

Wen-Cheng Huang

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,337
citations

201658

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243610

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104
all docs

104
docs citations

104
times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative Sore Throat Helps Predict Swallowing Disturbance on Postoperative Day 30 of Anterior Cervical Spine Surgery: A Secondary Exploratory Analysis of a Randomized Clinical Trial of Tracheal Intubation Modes. <i>Dysphagia</i> , 2022, 37, 37-47.	1.8	3
2	Cortical Bone Trajectory-Based Dynamic Stabilization. <i>World Neurosurgery</i> , 2022, 159, e416-e424.	1.3	0
3	Augmented Reality-Assisted Percutaneous Pedicle Screw Instrumentation: A Cadaveric Feasibility and Accuracy Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5261.	2.5	4
4	Practice and outcomes of airway management in patients with cervical orthoses. <i>Journal of the Formosan Medical Association</i> , 2021, 121, 108-108.	1.7	1
5	Minocycline exhibits synergism with conditioned medium of bone marrow mesenchymal stem cells against ischemic stroke. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 279-292.	2.7	6
6	Cloward's approach for Pancoast neurogenic tumors: illustrative cases. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 1, .	0.3	0
7	The Application of an Omentum Graft or Flap in Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7930.	4.1	4
8	Correlation of bone density to screw loosening in dynamic stabilization: an analysis of 176 patients. <i>Scientific Reports</i> , 2021, 11, 17519.	3.3	9
9	Stem cell transplantation and/or adenoviral glial cell line-derived neurotrophic factor promote functional recovery in hemiparkinsonian rats. <i>World Journal of Stem Cells</i> , 2021, 13, 78-90.	2.8	1
10	Cranio-Vertebral Junction Triangular Area: Quantification of Brain Stem Compression by Magnetic Resonance Images. <i>Brain Sciences</i> , 2021, 11, 64.	2.3	4
11	Traumatic Vertebral Fracture in a Patient With Transforaminal Lumbar Interbody Fusion: A Rare Complication. <i>Cureus</i> , 2021, 13, e19004.	0.5	0
12	Combined Anterior and Posterior Decompression With Fusion for Cervical Ossification of the Posterior Longitudinal Ligament. <i>Frontiers in Surgery</i> , 2021, 8, 730133.	1.4	6
13	Effect of Tracheal Intubation Mode on Cuff Pressure During Retractor Splay and Dysphonia Recovery After Anterior Cervical Spine Surgery. <i>Spine</i> , 2020, 45, 565-572.	2.0	8
14	Natural History of Acromegaly: Incidences, Re-operations, Cancers, and Mortality Rates in a National Cohort. <i>Neuroendocrinology</i> , 2020, 110, 977-987.	2.5	17
15	Commentary: Low-Grade Infection and Implant Failure Following Spinal Instrumentation: A Prospective Comparative Study. <i>Neurosurgery</i> , 2020, 87, E541-E542.	1.1	2
16	Response: Effect of Tracheal Intubation Mode on Cuff Pressure During Retractor Splay and Dysphonia Recovery after Anterior Cervical Spine Surgery. <i>Spine</i> , 2020, 45, E1052-E1054.	2.0	2
17	Minimally invasive dynamic screw stabilization using cortical bone trajectory. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 605.	1.9	6
18	Early Discharged Lumbar Spine Fusion Reduced Postoperative Readmissions: A Retrospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1335.	2.6	0

