Wen-Cheng Huang

List of Publications by Year
in descending order

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30 papers	880 citations	471509 17 h-index	477307 29 g-index

30 all docs	30 docs citations	30 times ranked	730 citing authors

#	Article	IF	Citations
1	Heterotopic ossification after cervical total disc replacement: determination by CT and effects on clinical outcomes. Journal of Neurosurgery: Spine, 2011, 14, 457-465.	1.7	89
2	Acid Fibroblast Growth Factor and Peripheral Nerve Grafts Regulate Th2 Cytokine Expression, Macrophage Activation, Polyamine Synthesis, and Neurotrophin Expression in Transected Rat Spinal Cords. Journal of Neuroscience, 2011, 31, 4137-4147.	3.6	84
3	The Incidence of Adjacent Segment Disease Requiring Surgery After Anterior Cervical Diskectomy and Fusion: Estimation Using an 11-Year Comprehensive Nationwide Database in Taiwan. Neurosurgery, 2012, 70, 594-601.	1.1	82
4	Acidic fibroblast growth factor for repair of human spinal cord injury: a clinical trial. Journal of Neurosurgery: Spine, 2011, 15, 216-227.	1.7	74
5	The effects of carpentry on heterotopic ossification and mobility in cervical arthroplasty: determination by computed tomography with a minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2012, 16, 601-609.	1.7	74
6	Nerve repair using acidic fibroblast growth factor in human cervical spinal cord injury: a preliminary Phase I clinical study. Journal of Neurosurgery: Spine, 2008, 8, 208-214.	1.7	58
7	Effects of Age, Gender, and Socio-Economic Status on the Incidence of Spinal Cord Injury: An Assessment Using the Eleven-Year Comprehensive Nationwide Database of Taiwan. Journal of Neurotrauma, 2012, 29, 889-897.	3.4	38
8	Can segmental mobility be increased by cervical arthroplasty?. Neurosurgical Focus, 2017, 42, E3.	2.3	36
9	Postoperative nonsteroidal antiinflammatory drugs and the prevention of heterotopic ossification after cervical arthroplasty: analysis using CT and a minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2015, 22, 447-453.	1.7	33
10	Is cervical disc arthroplasty good for congenital cervical stenosis?. Journal of Neurosurgery: Spine, 2017, 26, 577-585.	1.7	30
11	Hybrid Corpectomy and Disc Arthroplasty for Cervical Spondylotic Myelopathy Caused by Ossification of Posterior Longitudinal Ligament and Disc Herniation. World Neurosurgery, 2016, 95, 22-30.	1.3	27
12	The combination of peripheral nerve grafts and acidic fibroblast growth factor enhances arginase I and polyamine spermine expression in transected rat spinal cords. Biochemical and Biophysical Research Communications, 2007, 357, 1-7.	2.1	26
13	Should Cervical Disc Arthroplasty Be Done on Patients with Increased Intramedullary Signal Intensity on Magnetic Resonance Imaging?. World Neurosurgery, 2016, 89, 489-496.	1.3	24
14	Differences between C3â€“4 and other subaxial levels of cervical disc arthroplasty: more heterotopic ossification at the 5-year follow-up. Journal of Neurosurgery: Spine, 2016, 24, 752-759.	1.7	23
15	Functional improvement in chronic human spinal cord injury: Four years after acidic fibroblast growth factor. Scientific Reports, 2018, 8, 12691.	3.3	20
16	Combined treatment using peripheral nerve graft and FGF-1: Changes to the glial environment and differential macrophage reaction in a complete transected spinal cord. Neuroscience Letters, 2008, 433, 163-169.	2.1	19
17	Acidic Fibroblast Growth Factor in Spinal Cord Injury. Neurospine, 2019, 16, 728-738.	2.9	18
18	Cervical disc arthroplasty for less-mobile discs. Journal of Neurosurgery: Spine, 2019, 31, 310-316.	1.7	18

#	Article	IF	Citations
19	A novel strategy for repairing preganglionic cervical root avulsion in brachial plexus injury by sural nerve grafting. Journal of Neurosurgery, 2009, 110, 775-785.	1.6	17
20	Effects of smoking on cervical disc arthroplasty. Journal of Neurosurgery: Spine, 2019, 30, 168-174.	1.7	17
21	Sensory and motor recovery after repairing transected cervical roots. World Neurosurgery, 2007, 68, S17-S24.	1.3	15
22	Resection of uncovertebral joints and posterior longitudinal ligament for cervical disc arthroplasty. Neurosurgical Focus, 2017, 42, V2.	2.3	13
23	The Effect of T1-Slope in Spinal Parameters After Cervical Disc Arthroplasty. Neurosurgery, 2020, 87, 1231-1239.	1.1	12
24	Outcomes of Common Peroneal Nerve Lesions After Surgical Repair With Acidic Fibroblast Growth Factor. Journal of Trauma, 2009, 66, 1379-1384.	2.3	11
25	Anterior Bone Loss in Cervical Disc Arthroplasty Correlates with Increased Cervical Lordosis. World Neurosurgery, 2022, , .	1.3	6
26	Repairing the ventral root is sufficient for simultaneous motor and sensory recovery in multiple complete cervical root transection injuries. Life Sciences, 2014, 109, 44-49.	4.3	5
27	Stepwise illustration of teeth-fixation semi-constrained cervical disc arthroplasty. Neurosurgical Focus, 2017, 42, V4.	2.3	4
28	The Application of an Omentum Graft or Flap in Spinal Cord Injury. International Journal of Molecular Sciences, 2021, 22, 7930.	4.1	4
29	Late complication of cervical disc arthroplasty: heterotopic ossification causing myelopathy after 10 years. Illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, .	0.3	2
30	Taiwan Neurosurgical Spine Society: The New Shining Star. Neurospine, 2018, 15, 285-295.	2.9	1