

Hiromitsu Toyoda

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

746
citations

516710

16
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552781

26
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44
docs citations

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times ranked

742
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#	ARTICLE	IF	CITATIONS
1	Incidence of and risk factors for spondylolisthesis, scoliosis, and vertebral fracture in rheumatoid arthritis. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 120-131.	2.7	4
2	Relationship between facet joint opening on CT and facet joint effusion on MRI in patients with lumbar spinal stenosis: analysis of a less invasive decompression procedure. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 376-384.	1.7	2
3	Mid-term changes in spinopelvic sagittal alignment in lumbar spinal stenosis with coexisting degenerative spondylolisthesis or scoliosis after minimally invasive lumbar decompression surgery: minimum five-year follow-up. <i>Spine Journal</i> , 2022, 22, 819-826.	1.3	3
4	Risk factors for low back pain increase in rheumatoid arthritis: Analysis of a 7-year follow-up study. <i>Modern Rheumatology</i> , 2022, 32, 1027-1034.	1.8	1
5	Associations between physical function, falls, and the fear of falling among older adults participating in a community-based physical exercise program: A longitudinal multilevel modeling study. <i>Archives of Gerontology and Geriatrics</i> , 2022, 102, 104752.	3.0	7
6	Risk factors of the poor long-term prognosis of osteoporotic vertebral fractures: A multicenter cohort study. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902199496.	1.0	0
7	Relationship between number of radiological risk factors for delayed union after osteoporotic vertebral fracture and clinical outcomes. <i>Archives of Osteoporosis</i> , 2021, 16, 20.	2.4	1
8	Classification and prognostic factors of residual symptoms after minimally invasive lumbar decompression surgery using a cluster analysis: a 5-year follow-up cohort study. <i>European Spine Journal</i> , 2021, 30, 918-927.	2.2	11
9	Using artificial intelligence to diagnose fresh osteoporotic vertebral fractures on magnetic resonance images. <i>Spine Journal</i> , 2021, 21, 1652-1658.	1.3	25
10	A bone replacement-type calcium phosphate cement that becomes more porous in vivo by incorporating a degradable polymer. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 77.	3.6	7
11	Differences in surgical outcome after anterior corpectomy and reconstruction with an expandable cage with rectangular footplates between thoracolumbar and lumbar osteoporotic vertebral fracture. <i>North American Spine Society Journal (NASSJ)</i> , 2021, 6, 100071.	0.5	2
12	Can Conventional Magnetic Resonance Imaging Substitute Three-Dimensional Magnetic Resonance Imaging in the Diagnosis of Lumbar Foraminal Stenosis?. <i>Asian Spine Journal</i> , 2021, 15, 472-480.	2.0	3
13	Direct Lateral Corpectomy and Reconstruction Using an Expandable Cage Improves Local Kyphosis but Not Global Sagittal Alignment. <i>Journal of Clinical Medicine</i> , 2021, 10, 4012.	2.4	2
14	In vivo study on the healing of bone defect treated with non-thermal atmospheric pressure gas discharge plasma. <i>PLoS ONE</i> , 2021, 16, e0255861.	2.5	8
15	Facet Joint Opening on Computed Tomography is a Predictor of Poor Clinical Outcomes After Minimally Invasive Decompression Surgery for Lumbar Spinal Stenosis. <i>Spine</i> , 2021, Publish Ahead of Print, .	2.0	3
16	Prevalence of Restless Legs Syndrome and its Symptoms among Patients with Spinal Disorders. <i>Journal of Clinical Medicine</i> , 2021, 10, 5001.	2.4	0
17	Liver Abscesses due to Foreign Body Penetration in Meckel's Diverticulum. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2021, 110, 996-1001.	0.0	0
18	Impact of Sarcopenia on Clinical Outcomes of Minimally Invasive Lumbar Decompression Surgery. <i>Scientific Reports</i> , 2019, 9, 16619.	3.3	10

