

Masato Tanaka

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

319
citations

9
h-index

17
g-index

51
ext. papers

392
ext. citations

1.9
avg, IF

3.13
L-index

#	Paper	IF	Citations
44	A novel, visible light-induced, rapidly cross-linkable gelatin scaffold for osteochondral tissue engineering. <i>Scientific Reports</i> , 2014 , 4, 4457	4.9	79
43	Collagen-Binding Hepatocyte Growth Factor (HGF) alone or with a Gelatin- furfurylamine Hydrogel Enhances Functional Recovery in Mice after Spinal Cord Injury. <i>Scientific Reports</i> , 2018 , 8, 917	4.9	31
42	Accuracy of pedicle screw insertion in posterior scoliosis surgery: a comparison between intraoperative navigation and preoperative navigation techniques. <i>European Spine Journal</i> , 2017 , 26, 1756-1764	2.7	30
41	Surgical results of sacral perineural (Tarlov) cysts. <i>Acta Medica Okayama</i> , 2006 , 60, 65-70	0.5	28
40	Spinal cord herniation into pseudomeningocele after traumatic nerve root avulsion: case report and review of the literature. <i>European Spine Journal</i> , 2008 , 17 Suppl 2, S263-6	2.7	26
39	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	1.6	19
38	Discrimination between Malignant and Benign Vertebral Fractures Using Magnetic Resonance Imaging. <i>Asian Spine Journal</i> , 2017 , 11, 478-483	2.8	18
37	Geographic variations in clinical presentation and outcomes of decompressive surgery in patients with symptomatic degenerative cervical myelopathy: analysis of a prospective, international multicenter cohort study of 757 patients. <i>Spine Journal</i> , 2018 , 18, 593-605	4	13
36	C-Arm-Free Circumferential Minimally Invasive Surgery for Adult Spinal Deformity: Technical Note. <i>World Neurosurgery</i> , 2020 , 143, 235-246	2.1	12
35	Effect of Tramadol/Acetaminophen on Motivation in Patients with Chronic Low Back Pain. <i>Pain Research and Management</i> , 2016 , 2016, 7458534	2.6	8
34	Outcomes of pregabalin in lumbar-disease patients with depression. <i>Journal of Orthopaedic Science</i> , 2014 , 19, 229-234	1.6	7
33	Denosumab and alendronate treatment in patients with back pain due to fresh osteoporotic vertebral fractures. <i>Journal of Orthopaedic Science</i> , 2017 , 22, 230-236	1.6	6
32	Short-term outcomes of patients being treated for chronic intractable pain at a liaison clinic and exacerbating factors of prolonged pain after treatment. <i>Journal of Orthopaedic Science</i> , 2017 , 22, 554-559	1.6	6
31	Pneumocephalus and chylothorax complicating vertebrectomy for lung cancer. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1425-8	2.7	4
30	Intraoperative O-arm navigation guided anterior cervical corpectomy and fusion with minimally invasive cervical pedicle screw fixation (MICEPS) for severe ossification of the cervical posterior longitudinal ligament (OPLL): A technical note. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021 , 23, 100882	0.5	4
29	Surgical treatment of metastatic vertebral tumors. <i>Acta Medica Okayama</i> , 2009 , 63, 145-50	0.5	4
28	C-Arm-Free Anterior Correction for Adolescent Idiopathic Scoliosis (Lenke Type 5C): Analysis of Early Outcomes and Complications. <i>World Neurosurgery</i> , 2021 , 150, e561-e569	2.1	3

