

# Shiro Imagama

## 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

372  
citations

12  
h-index

17  
g-index

48  
ext. papers

509  
ext. citations

2.9  
avg, IF

3.48  
L-index

#	Paper	IF	Citations
44	Epidemiological trends in spine surgery over 10 years in a multicenter database. <i>European Spine Journal</i> , <b>2018</b> , 27, 1698-1703	2.7	58
43	Acute non-traumatic idiopathic spinal subdural hematoma: radiographic findings and surgical results with a literature review. <i>European Spine Journal</i> , <b>2017</b> , 26, 2739-2743	2.7	21
42	Low Bioelectrical Impedance Phase Angle Is a Significant Risk Factor for Frailty. <i>BioMed Research International</i> , <b>2019</b> , 2019, 6283153	3	20
41	Effects of a self-assembling peptide as a scaffold on bone formation in a defect. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190833	3.7	19
40	Relationship between locomotive syndrome and body composition among community-dwelling middle-age and elderly individuals in Japan: The Yakumo study. <i>Modern Rheumatology</i> , <b>2019</b> , 29, 491-495	3.3	18
39	Shoulder pain has most impact on poor quality of life among various types of musculoskeletal pain in middle-aged and elderly people: Yakumo study. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 568-572	3.3	18
38	Serum cystatin C level is associated with locomotive syndrome risk and can be an early predictor in community-living people: The Yakumo study. <i>Modern Rheumatology</i> , <b>2018</b> , 28, 1035-1040	3.3	17
37	Reoperation within 2 years after lumbar interbody fusion: a multicenter study. <i>European Spine Journal</i> , <b>2018</b> , 27, 1972-1980	2.7	17
36	Prevention of spinal cord injury using brain-evoked muscle-action potential (Br(E)-MsEP) monitoring in cervical spinal screw fixation. <i>European Spine Journal</i> , <b>2017</b> , 26, 1154-1161	2.7	14
35	Post-operative regression of retro-odontoid pseudotumors treated with and without fusion. <i>European Spine Journal</i> , <b>2018</b> , 27, 3105-3112	2.7	13
34	Predictors of locomotive syndrome in community-living people: A prospective five-year longitudinal study. <i>Modern Rheumatology</i> , <b>2019</b> , 29, 669-675	3.3	12
33	The decrease in phase angle measured by bioelectrical impedance analysis reflects the increased locomotive syndrome risk in community-dwelling people: The Yakumo study. <i>Modern Rheumatology</i> , <b>2019</b> , 29, 496-502	3.3	12
32	Analysis of cervical kyphosis and spinal balance in young idiopathic scoliosis patients classified by the apex of thoracic kyphosis. <i>European Spine Journal</i> , <b>2016</b> , 25, 3220-3225	2.7	9
31	Utility of the Serum Cystatin C Level for Diagnosis of Osteoporosis among Middle-Aged and Elderly People. <i>BioMed Research International</i> , <b>2019</b> , 2019, 5046852	3	9
30	Epidemiology and effect on physical function of osteosarcopenia in community-dwelling elderly people in Japan. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 592-597	3.3	9
29	Impact of comorbidity rates of lumbar spondylosis, knee osteoarthritis, and osteoporosis on physical QOL and risk factors for poor physical QOL in middle-aged and elderly people. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 402-409	3.3	9
28	Characteristics of multi-channel Br(E)-MsEP waveforms for the lower extremity muscles in thoracic spine surgery: comparison based on preoperative motor status. <i>European Spine Journal</i> , <b>2019</b> , 28, 484-491	2.7	8

