

Tomohiro

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

475
citations

933447

10
h-index

794594

19
g-index

53
all docs

53
docs citations

53
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of Age and Sex on Cervical Spinal Alignment Among Volunteers Aged Over 50. <i>Spine</i> , 2015, 40, 1487-1494.	2.0	113
2	Preoperative Age and Prognostic Nutritional Index Are Useful Factors for Evaluating Postoperative Delirium Among Patients With Adult Spinal Deformity. <i>Spine</i> , 2019, 44, 472-478.	2.0	44
3	Does preoperative prognostic nutrition index predict surgical site infection after spine surgery?. <i>European Spine Journal</i> , 2021, 30, 1765-1773.	2.2	27
4	Clinical outcome of condoliase injection treatment for lumbar disc herniation: Indications for condoliase therapy. <i>Journal of Orthopaedic Science</i> , 2021, 26, 79-85.	1.1	22
5	Preoperative and Postoperative Sitting Radiographs for Adult Spinal Deformity Surgery. <i>Spine</i> , 2020, 45, E950-E958.	2.0	20
6	Differences in the geometrical spinal shape in the sagittal plane according to age and magnitude of pelvic incidence in healthy elderly individuals. <i>Journal of Orthopaedic Science</i> , 2020, 25, 557-564.	1.1	18
7	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
8	Planned two-stage surgery using lateral lumbar interbody fusion and posterior corrective fusion: a retrospective study of perioperative complications. <i>European Spine Journal</i> , 2021, 30, 2368-2376.	2.2	14
9	Association between a prognostic nutritional index less than 50 and the risk of medical complications after adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 219-224.	1.7	13
10	Lysophosphatidic acid precursor levels decrease and an arachidonic acid-containing phosphatidylcholine level increases in the dorsal root ganglion of mice after peripheral nerve injury. <i>Neuroscience Letters</i> , 2019, 698, 69-75.	2.1	12
11	Impact of adult spinal deformity corrective surgery in patients with the symptoms of gastroesophageal reflux disease: a 5-year follow-up report. <i>European Spine Journal</i> , 2020, 29, 860-869.	2.2	12
12	Hypertrophy of the ligamentum flavum in lumbar spinal canal stenosis is associated with abnormal accumulation of specific lipids. <i>Scientific Reports</i> , 2021, 11, 23515.	3.3	12
13	Impact of pelvic obliquity on coronal alignment in patients with adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2020, 8, 1269-1278.	1.5	10
14	Deterioration of sagittal spinal alignment with age originates from the pelvis not the lumbar spine: a 4-year longitudinal cohort study. <i>European Spine Journal</i> , 2020, 29, 2329-2339.	2.2	10
15	Disc degeneration could be recovered after chemonucleolysis with condoliase.-1 year clinical outcome of condoliase therapy-. <i>Journal of Orthopaedic Science</i> , 2022, 27, 767-773.	1.1	9
16	Effect of Perioperative Mental Status on Health-related Quality of Life in Patients With Adult Spinal Deformities. <i>Spine</i> , 2020, 45, E76-E82.	2.0	8
17	Evaluation of the Central Sensitization Inventory Score in elderly adults with musculoskeletal examination. <i>Modern Rheumatology</i> , 2021, 31, 885-889.	1.8	8
18	Relationship between locomotive syndrome, frailty and sarcopenia: Locomotive syndrome overlapped in the majority of frailty and sarcopenia patients. <i>Geriatrics and Gerontology International</i> , 2021, 21, 458-464.	1.5	7