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19	Balloon Kyphoplasty Versus Conservative Treatment for Acute Osteoporotic Vertebral Fractures With Poor Prognostic Factors. <i>Spine</i> , 2019, 44, 110-117.	2.0	22
20	Increased advanced glycation end products in hypertrophied ligamentum flavum of diabetes mellitus patients. <i>Spine Journal</i> , 2019, 19, 1739-1745.	1.3	14
21	Development of a scoring system for predicting adjacent vertebral fracture after balloon kyphoplasty. <i>Spine Journal</i> , 2019, 19, 1194-1201.	1.3	27
22	Answer to the Letter to the Editor concerning "The association of back muscle strength and sarcopenia-related parameters in the patients with spinal disorders" by Toyoda H, et al. (<i>Eur Spine J</i>); Tj ETQq0 0 OazBT /Overlock 10 Tf		
23	Association between MRI findings and back pain after osteoporotic vertebral fractures: a multicenter prospective cohort study. <i>Spine Journal</i> , 2019, 19, 1186-1193.	1.3	15
24	Characteristic radiological findings for revision surgery after balloon kyphoplasty. <i>Scientific Reports</i> , 2019, 9, 18513.	3.3	13
25	The association of back muscle strength and sarcopenia-related parameters in the patients with spinal disorders. <i>European Spine Journal</i> , 2019, 28, 241-249.	2.2	28
26	Diffuse idiopathic skeletal hyperostosis is associated with lumbar spinal stenosis requiring surgery. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 118-124.	2.7	29
27	Differences in short-term clinical and radiological outcomes depending on timing of balloon kyphoplasty for painful osteoporotic vertebral fracture. <i>Journal of Orthopaedic Science</i> , 2018, 23, 51-56.	1.1	18
28	Comparison of minimally invasive decompression and combined minimally invasive decompression and fusion in patients with degenerative spondylolisthesis with instability. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 79-85.	1.5	10
29	A Case of Imported <i>Taenia asiatica</i> ; Infection in Japan. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 170-171.	1.2	3
30	Characterizing the course of back pain after osteoporotic vertebral fracture: a hierarchical cluster analysis of a prospective cohort study. <i>Archives of Osteoporosis</i> , 2017, 12, 82.	2.4	15
31	Anatomical analysis of human ligamentum flavum in the cervical spine: Special consideration to the attachments, coverage, and lateral extent. <i>Journal of Orthopaedic Science</i> , 2017, 22, 994-1000.	1.1	14
32	Restrictions of cervical flexion after laminoplasty increase in the mechanical stress at the occipitocervical junction in non-rheumatoid arthritis patients. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 187-192.	1.5	5
33	Addison's Disease Caused by Tuberculosis with Atypical Hyperpigmentation and Active Pulmonary Tuberculosis. <i>Internal Medicine</i> , 2017, 56, 1843-1847.	0.7	4
34	Prevalence of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Spinal Disorders. <i>Asian Spine Journal</i> , 2017, 11, 63-70.	2.0	31
35	Factors associated with improvement in sagittal spinal alignment after microendoscopic laminotomy in patients with lumbar spinal canal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 39-45.	1.7	33
36	The influence of preoperative spinal sagittal balance on clinical outcomes after microendoscopic laminotomy in patients with lumbar spinal canal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 49-54.	1.7	51

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37	Spinopelvic alignment of diffuse idiopathic skeletal hyperostosis in lumbar spinal stenosis. <i>European Spine Journal</i> , 2014, 23, 1302-1308.	2.2	15
38	Radiographic evaluation of postoperative bone regrowth after microscopic bilateral decompression via a unilateral approach for degenerative lumbar spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 472-478.	1.7	37
39	Prognostic Factors for Reduction of Activities of Daily Living Following Osteoporotic Vertebral Fractures. <i>Spine</i> , 2012, 37, 1115-1121.	2.0	38
40	Efficacy of interspinous process lumbar fusion with recombinant human bone morphogenetic protein-2 delivered with a synthetic polymer and β -tricalcium phosphate in a rabbit model. <i>European Spine Journal</i> , 2012, 21, 1338-1345.	2.2	16
41	Clinical Outcome of Microsurgical Bilateral Decompression via Unilateral Approach for Lumbar Canal Stenosis. <i>Spine</i> , 2011, 36, 410-415.	2.0	66
42	Optimized use of a biodegradable polymer as a carrier material for the local delivery of recombinant human bone morphogenetic protein-2 (rhBMP-2). <i>Biomaterials</i> , 2006, 27, 2035-2041.	11.4	78
43	Experimental Spinal Fusion With Recombinant Human Bone Morphogenetic Protein-2 Delivered by a Synthetic Polymer and β -Tricalcium Phosphate in a Rabbit Model. <i>Spine</i> , 2005, 30, 1717-1722.	2.0	53
44	Intradural Extramedullary Hemangioblastoma Differentiated by MR Images in the Cervical Spine. <i>Journal of Spinal Disorders and Techniques</i> , 2004, 17, 343-347.	1.9	22