98.	0.3	2
130	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
131	Short fusion with vertebrectomy during growth in congenital spinal deformity: is early surgical intervention recommended?. <i>Spine Deformity</i> , 2020, 8, 733-742.	1.5	2
132	Residual lumbar curvature that developed during adolescence accelerates intervertebral disc degeneration in adulthood. <i>Spine Deformity</i> , 2021, 9, 711-720.	1.5	2
133	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
134	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
135	Chin on Chest Deformity Caused by Upper Cervical Kyphosis Associated With Ankylosing Spondylitis: A Case Report. <i>Neurospine</i> , 2020, 17, 666-671.	2.9	2
136	Improvement and International Validation of the Predictive Probability of the Patient Demographics, Radiographic Index, and Surgical Invasiveness for Mechanical Failure (PRISM) Model for Preventive Procedures in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 680-690.	2.0	2
137	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
138	Asymmetrical pedicle subtraction osteotomy for progressive kyphoscoliosis caused by a pediatric Chance fracture: a case report. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 8.	2.3	1
139	Risk factors for delayed diagnosis of spinal fracture associated with diffuse idiopathic skeletal hyperostosis: A nationwide multiinstitution survey. <i>Journal of Orthopaedic Science</i> , 2020, 26, 968-973.	1.1	1
140	Neurological Deterioration After Hemivertebrectomy for Congenital Thoracic Kyphoscoliosis with Myelopathy. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
141	Spontaneous Reduction of Chiari Malformation and Syringomyelia After Posterior Spinal Fusion for Scoliosis. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
142	Posterior and Anterior Fusion for Severe Cervical Kyphosis in a Patient with Chondrodysplasia Punctata. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	1
143	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
144	Surgical Predictors for Prevention of Postoperative Shoulder Imbalance in Lenke Type 2A Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2021, Publish Ahead of Print, .	2.0	1

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145	Upper End Vertebra of Proximal Thoracic Curve At T1 is a Novel Risk Factor of Postoperative Shoulder Imbalance in Lenke Type 2 Adolescent Idiopathic Scoliosis. <i>Global Spine Journal</i> , 2021, , 219256822110230.	2.3	1
146	Comparable satisfaction and clinical outcomes after surgery for adolescent idiopathic scoliosis in the adult (AISA) between the US and Japan. <i>Journal of Orthopaedic Science</i> , 2023, 28, 92-97.	1.1	1
147	Spontaneous Osseous Fusion after Remodeling Therapy for Chronic Atlantoaxial Rotatory Fixation and Recovery Mechanism of Rotatory Range of Motion of the Cervical Spine. <i>Journal of Clinical Medicine</i> , 2022, 11, 1504.	2.4	1
148	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