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19	Longer Screws Can Reduce the Stress on the Upper Instrumented Vertebra With Long Spinal Fusion Surgery: A Finite Element Analysis Study. <i>Global Spine Journal</i> , 2023, 13, 1072-1079.	2.3	7
20	Impact of Spinal Correction Surgeries with Osteotomy and Pelvic Fixation in Patients with Kyphosis Due to Osteoporotic Vertebral Fractures. <i>Asian Spine Journal</i> , 2021, 15, 523-532.	2.0	7
21	The Effect of Preoperative Nutritional Intervention for Adult Spinal Deformity Patients. <i>Spine</i> , 2022, 47, 387-395.	2.0	7
22	Factors Associated with Improved Quality of Life Outcomes in Patients Undergoing Surgery for Adult Spinal Deformity. <i>Spine</i> , 2021, 46, E384-E391.	2.0	7
23	Impact of shift to the concave side of the C7-center sacral vertical line on de novo degenerative lumbar scoliosis progression in elderly volunteers. <i>Journal of Orthopaedic Science</i> , 2020, 25, 82-88.	1.1	5
24	L5 pedicle subtraction osteotomy maintains good radiological and clinical outcomes in elderly patients with a rigid kyphosis deformity: a more than 2-year follow-up report. <i>European Spine Journal</i> , 2020, 29, 3018-3027.	2.2	5
25	Effect of sagittal shape on proximal junctional kyphosis following thoracopelvic corrective fusion for adult spinal deformity: postoperative inflexion vertebra cranial to T12 is a significant risk factor. <i>Spine Deformity</i> , 2020, 8, 1313-1323.	1.5	5
26	Low occupancy rate of the pedicle screw in the vertebral body leads to upper instrumented vertebral fracture. <i>Scientific Reports</i> , 2020, 10, 10270.	3.3	5
27	Spinal shortening osteotomy for adult tethered cord syndrome evaluated by intraoperative ultrasonography. <i>Journal of Orthopaedic Science</i> , 2021, 26, 363-368.	1.1	5
28	Cost-effectiveness of Corrective Fusion Surgeries for Adult Spinal Deformities. <i>Spine</i> , 2021, 46, 1249-1257.	2.0	5
29	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
30	Brain Activation in a Cynomolgus Macaque Model of Chymopapain-Induced Discogenic Low Back Pain: A Preliminary Study. <i>Spine Surgery and Related Research</i> , 2019, 3, 368-376.	0.7	4
31	Prospective nursing care certification using the <sc>25â€</sc>question Geriatric Locomotive Function Scale. <i>Geriatrics and Gerontology International</i> , 2021, 21, 492-497.	1.5	4
32	Impact of Habitual Exercise on Locomotive Function of Middle-aged and Elderly Volunteers: A Longitudinal Study. <i>Progress in Rehabilitation Medicine</i> , 2021, 6, n/a.	0.9	4
33	Comparison of the postoperative changes in trunk and lower extremity muscle activities between patients with adult spinal deformity and age-matched controls using surface electromyography. <i>Spine Deformity</i> , 2021, , 1.	1.5	3
34	Spinal Sagittal Alignment, Hospital Anxiety and Depression Scale Scores, and Patient-Reported Outcome among People with Sporting Activity. <i>Asian Spine Journal</i> , 2020, 14, 341-349.	2.0	3
35	Influence of the Sagittal Vertical Axis on the Risk of Falls in Community-Dwelling Elderly People: A Retrospective Longitudinal Study. <i>Spine Surgery and Related Research</i> , 2020, 4, 237-241.	0.7	3
36	Revision Surgery for a Rod Fracture with Multirod Constructs Using a Posterior-Only Approach Following Surgery for Adult Spinal Deformity. <i>Asian Spine Journal</i> , 2022, 16, 740-748.	2.0	3

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37	Characteristics of pedicle screw misplacement using freehand technique in degenerative scoliosis surgery. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 1861-1867.	2.4	3
38	Characteristics affecting cervical sagittal alignment in patients with chronic low back pain. Journal of Orthopaedic Science, 2021, 26, 577-583.	1.1	2
39	Incidence and Predictors of Postoperative Kyphotic Deformity after Thoracic Spinal Cord Tumor Resection. Spine Surgery and Related Research, 2021, 6, 17-25.	0.7	2
40	Selective Angiography to Detect Anterior Spinal Artery Stenosis in Thoracic Ossification of the Posterior Longitudinal Ligament. Asian Spine Journal, 2022, 16, 334-342.	2.0	2
41	Risk Factors for Cervical Deformity After Posterior Cervical Decompression Surgery: A Multicenter Study. Global Spine Journal, 2023, 13, 1457-1466.	2.3	2
42	Prevalence of Locomotive Dysfunction Exacerbating Systolic Blood Pressure and Abdominal Circumference: A Longitudinal Cohort Analysis. Metabolic Syndrome and Related Disorders, 2021, 19, 562-566.	1.3	1
43	Sex differences between the relationship of trunk muscle mass and whole body sagittal plane alignment in older adults. Journal of Orthopaedic Science, 2023, 28, 315-320.	1.1	1
44	The Impact of Geometrical Spinal Shape on Fresh Vertebral Fractures in Elderly Volunteers. Spine, 2020, 45, E1232-E1238.	2.0	0
45	Combination therapy with preoperative embolization and en block laminectomy using thread saw for spinous process solitary fibrous tumor: A case report. Radiology Case Reports, 2020, 15, 2607-2612.	0.6	0
46	Association between Pelvic Parameters and Vaginal Delivery. Asian Spine Journal, 2021, , .	2.0	0
47	Observable Recurrence of Cervicothoracic Neurenteric Cyst after Subtotal Resection: A Case Report. Spine Surgery and Related Research, 2020, 4, 81-83.	0.7	0
48	Risk factors for coronal oblique take-off following adult spinal deformity surgery using lateral lumbar interbody fusion and open posterior corrective fusion. Spine Deformity, 2021, , .	1.5	0
49	Intraforaminal cervical gas cyst with vacuum disc treated by anterior cervical discectomy and fusion: illustrative case. Journal of Neurosurgery Case Lessons, 2022, 3, .	0.3	0
50	Risk factors and clinical impact of persistent coronal imbalance after posterior spinal fusion in thoracolumbar/lumbar idiopathic scoliosis. Journal of Neurosurgery: Spine, 2022, 37, 883-892.	1.7	0