Norihiro Nishida

List of Publications by Year
in descending order

72	693	566801 15	676716 22
papers	citations	h-index	g-index

73	73	73	749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Deterioration of Cervical Kyphosis During Neck Flexion after Laminoplasty Affects the Surgical Outcome of Cervical Spondylotic Myelopathy. Global Spine Journal, 2023, 13, 2497-2507.	1.2	4
2	Soft tissue injury in cervical spine is a risk factor for intersegmental instability: a finite element analysis.. World Neurosurgery, 2022, , .	0.7	6
3	Comparison of the Susceptibility to Implant Failure in the Lateral, Posterior, and Transforaminal Lumbar Interbody Fusion: A Finite Element Analysis. World Neurosurgery, 2022, 164, e835-e843.	0.7	4
4	Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study. Scientific Reports, 2022, 12, .	1.6	1
5	Biomechanical analysis of laminectomy, laminoplasty, posterior decompression with instrumented fusion, and anterior decompression with fusion for the kyphotic cervical spine. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 1531-1541.	1.7	4
6	A radiographic and physical analysis of factors affecting seat belt position in sitting car seat. Scientific Reports, 2022, 12, .	1.6	1
7	Clinical Characteristics of Patients with Ossification of the Posterior Longitudinal Ligament and a High OP Index: A Multicenter Cross-Sectional Study (JOSL Study). Journal of Clinical Medicine, 2022, 11, 3694.	1.0	2
8	Assessment of spinal cord relative vulnerability in C4â€“C5 compressive cervical myelopathy using multi-modal spinal cord evoked potentials and neurological findings. Journal of Spinal Cord Medicine, 2021, 44, 541-548.	0.7	5
9	Tensile mechanical analysis of anisotropy and velocity dependence of the spinal cord white matter: a biomechanical study. Neural Regeneration Research, 2021, 16, 2557.	1.6	1
10	Randomized trial of granulocyte colony-stimulating factor for spinal cord injury. Brain, 2021, 144, 789-799.	3.7	23
11	Tensile Test of Human Lumbar Ligamentum Flavum: Age-Related Changes of Stiffness. Applied Sciences (Switzerland), 2021, 11, 3337.	1.3	11
12	Analysis of individual differences in pelvic and spine alignment in seated posture and impact on the seatbelt kinematics using human body model. PLoS ONE, 2021, 16, e0254120.	1.1	0
13	Impact of various MRI signal intensity changes on radiological parameters, the neurological status, and surgical outcomes in degenerative cervical myelopathy. Clinical Neurology and Neurosurgery, 2021, 207, 106802.	0.6	4
14	Biomechanical Analysis of Posterior Ligaments of Cervical Spine and Laminoplasty. Applied Sciences (Switzerland), 2021, 11, 7645.	1.3	11
15	Ossification of the Anterior Longitudinal Ligament with Dysphagia as the First Symptom: Rehabilitation of Two Cases. Applied Sciences (Switzerland), 2021, 11, 7300.	1.3	1
16	Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. Journal of Clinical Medicine, 2021, 10, 4137.	1.0	4
17	Effects of sclerostin antibody on bone healing. World Journal of Orthopedics, 2021, 12, 651-659.	0.8	6
18	Biomechanical Analysis of the Spine in Diffuse Idiopathic Skeletal Hyperostosis: Finite Element Analysis. Applied Sciences (Switzerland), 2021, 11, 8944.	1.3	3

