Satoshi Tanaka

List of Publications by Year
in descending order

63	945	430754	580701
papers	citations	18 h-index	25 g-index

63	63	63	1086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioelectrical Impedance Analysis and Manual Measurements of Neck Circumference Are Interchangeable, and Declining Neck Circumference Is Related to Presarcopenia. BioMed Research International, 2021, 2021, 1-9.	0.9	5
2	Differences in the prevalence of locomotive syndrome and osteoporosis in Japanese urban and rural regions: The Kashiwara and Yakumo studies. Modern Rheumatology, 2021, , 1-6.	0.9	1
3	Postoperative Syrinx Shrinkage in Spinal Ependymoma of WHO Grade II. Clinical Spine Surgery, 2021, 34, E100-E106.	0.7	2
4	The dual presence of frailty and locomotive syndrome is associated with a greater decrease in the EQ-5D-5L index. Nagoya Journal of Medical Science, 2021, 83, 159-167.	0.6	2
5	Declining neck circumference is an anthropometric marker related to frailty in middle-aged and elderly women. Modern Rheumatology, 2020, 30, 598-603.	0.9	13
6	Shoulder pain has most impact on poor quality of life among various types of musculoskeletal pain in middle-aged and elderly people: Yakumo study. Modern Rheumatology, 2020, 30, 568-572.	0.9	27
7	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. Modern Rheumatology, 2020, 30, 402-409.	0.9	13
8	Reduction in body cell mass as a predictor of osteoporosis: A cross-sectional study. Modern Rheumatology, 2020, 30, 391-396.	0.9	5
9	Locomotive syndrome and the power spectral characteristics of body sway. Geriatrics and Gerontology International, 2020, 20, 691-696.	0.7	4
10	Differences of lumbopelvic sagittal parameters among community-dwelling middle-age and elderly individuals: Relations with locomotor physical function. Journal of Clinical Neuroscience, 2020, 73, 80-84.	0.8	6
11	Risk Factors for Neuropathic Pain in Middle-Aged and Elderly People: A Five-Year Longitudinal Cohort in the Yakumo Study. Pain Medicine, 2020, 21, 1604-1610.	0.9	16
12	Higher extracellular water-to-total body water ratio more strongly reflects the locomotive syndrome risk and frailty than sarcopenia. Archives of Gerontology and Geriatrics, 2020, 88, 104042.	1.4	20
13	Connection of discontinuous segments in early functional recovery from thoracic ossification of the posterior longitudinal ligament treated with posterior instrumented surgery. Journal of Neurosurgery: Spine, 2020, 32, 200-206.	0.9	4
14	Association between locomotive syndrome and the Japanese version of the EQ-5D-5L in middle-aged and elderly people in Japan. Nagoya Journal of Medical Science, 2020, 82, 5-14.	0.6	7
15	The decrease in phase angle measured by bioelectrical impedance analysis reflects the increased locomotive syndrome risk in community-dwelling people: The Yakumo study. Modern Rheumatology, 2019, 29, 496-502.	0.9	19
16	Cut off value in each gender and decade of 10-s grip and release and 10-s step test: A comparative study between 454 patients with cervical spondylotic myelopathy and 818 healthy subjects. Clinical Neurology and Neurosurgery, 2019, 184, 105414.	0.6	15
17	Low Bioelectrical Impedance Phase Angle Is a Significant Risk Factor for Frailty. BioMed Research International, 2019, 2019, 1-7.	0.9	38
18	Waist Circumference Measured by Bioelectrical Impedance Analysis Is Interchangeable with Manual Measurement: Increased Waist Circumference Is Associated with Locomotive Syndrome Risk. BioMed Research International, 2019, 2019, 1-7.	0.9	11

