

# Takayoshi Shimizu

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

531  
citations

759233

12  
h-index

713466

21  
g-index

45  
all docs

45  
docs citations

45  
times ranked

656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Study of Circumferential Decompression and Posterior Decompression in Palliative Surgery for Metastatic Thoracic Spinal Tumors. <i>Clinical Spine Surgery</i> , 2022, Publish Ahead of Print, .	1.3	1
2	Bioactivity and antibacterial activity of iodine-containing calcium titanate against implant-associated infection. , 2022, 138, 212952.		8
3	Comparative Study Of The Usage Of Closed Suction And Nonsuction Drains In Cervical Laminoplasty. <i>Spine Surgery and Related Research</i> , 2022, , .	0.7	0
4	Residual anterior cord compression after laminoplasty for cervical spondylotic myelopathy: evaluation of risk factors according to the most severely stenotic vertebral segment. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 794-801.	1.7	2
5	Bioactivity and antibacterial activity of strontium and silver ion releasing titanium. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 238-245.	3.4	13
6	<i>In vitro</i> study of antibacterial and osteogenic activity of titanium metal releasing strontium and silver ions. <i>Journal of Biomaterials Applications</i> , 2021, 35, 670-680.	2.4	15
7	An Observational Survey of Nail and Skin of Spine Surgeons-Possible Damage by Occupational Ionizing Radiation Exposure. <i>Spine Surgery and Related Research</i> , 2021, 5, 359-364.	0.7	4
8	Subtotal En Bloc Resection of the Fourth Lumbar Vertebra for Giant Cell Tumor Using Combined Posterior and Lateral Retroperitoneal Approach. <i>Spine Surgery and Related Research</i> , 2021, 5, 442-445.	0.7	0
9	Number of Levels of Spinal Fusion Associated with the Rate of Joint-Space Narrowing in the Hip. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 953-960.	3.0	14
10	Bone Coverage around Hydroxyapatite/Poly(L-Lactide) Composite Is Determined According to Depth from Cortical Bone Surface in Rabbits. <i>Materials</i> , 2021, 14, 1458.	2.9	1
11	Predictive Value of Heterogeneously Enhanced Magnetic Resonance Imaging Findings With Computed Tomography Evidence of Calcification for Severe Motor Deficits in Spinal Meningioma. <i>Neurospine</i> , 2021, 18, 163-169.	2.9	4
12	Rigid reconstruction with periacetabular multiple screws after the resection of malignant pelvic tumours involving the sacroiliac joint. <i>International Orthopaedics</i> , 2021, 45, 1793-1802.	1.9	3
13	Indirect decompression via oblique lateral interbody fusion for severe degenerative lumbar spinal stenosis: a comparative study with direct decompression transforaminal/posterior lumbar interbody fusion. <i>Spine Journal</i> , 2021, 21, 963-971.	1.3	46
14	Possible Association of Pedicle Screw Diameter on Pseudoarthrosis Rate After Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2021, 150, e155-e161.	1.3	5
15	Combining a Vascular Bundle and 3D Printed Scaffold with BMP-2 Improves Bone Repair and Angiogenesis. <i>Tissue Engineering - Part A</i> , 2021, 27, 1517-1525.	3.1	6
16	Chondrosarcoma Arising from the Posterior Iliac Crest Extending into the Spinal Canal. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-5.	0.3	0
17	Understanding sagittal compensation in adult spinal deformity patients: relationship between pelvic tilt and lower-extremity position. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 616-623.	1.7	5
18	Salvage Oblique Lateral Interbody Fusion for Pseudoarthrosis after Posterior/Transforaminal Lumbar Interbody Fusion: A Technical Note. <i>World Neurosurgery</i> , 2021, 152, 107-112.	1.3	5

