Yu Zhu

List of Publications by Year
in descending order

24 papers	224 citations	1040056 9 h-index	1058476 14 g-index
24 all docs	24 docs citations	24 times ranked	165 citing authors

#	Article	IF	Citations
1	Preoperative dynamic quantitative sensory testing in remote pain-free areas is associated with axial pain after posterior cervical spinal surgeries. BMC Musculoskeletal Disorders, 2022, 23, 409.	1.9	6
2	Motor-evoked potentials in the intraoperative decision-making of circumferential decompression via posterior approach for treating thoracic posterior longitudinal ligament ossification. Spine Journal, 2021, 21, 1168-1175.	1.3	2
3	Comparison of Intraoperative Neuromonitoring Outcome in Treating Thoracic Ossification of the Ligamentum Flavum Through En Bloc Versus Piecemeal Laminectomy. Spine, 2021, 46, 1197-1205.	2.0	4
4	Preoperative electrophysiologic assessment of C5-innervated muscles in predicting C5 palsy after posterior cervical decompression. European Spine Journal, 2021, 30, 1681-1688.	2.2	5
5	Intraoperative electromyographic techniques for the decision-making of tumor-involved nerve root resection for treating spinal schwannomas. Spine Journal, 2021, 21, 1900-1907.	1.3	4
6	Early surgery improves peripheral motor axonal dysfunction in acute traumatic central cord syndrome: A prospective cohort study. Clinical Neurophysiology, 2021, 132, 1398-1406.	1.5	2
7	Quantitative assessment of motor impairment and surgical outcome in Hirayama disease with proximal involvement using motor unit number index. Neurophysiologie Clinique, 2021, 51, 375-386.	2.2	6
8	Motor unit number index in quantitatively assessing motor root lesions and monitoring treatment outcomes in patients with lumbosacral radiculopathy. Muscle and Nerve, 2020, 61, 759-766.	2.2	5
9	Early Surgical Decompression Ameliorates Dysfunction of Spinal Motor Neuron in Patients With Acute Traumatic Central Cord Syndrome. Spine, 2020, 45, E829-E838.	2.0	11
10	Split-hand phenomenon quantified by the motor unit number index for distinguishing cervical spondylotic amyotrophy from amyotrophic lateral sclerosis. Neurophysiologie Clinique, 2019, 49, 391-404.	2.2	13
11	Motor unit number index (MUNIX) in the quantitative assessment of severity and surgical outcome in cervical spondylotic amyotrophy. Clinical Neurophysiology, 2019, 130, 1465-1473.	1.5	5
12	Changes in Central Motor Conduction Time and Its Implication on Dysfunction of Distal Upper Limb in Distal-Type Cervical Spondylotic Amyotrophy. Journal of Clinical Neurophysiology, 2019, 36, 52-59.	1.7	3
13	Altered motor axonal excitability in patients with cervical spondylotic amyotrophy. Clinical Neurophysiology, 2018, 129, 1383-1389.	1.5	3
14	CAN anterior cervical fusion procedures prevent the progression of the natural course of Hirayama disease? An ambispective cohort analysis. Clinical Neurophysiology, 2018, 129, 2341-2349.	1.5	21
15	F-waves of peroneal and tibial nerves in the differential diagnosis and follow-up evaluation of L5 and S1 radiculopathies. European Spine Journal, 2018, 27, 1734-1743.	2.2	5
16	Trans-synaptic degeneration of motoneurons distal to chronic cervical spinal cord compression in cervical spondylotic myelopathy. International Journal of Neuroscience, 2017, 127, 988-995.	1.6	12
17	Repetitive nerve stimulation as a diagnostic aid for distinguishing cervical spondylotic amyotrophy from amyotrophic lateral sclerosis. European Spine Journal, 2017, 26, 1929-1936.	2.2	20
18	Handheld Electrical Impedance Myography Probe for Assessing Carpal Tunnel Syndrome. Annals of Biomedical Engineering, 2017, 45, 1572-1580.	2.5	13

#	Article	IF	Citations
19	Motor unit number estimation in the quantitative assessment of severity and progression of motor unit loss in Hirayama disease. Clinical Neurophysiology, 2017, 128, 1008-1014.	1.5	16
20	Changes in the soleus H-reflex test and correlations between its results and dynamic magnetic resonance imaging abnormalities in patients with Hirayama disease. Clinical Neurophysiology, 2017, 128, 2375-2381.	1.5	5
21	A double determination of central motor conduction time in the assessment of Hirayama disease. Clinical Neurophysiology, 2017, 128, 2369-2374.	1.5	9
22	A study of dynamic F-waves in juvenile spinal muscular atrophy of the distal upper extremity (Hirayama) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	19
23	The prevalence of tarsal tunnel syndrome in patients with lumbosacral radiculopathy. European Spine Journal, 2016, 25, 895-905.	2.2	25
24	Abnormal Flexor Carpi Radialis H-Reflex as a Specific Indicator of C7 as Compared With C6 Radiculopathy. Journal of Clinical Neurophysiology, 2014, 31, 529-534.	1.7	10