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19	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. European Spine Journal, 2019, 28, 2619-2628.	1.0	10
20	Wave changes in intraoperative transcranial motor-evoked potentials during posterior decompression and dekyphotic corrective fusion with instrumentation for thoracic ossification of the posterior longitudinal ligament. European Journal of Orthopaedic Surgery and Traumatology, 2019, 29, 1177-1185.	0.6	4
21	Increasing postural sway in balance test is related to locomotive syndrome risk: A cross-sectional study. Journal of Orthopaedic Science, 2019, 24, 912-917.	0.5	20
22	The decreasing phase angles of the entire body and trunk during bioelectrical impedance analysis are related to locomotive syndrome. Journal of Orthopaedic Science, 2019, 24, 720-724.	0.5	21
23	Characteristics of multi-channel Br(E)-MsEP waveforms for the lower extremity muscles in thoracic spine surgery: comparison based on preoperative motor status. European Spine Journal, 2019, 28, 484-491.	1.0	10
24	Utility of the Serum Cystatin C Level for Diagnosis of Osteoporosis among Middle-Aged and Elderly People. BioMed Research International, 2019, 2019, 1-6.	0.9	14
25	Locomotive Syndrome Stage 1 Predicts Significant Worsening of Future Motor Performance: The Prospective Yakumo Study. BioMed Research International, 2019, 2019, 1-7.	0.9	10
26	Multivariate analysis of factors related to the absence of musculoskeletal degenerative disease in middleâ€aged and older people. Geriatrics and Gerontology International, 2019, 19, 1141-1146.	0.7	6
27	Musculoskeletal Factors and Geriatric Syndromes Related to the Absence of Musculoskeletal Degenerative Disease in Elderly People Aged over 70â€‰Years. BioMed Research International, 2019, 2019, 1-7.	0.9	5
28	Clinical Features of Thoracic Myelopathy: A Single-Center Study. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2019, 3, e18.00090.	0.4	9
29	The Relationship Between Neuropathic Pain and Spinal Alignment. Spine, 2019, 44, E1130-E1135.	1.0	19
30	Postoperative Resolution of MR T2 Increased Signal Intensity in Cervical Spondylotic Myelopathy. Spine, 2019, 44, E1241-E1247.	1.0	8
31	MR T2 image classiï¬cation in adult patients of cervical spinal cord injury without radiographic abnormality: A predictor of surgical outcome. Clinical Neurology and Neurosurgery, 2019, 177, 1-5.	0.6	13
32	Predictors of presarcopenia in community-dwelling older adults: A 5-year longitudinal study. Modern Rheumatology, 2019, 29, 1053-1058.	0.9	12
33	Variety of preoperative MRI changes in spinal cord ependymoma of WHO grade II: a case series. European Spine Journal, 2019, 28, 426-433.	1.0	6
34	Relationship between locomotive syndrome and body composition among community-dwelling middle-age and elderly individuals in Japan: The Yakumo study. Modern Rheumatology, 2019, 29, 491-495.	0.9	25
35	Prediction of surgical site infection in spine surgery from tests of nasal MRSA colonization and drain tip culture. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 1053-1057.	0.6	10
36	Accuracy of intraoperative pathological diagnosis using frozen sections of spinal cord lesions. Clinical Neurology and Neurosurgery, 2018, 167, 117-121.	0.6	10