27	Predictors of presarcopenia in community-dwelling older adults: A 5-year longitudinal study. <i>Modern Rheumatology</i> , <b>2019</b> , 29, 1053-1058	3.3	8
26	Increase in lumbar kyphosis and spinal inclination, declining back muscle strength, and sarcopenia are risk factors for onset of GERD: a 5-year prospective longitudinal cohort study. <i>European Spine Journal</i> , <b>2019</b> , 28, 2619-2628	2.7	7
25	Locomotive Syndrome Stage 1 Predicts Significant Worsening of Future Motor Performance: The Prospective Yakumo Study. <i>BioMed Research International</i> , <b>2019</b> , 2019, 1970645	3	7
24	Declining neck circumference is an anthropometric marker related to frailty in middle-aged and elderly women. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 598-603	3.3	7
23	Influence of Global Spine Sagittal Balance and Spinal Degenerative Changes on Locomotive Syndrome Risk in a Middle-Age and Elderly Community-Living Population. <i>BioMed Research International</i> , <b>2020</b> , 2020, 3274864	3	6
22	Weakness of grip strength reflects future locomotive syndrome and progression of locomotive risk stage: A 10-year longitudinal cohort study. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 573-579	3.3	6
21	A retrospective imaging study of surgical outcomes and range of motion in patients with cervical ossification of the posterior longitudinal ligament. <i>European Spine Journal</i> , <b>2018</b> , 27, 1416-1422	2.7	6
20	Carotid artery plaque screening using abdominal aortic calcification on lumbar radiographs. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209175	3.7	5
19	Aggressive osteoblastoma of the cervical spine involving the canal and vertebral artery: a case report. <i>European Spine Journal</i> , <b>2017</b> , 26, 111-116	2.7	4
18	Variety of preoperative MRI changes in spinal cord ependymoma of WHO grade II: a case series. <i>European Spine Journal</i> , <b>2019</b> , 28, 426-433	2.7	4
17	Reduction in body cell mass as a predictor of osteoporosis: A cross-sectional study. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 391-396	3.3	4
16	Impact of pelvic incidence on lumbar osteophyte formation and disc degeneration in middle-aged and elderly people in a prospective cross-sectional cohort. <i>European Spine Journal</i> , <b>2020</b> , 29, 2262-2271	2.7	3
15	Waist Circumference Measured by Bioelectrical Impedance Analysis Is Interchangeable with Manual Measurement: Increased Waist Circumference Is Associated with Locomotive Syndrome Risk. <i>BioMed Research International</i> , <b>2019</b> , 2019, 5971030	3	3
14	Systemic treatment with a novel basic fibroblast growth factor mimic small-molecule compound boosts functional recovery after spinal cord injury. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236050	3.7	3
13	Associations of Serum MicroRNA with Bone Mineral Density in Community-Dwelling Subjects: The Yakumo Study. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5047243	3	3
12	Musculoskeletal Factors and Geriatric Syndromes Related to the Absence of Musculoskeletal Degenerative Disease in Elderly People Aged over 70 Years. <i>BioMed Research International</i> , <b>2019</b> , 2019, 7097652	3	3
11	Differences of locomotive syndrome and frailty in community-dwelling middle-aged and elderly people: Pain, osteoarthritis, spinal alignment, body balance, and quality of life. <i>Modern Rheumatology</i> , <b>2020</b> , 30, 921-929	3.3	3
10	Bioelectrical Impedance Analysis and Manual Measurements of Neck Circumference Are Interchangeable, and Declining Neck Circumference Is Related to Presarcopenia. <i>BioMed Research International</i> , <b>2021</b> , 2021, 6622398	3	2

9	Primary cervical decompression surgery may improve lumbar symptoms in patients with tandem spinal stenosis. <i>European Spine Journal</i> , <b>2021</b> , 30, 899-906	2.7	2
8	Surgical intervention for a pediatric isolated intramedullary spinal aneurysm. <i>European Spine Journal</i> , <b>2018</b> , 27, 342-346	2.7	2
7	Age-related changes in upper and lower cervical alignment and range of motion: normative data of 600 asymptomatic individuals. <i>European Spine Journal</i> , <b>2020</b> , 29, 2378-2383	2.7	1
6	Differences in the prevalence of locomotive syndrome and osteoporosis in Japanese urban and rural regions: The Kashiwara and Yakumo studies. <i>Modern Rheumatology</i> , <b>2021</b> , 1-6	3.3	0
5	Impact of Neck and Shoulder Pain on Health-Related Quality of Life in a Middle-Aged Community-Living Population. <i>BioMed Research International</i> , <b>2021</b> , 2021, 6674264	3	0
4	Intraoperative pedicle screw migration to the abdominal cavity in a severe osteoporotic spine surgery. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , <b>2021</b> , 23, 100943	0.5	
3	Cervical Spinal Cord Compression in Adult Scoliosis. <i>Global Spine Journal</i> , <b>2021</b> , 21925682211041979	2.7	
2	How does intraoperative fracture malalignment affect postoperative function and bone healing following distal femoral fracture? : a retrospective multicentre study.. <i>Bone &amp; Joint Open</i> , <b>2022</b> , 3, 165-172	2.8	
1	Implant-Related Complications after Spinal Fusion: A Multicenter Study.. <i>Global Spine Journal</i> , <b>2022</b> , 2192568222109426		