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19	The associations between radiological and neurological findings of degenerative cervical myelopathy: radiological analysis based on kinematic CT myelography and evoked potentials of the spinal cord. Journal of Neurosurgery: Spine, 2021, 35, 308-319.	0.9	7
20	The Impact of Anterior Spondylolisthesis and Kyphotic Alignment on Dynamic Changes in Spinal Cord Compression and Neurological Status in Cervical Spondylotic Myelopathy. Spine, 2021, 46, 72-79.	1.0	10
21	Association between Severity of Diffuse Idiopathic Skeletal Hyperostosis and Ossification of Other Spinal Ligaments in Patients with Ossification of the Posterior Longitudinal Ligament. Journal of Clinical Medicine, 2021, 10, 4690.	1.0	2
22	Radiological factors associated with the severity of corticospinal tract dysfunctions for cervical spondylotic myelopathy: An analysis of the central motor conduction time and kinematic CT myelography. Journal of Clinical Neuroscience, 2021, 94, 24-31.	0.8	5
23	Risk Factor for Poor Patient Satisfaction After Lumbar Spine Surgery in Elderly Patients Aged Over 80 years. Clinical Spine Surgery, 2021, 34, E223-E228.	0.7	6
24	Greater Trochanteric Fracture with Lesser Trochanter Extension. JBJS Case Connector, 2021, 11, .	0.1	0
25	Current Concepts of Neural Stem/Progenitor Cell Therapy for Chronic Spinal Cord Injury. Frontiers in Cellular Neuroscience, 2021, 15, 794692.	1.8	10
26	Factors associated with an excellent outcome after conservative treatment for patients with proximal cervical spondylotic amyotrophy using electrophysiological, neurological and radiological findings. Journal of Spinal Cord Medicine, 2020, 43, 862-870.	0.7	1
27	Changes in the global spine alignment in the sitting position in an automobile. Spine Journal, 2020, 20, 614-620.	0.6	18
28	Preoperative factors that predict fair outcomes following surgery in patients with proximal cervical spondylotic amyotrophy. A retrospective study. Spinal Cord, 2020, 58, 348-355.	0.9	1
29	Relationship Between Cauda Equina Conduction Time and Type of Neurogenic Intermittent Claudication due to Lumbar Spinal Stenosis. Journal of Clinical Neurophysiology, 2020, 37, 62-67.	0.9	1
30	Associations between Clinical Symptoms and Degree of Ossification in Patients with Cervical Ossification of the Posterior Longitudinal Ligament: A Prospective Multi-Institutional Cross-Sectional Study. Journal of Clinical Medicine, 2020, 9, 4055.	1.0	6
31	Clinically significant changes in pain along the Pain Intensity Numerical Rating Scale in patients with chronic low back pain. PLoS ONE, 2020, 15, e0229228.	1.1	88
32	Clinical characteristics in patients with ossification of the posterior longitudinal ligament: A prospective multi-institutional cross-sectional study. Scientific Reports, 2020, 10, 5532.	1.6	11
33	The radiological characteristics associated with the development of myelopathy due to ossification of the posterior longitudinal ligaments at each responsible level based on spinal cord evoked potentials. Clinical Neurology and Neurosurgery, 2020, 194, 105814.	0.6	5
34	Compression analysis of the gray and white matter of the spinal cord. Neural Regeneration Research, 2020, 15, 1344.	1.6	6
35	Biomechanics of the Spinal Cord Compression Due to Cervical Ossification of the Posterior Longitudinal Ligament. , 2020, , 153-163.		0
36	Finite Element Method Analysis of Compression Fractures on Whole-Spine Models Including the Rib Cage. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-10.	0.7	15

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37	Ageâ€'related changes of the spinal cord: A biomechanical study. Experimental and Therapeutic Medicine, 2018, 15, 2824-2829.	0.8	11
38	Finite element analysis of compression fractures at the thoracolumbar junction using models constructed from medical images. Experimental and Therapeutic Medicine, 2018, 15, 3225-3230.	0.8	16
39	Utility of the central motor conduction time recorded from the abductor pollicis brevis and the abductor digiti minimi muscles in patients with C6â€"7 myelopathy. Journal of Spinal Cord Medicine, 2018, 41, 182-191.	0.7	9
40	Study protocol for the G-SPIRIT trial: a randomised, placebo-controlled, double-blinded phase III trial of granulocyte colony-stimulating factor-mediated neuroprotection for acute spinal cord injury. BMJ Open, 2018, 8, e019083.	0.8	17
41	Biomechanical Study of Cervical Posterior Decompression. Asian Spine Journal, 2018, 12, 391-397.	0.8	6
42	Effects of differences in age and body height on normal values of central motor conduction time determined by F-waves. Journal of Spinal Cord Medicine, 2017, 40, 181-187.	0.7	16
43	Neurologic findings caused by ossification of ligamentum flavum at the thoracolumbar junction. Journal of Spinal Cord Medicine, 2017, 40, 316-320.	0.7	16
44	Cervical ossification of the posterior longitudinal ligament: factors affecting the effect of posterior decompression. Journal of Spinal Cord Medicine, 2017, 40, 93-99.	0.7	13
45	Use of Central Motor Conduction Time and Spinal Cord Evoked Potentials in the Electrophysiological Assessment of Compressive Cervical Myelopathy. Spine, 2017, 42, 895-902.	1.0	16
46	Operative methods for delayed paralysis after osteoporotic vertebral fracture. Journal of Orthopaedic Surgery, 2017, 25, 230949901771719.	0.4	4
47	Cauda Equina Conduction Time Determined by F-Waves in Normal Subjects and Patients With Neurogenic Intermittent Claudication Caused by Lumbar Spinal Stenosis. Journal of Clinical Neurophysiology, 2017, 34, 132-138.	0.9	5
48	Psychogenic Low-Back Pain and Hysterical Paralysis in Adolescence. Clinical Spine Surgery, 2017, 30, E1122-E1125.	0.7	5
49	Biomechanical analysis of brachial plexus injury: Availability of three-dimensional finite element model of the brachial plexus. Experimental and Therapeutic Medicine, 2017, 15, 1989-1993.	0.8	9
50	A Novel Scoring System Associated With Surgical Outcome of Distal-type Cervical Spondylotic Amyotrophy. Clinical Spine Surgery, 2017, 30, E1182-E1189.	0.7	4
51	Analysis of stress application at the thoracolumbar junction and influence of vertebral body collapse on the spinal cord and cauda equina. Experimental and Therapeutic Medicine, 2017, 15, 1177-1184.	0.8	0
52	Reduction of vertebral height with fragility vertebral fractures can induce variety of neurological deterioration. Journal of Orthopaedic Surgery and Research, 2017, 12, 145.	0.9	4
53	Risk factors of cervical surgery related complications in patients older than 80 years. Spine Surgery and Related Research, 2017, 1, 179-184.	0.4	3
54	Simulation of cervical spinal cord compression with anisotropic material properties of white and gray matter. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2017, 2017.29, 2D12.	0.0	0