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19	Optimizing the layer thickness of sol-gel-derived TiO <sub>2</sub> coating on polyetheretherketone. Scientific Reports, 2021, 11, 15875.	3.3	5
20	Surgeons lack of agreement on determining preoperative radiographic and clinical shoulder balance in adolescent and adult idiopathic scoliosis patients. European Spine Journal, 2021, 30, 661-667.	2.2	1
21	Long-term Radiographic Outcome of Occipitocervical Fixation. Spine, 2021, 46, 152-159.	2.0	4
22	Paraplegia Caused by Multifocal Osteosarcoma With Spinal Lesions. International Journal of Spine Surgery, 2021, 15, 1234-1237.	1.5	1
23	Reciprocal change of sagittal profile in unfused spinal segments and lower extremities after complex adult spinal deformity surgery including spinopelvic fixation: a full-body X-ray analysis. Spine Journal, 2020, 20, 380-390.	1.3	15
24	Utility of Thoracolumbar Low-Dose CT With Model-Based Iterative Reconstruction for Measuring Pedicle Diameter Using a Radiation Dose Less Than a One-Time Lumbar X-Ray. Spine, 2020, 45, 38-47.	2.0	4
25	Cervical spinal computed tomography utilizing model-based iterative reconstruction reduces radiation to an equivalent of three cervical X-rays. European Spine Journal, 2020, 29, 2804-2813.	2.2	1
26	Indirect Decompression Through Oblique Lateral Interbody Fusion for Revision Surgery After Lumbar Decompression. World Neurosurgery, 2020, 141, e389-e399.	1.3	10
27	Analysis of the Factors Affecting Lumbar Segmental Lordosis After Lateral Lumbar Interbody Fusion. Spine, 2020, 45, E839-E846.	2.0	21
28	Preoperative halo-gravity traction for treatment of severe adult kyphosis and scoliosis. Spine Deformity, 2020, 8, 85-95.	1.5	21
29	A Radiographic Analysis of Lumbar Fusion Status and Instrumentation Failure After Complex Adult Spinal Deformity Surgery With Spinopelvic Fixation. Clinical Spine Surgery, 2020, 33, E545-E552.	1.3	2
30	Cervical Myelopathy Caused by Invagination of Floating Anomalous C2 and C3 Laminae in the Spinal Canal. Spine Surgery and Related Research, 2020, 4, 274-276.	0.7	0
31	Outcomes of lumbar decompression surgery in patients with diffuse idiopathic skeletal hyperostosis (DISH). Journal of Orthopaedic Science, 2019, 24, 957-962.	1.1	11
32	Implantable composite devices of unsintered hydroxyapatite and poly-L-lactide with dispersive marbling morphology to enhance in vivo bioactivity and bioresorbability. Materials Science and Engineering C, 2019, 97, 698-706.	7.3	6
33	In vivo and in vitro bioactivity of a precursor of apatite-treatment on polyetheretherketone. Acta Biomaterialia, 2019, 91, 48-59.	8.3	34
34	Inter-spinous process distance: a novel parameter predicting segmental lordosis during posterior cervical spine deformity surgery. European Spine Journal, 2019, 28, 1192-1199.	2.2	0
35	Reciprocal Change in Sagittal Profiles After Adolescent Idiopathic Scoliosis Surgery With Segmental Pedicle Screw Construct. Spine, 2019, 44, 1705-1714.	2.0	10
36	Prevalence and Predictive Factors of Concurrent Cervical Spinal Cord Compression in Adult Spinal Deformity. Spine, 2019, 44, 1049-1056.	2.0	3

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37	Occipital and external acoustic meatus to axis angle: a useful predictor of oropharyngeal space in rheumatoid arthritis patients with atlantoaxial subluxation. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 534-541.	1.7	1
38	Incidence and Risk Factors of Anterior Arch Fracture of the Atlas Following C1 Laminectomy Without Fusion. <i>Spine</i> , 2018, 43, 667-674.	2.0	16
39	Strontium and magnesium ions released from bioactive titanium metal promote early bone bonding in a rabbit implant model. <i>Acta Biomaterialia</i> , 2017, 63, 383-392.	8.3	58
40	In vivo experimental study of anterior cervical fusion using bioactive polyetheretherketone in a canine model. <i>PLoS ONE</i> , 2017, 12, e0184495.	2.5	28
41	Spontaneous anterior arch fracture of the atlas following C1 laminectomy without fusion: A report of three cases and finite element analysis. <i>Journal of Orthopaedic Science</i> , 2016, 21, 306-315.	1.1	16
42	Bioactivity of sol-gel-derived TiO <sub>2</sub> coating on polyetheretherketone: In vitro and in vivo studies. <i>Acta Biomaterialia</i> , 2016, 35, 305-317.	8.3	68
43	A multi-center study of reoperations within 30 days of spine surgery. <i>European Spine Journal</i> , 2016, 25, 828-835.	2.2	20
44	Diffuse idiopathic skeletal hyperostosis (DISH) is a risk factor for further surgery in short-segment lumbar interbody fusion. <i>European Spine Journal</i> , 2015, 24, 2514-2519.	2.2	37
45	Simultaneous occurrence of a severe Morel-Lavallée lesion and gluteal muscle necrosis as a sequela of transcatheter angiographic embolization following pelvic fracture: a case report. <i>Journal of Medical Case Reports</i> , 2015, 9, 69.	0.8	6