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37	A low phase angle measured with bioelectrical impedance analysis is associated with osteoporosis and is a risk factor for osteoporosis in community-dwelling people: the Yakumo study. Archives of Osteoporosis, 2018, 13, 39.	1.0	40
38	Factors associated with extension of the scheduled time for spine surgery. Clinical Neurology and Neurosurgery, 2018, 169, 128-132.	0.6	1
39	Alterations in Intramedullary T2-weighted Increased Signal Intensity following Laminoplasty in Cervical Spondylotic Myelopathy Patients. Spine, 2018, 43, 1595-1601.	1.0	16
40	Serum cystatin C level is associated with locomotive syndrome risk and can be an early predictor in community-living people: The Yakumo study. Modern Rheumatology, 2018, 28, 1035-1040.	0.9	20
41	Intraoperative radiation exposure in spinal scoliosis surgery for pediatric patients using the O-armÂ® imaging system. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 579-583.	0.6	21
42	Efficacy of intraoperative lumbar subarachnoid drainage for prevention of cerebrospinal fluid leak after spinal cord tumor resection. Journal of Orthopaedic Science, 2018, 23, 266-272.	0.5	9
43	Image Diagnostic Classification of Magnetic Resonance T2 Increased Signal Intensity in Cervical Spondylotic Myelopathy. Spine, 2018, 43, 420-426.	1.0	21
44	MRI Characteristics of Spinal Ependymoma in WHO Grade II. Spine, 2018, 43, E525-E530.	1.0	32
45	Surgical intervention for a pediatric isolated intramedullary spinal aneurysm. European Spine Journal, 2018, 27, 342-346.	1.0	2
46	Differentiation of spinal myxopapillary ependymomas from schwannomas by contrast-enhanced MRI. Journal of Orthopaedic Science, 2018, 23, 908-911.	0.5	3
47	Feasibility and effects of a selfâ€assembling peptide as a scaffold in bone healing: An in vivo study in rabbit lumbar posterolateral fusion and tibial intramedullary models. Journal of Orthopaedic Research, 2018, 36, 3285-3293.	1.2	8
48	Effects of a self-assembling peptide as a scaffold on bone formation in a defect. PLoS ONE, 2018, 13, e0190833.	1.1	28
49	ï¼œEditors' Choiceï¼ž Surgical outcomes of decompressive laminoplasty with spinous process osteotomy to treat lumbar spinal stenosis. Nagoya Journal of Medical Science, 2018, 80, 1-9.	0.6	13
50	ï¼œEditors' Choiceï¼ž Ultrasound measurement of thigh muscle thickness for assessment of sarcopenia. Nagoya Journal of Medical Science, 2018, 80, 519-527.	0.6	31
51	Perioperative Management of Patients with Hemophilia during Spinal Surgery. Asian Spine Journal, 2018, 12, 442-445.	0.8	7
52	Collaboration with an infection control team for patients with infection after spine surgery. American Journal of Infection Control, 2017, 45, 767-770.	1.1	6
53	Contrast MRI Findings for Spinal Schwannoma as Predictors of Tumor Proliferation and Motor Status. Spine, 2017, 42, E150-E155.	1.0	6
54	Characteristics of Residual Symptoms After Laminoplasty in Diabetic Patients With Cervical Spondylotic Myelopathy. Spine, 2017, 42, E708-E715.	1.0	12

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55	Risk Factors for Ineffectiveness of Posterior Decompression and Dekyphotic Corrective Fusion with Instrumentation for Beak-Type Thoracic Ossification of the Posterior Longitudinal Ligament: A Single Institute Study. Neurosurgery, 2017, 80, 800-808.	0.6	39
56	Prospective Comparison of Age- and Sex-related Differences in Quantifiable 10-S Grip and Release and 10-S Step Test Results for Diagnosis of Cervical Spondylotic Myelopathy in 454 Patients With Cervical Spondylotic Myelopathy and 818 Asymptomatic Subjects. Spine, 2017, 42, 578-585.	1.0	16
57	Optimal Timing of Surgery for Intramedullary Cavernous Hemangioma of the Spinal Cord in Relation to Preoperative Motor Paresis, Disease Duration, and Tumor Volume and Location. Global Spine Journal, 2017, 7, 246-253.	1.2	24
58	Efficacy of Early Fusion With Local Bone Graft and Platelet-Rich Plasma in Lumbar Spinal Fusion Surgery Followed Over 10 Years. Global Spine Journal, 2017, 7, 749-755.	1.2	19
59	Factors for a Good Surgical Outcome in Posterior Decompression and Dekyphotic Corrective Fusion with Instrumentation for Thoracic Ossification of the Posterior Longitudinal Ligament: Prospective Single-Center Study. Operative Neurosurgery, 2017, 13, 661-669.	0.4	24
60	Intrawound Vancomycin powder as the prophylaxis of surgical site infection after invasive spine surgery with a high risk of infection. Nagoya Journal of Medical Science, 2017, 79, 545-550.	0.6	21
61	Resection of Beak-Type Thoracic Ossification of the Posterior Longitudinal Ligament from a Posterior Approach under Intraoperative Neurophysiological Monitoring for Paralysis after Posterior Decompression and Fusion Surgery. Global Spine Journal, 2016, 6, 812-821.	1.2	28
62	Rapid, efficient, and simple motor neuron differentiation from human pluripotent stem cells. Molecular Brain, 2015, 8, 79.	1.3	78
63	Variety of the Wave Change in Compound Muscle Action Potential in an Animal Model. Asian Spine Journal, 2015, 9, 952.	0.8	0