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55	Simulation of damage behavior in vertebral body at compression fracture. The Proceedings of Conference of Chugoku-Shikoku Branch, 2017, 2017.55, K0101.	0.0	0
56	Cervical Ossification of the Posterior Longitudinal Ligament: Biomechanical Analysis of the Influence of Static and Dynamic Factors.. Yamaguchi Medical Journal, 2017, 66, 11-16.	0.1	0
57	Modelling of brachial plexus and Numerical simulation of brachial plexus injury. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2017, 2017.29, 2D13.	0.0	0
58	Diagnosis and Characters of Non-Specific Low Back Pain in Japan: The Yamaguchi Low Back Pain Study. PLoS ONE, 2016, 11, e0160454.	1.1	51
59	A case of an anaplastic meningioma metastasizing to the mediastinal lymph nodes. Journal of Spinal Cord Medicine, 2016, 39, 484-492.	0.7	5
60	Stress analysis of the cervical spinal cord: Impact of the morphology of spinal cord segments on stress. Journal of Spinal Cord Medicine, 2016, 39, 327-334.	0.7	19
61	Transcranial Magnetic Stimulation in the Diagnosis of Cervical Compressive Myelopathy. Spine, 2015, 40, E161-E167.	1.0	16
62	Artificial collagen-filament scaffold promotes axon regeneration and long tract reconstruction in a rat model of spinal cord transection. Medical Molecular Morphology, 2015, 48, 214-224.	0.4	20
63	Large spinal intraosseous arteriovenous fistula: case report. Journal of Neurosurgery: Spine, 2015, 22, 406-408.	0.9	4
64	Cervical ossification of the posterior longitudinal ligament: Biomechanical analysis of the influence of static and dynamic factors. Journal of Spinal Cord Medicine, 2015, 38, 593-598.	0.7	22
65	Mechanical properties of nerve roots and rami radiculares isolated from fresh pig spinal cords. Neural Regeneration Research, 2015, 10, 1869.	1.6	10
66	1E46 Construction of 3-D FEM model of Spinal cord and Stress Analysis for Nerve Root Area. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2015, 2015.27, 221-222.	0.0	0
67	1E45 Investigation into Pathogenic Mechanisms of Conus Medullaris Syndrome using Finite Element Method. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2015, 2015.27, 219-220.	0.0	0
68	Biomechanical analysis of cervical myelopathy due to ossification of the posterior longitudinal ligament: Effects of posterior decompression and kyphosis following decompression. Experimental and Therapeutic Medicine, 2014, 7, 1095-1099.	0.8	23
69	Results of surgical treatment of cervical spondylotic myelopathy in patients aged 75Âyears or more: a comparative study of operative methods. Archives of Orthopaedic and Trauma Surgery, 2014, 134, 1045-1050.	1.3	19
70	Biomechanical analysis of the spinal cord in Brown-SÃ©quard syndrome. Experimental and Therapeutic Medicine, 2013, 6, 1184-1188.	0.8	9
71	Biomechanical analysis of cervical spondylotic myelopathy: The influence of dynamic factors and morphometry of the spinal cord. Journal of Spinal Cord Medicine, 2012, 35, 256-261.	0.7	35
72	Biomechanical study of the spinal cord in thoracic ossification of the posterior longitudinal ligament. Journal of Spinal Cord Medicine, 2011, 34, 518-522.	0.7	23