27	Minimally invasive thoracolumbar corpectomy with navigated expandable vertebral cage: A technical note. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021 , 24, 1011-123	0.5	3
26	Chiari type I malformation caused by craniometaphyseal dysplasia. <i>Acta Medica Okayama</i> , 2013 , 67, 385-9	0.5	2
25	Navigated Lateral Osteotomy for Adult Spinal Deformity: A Technical Note. <i>World Neurosurgery</i> , 2021 , 150, 56-63	2.1	2
24	Percutaneous transdiscal pedicle screw fixation for osteoporotic vertebral fracture: A technical note. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021 , 23, 100903	0.5	2
23	Relationship between Displacement of the Psoas Major Muscle and Spinal Alignment in Patients with Adult Spinal Deformity. <i>Asian Spine Journal</i> , 2018 , 12, 335-342	2.8	2
22	Transuncovertebral joint screw placement: technical note. <i>European Spine Journal</i> , 2016 , 25, 1655-60	2.7	1
21	Comparison of Simultaneous Single-Position Oblique Lumbar Interbody Fusion and Percutaneous Pedicle Screw Fixation with Posterior Lumbar Interbody Fusion Using O-arm Navigated Technique for Lumbar Degenerative Diseases. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
20	Pulmonary resection in a prone position for lung cancer invading the spine. <i>General Thoracic and Cardiovascular Surgery</i> , 2020 , 68, 298-301	1.6	1
19	Comparative Study of Bilateral Dual Sacral-Alar-Iliac Screws versus Bilateral Single Sacral-Alar-Iliac Screw for Adult Spine Deformities. <i>World Neurosurgery</i> , 2021 , 156, e300-e306	2.1	1
18	Assessment of 3D Lumbosacral Vascular Anatomy for OLIF51 by Non-Enhanced MRI and CT Medical Image Fusion Technique. <i>Diagnostics</i> , 2021 , 11,	3.8	1
17	Computer navigation-assisted spinal fusion with segmental pedicle screw instrumentation for scoliosis with Rett syndrome: a case report. <i>Acta Medica Okayama</i> , 2009 , 63, 373-7	0.5	1
16	A rare course of scoliosis associated with Chiari malformation and syringomyelia. <i>Acta Medica Okayama</i> , 2014 , 68, 303-6	0.5	1
15	Revision for cage migration after transforaminal/posterior lumbar interbody fusion: how to perform revision surgery?. <i>BMC Surgery</i> , 2022 , 22, 172	2.3	1
14	Effect of an Adjustable Hinged Carbon Fiber Operating Table on the Coronal Alignment of the Lumbar Spine During Oblique Lateral Interbody Fusion. <i>World Neurosurgery</i> , 2021 , 149, e958-e962	2.1	0
13	Minimally Invasive Thoracolumbar Corpectomy and Percutaneous Pedicle Screw Fixation with Computer-Assisted Rod-Bending System in Single Lateral Position: Technical Note. <i>World Neurosurgery</i> , 2021 , 151, 138-144	2.1	0
12	Computer-assisted Minimally Invasive Posterior Lumbar Interbody Fusion without C-arm Fluoroscopy. <i>Acta Medica Okayama</i> , 2016 , 70, 51-5	0.5	0
11	Chronological Evaluation of Gait Ability and Posture Balance after Adult Spinal Deformity Surgery. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4285	2.6	0
10	Surgical Management of Spinal Tuberculosis The Past, Present, and Future. <i>Diagnostics</i> , 2022 , 12, 1307	3.8	0

- 9 Triangular Fixation to Prevent Proximal Screw Pullout for Adult Spinal Deformity Surgery: A Technical Note. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2022**, 101514^{0.5}
- 8 C-arm free simultaneous OLIF51 and percutaneous pedicle screw fixation in a single lateral position: A technical note. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2022**, 27, 101428 0.5
- 7 C1 laminoplasty and posterior atlantoaxial fusion for large retro-odontoid pseudotumor with Instability: A technical note. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2022**, 28, 101478 0.5
- 6 C-arm free reduction for thoracolumbar fracture: A technical note. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2021**, 25, 101229 0.5
- 5 Surgical treatment for spondyloptosis: A case report. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2021**, 25, 101161 0.5
- 4 Comparative evaluation of screw accuracy and complications of new C-arm free O-arm navigated minimally invasive cervical pedicle screw fixation (MICEPS) with conventional cervical screw fixation. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2021**, 25, 101278 0.5
- 3 Intraoperative O-arm navigation guided anterior cervical surgery; A technical note and case series. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*, **2021**, 26, 101288 0.5
- 2 Cervical Spine Osteoradionecrosis. *Acta Medica Okayama*, **2017**, 71, 345-349 0.5
- 1 Long-Term Results of Posterior Vertebral Column Resection for Severe Thoracolumbar Kyphosis with Achondroplastic Patients: A Case Series. *Medicina (Lithuania)*, **2022**, 58, 605 3.1