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19	The Effect of T1-Slope in Spinal Parameters After Cervical Disc Arthroplasty. <i>Neurosurgery</i> , 2020, 87, 1231-1239.	1.1	12
20	Neuroprotection in the Acute Stage Enables Functional Recovery Following Repair of Chronic Cervical Root Transection After a 3-Week Delay. <i>Neurosurgery</i> , 2020, 87, 823-832.	1.1	1
21	Comparison of Radiation Exposure Between O-Arm Navigated and C-Arm Guided Screw Placement in Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2020, 139, e489-e495.	1.3	17
22	Less Opioid Consumption With Enhanced Recovery After Surgery Transforaminal Lumbar Interbody Fusion (TLIF): A Comparison to Standard Minimally-Invasive TLIF. <i>Neurospine</i> , 2020, 17, 228-236.	2.9	30
23	Serious dysphagia following anterior cervical discectomy and fusion: long-term incidence in a national cohort. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 231-237.	0.6	13
24	Radiological and clinical outcomes of 3-level cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 174-181.	1.7	17
25	Effects of smoking on pedicle screw-based dynamic stabilization: radiological and clinical evaluations of screw loosening in 306 patients. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 398-405.	1.7	9
26	Letter to the Editor. Indolent clinical and radiological effects of cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 984-985.	1.7	0
27	Are Surgically Remediable Headaches Associated With Cervical Spondylosis Equivalent to "Cervicogenic Headaches"? <i>Neurospine</i> , 2020, 17, 374-376.	2.9	1
28	Effects of smoking on cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 168-174.	1.7	17
29	Characterizing the Neuroprotective Effects of S/B Remedy (<i>Scutellaria baicalensis</i> Georgi and) Tj ETQq1 1 0.784314,rgBT /Overlock 10 T	3.8	6
30	Long Term Outcomes and Effects of Surgery on Degenerative Spinal Deformity: A 14-Year National Cohort Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 483.	2.4	5
31	Radiological and clinical outcomes of cervical disc arthroplasty for the elderly: a comparison with young patients. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 115.	1.9	12
32	Early Discharge for Anterior Cervical Fusion Surgery: Prediction of Readmission and Special Considerations for Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 641.	2.6	7
33	The superiority of conditioned medium derived from rapidly expanded mesenchymal stem cells for neural repair. <i>Stem Cell Research and Therapy</i> , 2019, 10, 390.	5.5	34
34	Attenuating Spinal Cord Injury by Conditioned Medium from Bone Marrow Mesenchymal Stem Cells. <i>Journal of Clinical Medicine</i> , 2019, 8, 23.	2.4	42
35	Anterior Cervical Discectomy and Fusion for Hirayama Disease: A Case Report and Literature Review. <i>Neurospine</i> , 2019, 16, 626-630.	2.9	11
36	Suture Repair in Endoscopic Surgery for Craniovertebral Junction. <i>Neurospine</i> , 2019, 16, 257-266.	2.9	4

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37	Differences in fixation strength among constructs of atlantoaxial fixation. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 52-59.	1.7	23
38	Unintended facet fusions after Dynesys dynamic stabilization in patients with spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 353-361.	1.7	10
39	Cervical disc arthroplasty for less-mobile discs. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 310-316.	1.7	18
40	Disappearance of Anterior Cervical Corpectomy Cage. <i>Cureus</i> , 2019, 11, e3985.	0.5	3
41	Changes of Facet Joints After Dynamic Stabilization: Continuous Degeneration or Slow Fusion?. <i>World Neurosurgery</i> , 2018, 113, e45-e50.	1.3	10
42	Surgical Treatment for a Giant Solitary Plasmacytoma with Skull Erosion. <i>Cureus</i> , 2018, 10, e3535.	0.5	4
43	A Hybrid Dynamic Stabilization and Fusion System in Multilevel Lumbar Spondylosis. <i>Neurospine</i> , 2018, 15, 231-241.	2.9	17
44	Ossification of the Posterior Longitudinal Ligament in Cervical Spine: Prevalence, Management, and Prognosis. <i>Neurospine</i> , 2018, 15, 33-41.	2.9	51
45	Functional improvement in chronic human spinal cord injury: Four years after acidic fibroblast growth factor. <i>Scientific Reports</i> , 2018, 8, 12691.	3.3	20
46	Radiological adjacent-segment degeneration in L4-5 spondylolisthesis: comparison between dynamic stabilization and minimally invasive transforaminal lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 250-258.	1.7	27
47	Higher Risk of Intervertebral Disc Herniation among Neurosurgeons Than Neurologists: 15 Year-Follow-Up of a Physician Cohort. <i>Journal of Clinical Medicine</i> , 2018, 7, 198.	2.4	0
48	The Option of Motion Preservation in Cervical Spondylosis: Cervical Disc Arthroplasty Update. <i>Neurospine</i> , 2018, 15, 296-305.	2.9	32
49	Environmental metabolite, 1, 2-diacetylbenzene, produces cytotoxicity in neuronal/glial cultures. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-1-81.	0.0	0
50	Primary Choroid Plexus Papilloma over Sellar Region Mimicking with Craniopharyngioma: A Case Report and Literature Review. <i>Cureus</i> , 2018, 10, e2849.	0.5	4
51	Taiwan Neurosurgical Spine Society: The New Shining Star. <i>Neurospine</i> , 2018, 15, 285-295.	2.9	1
52	Resection of uncovertebral joints and posterior longitudinal ligament for cervical disc arthroplasty. <i>Neurosurgical Focus</i> , 2017, 42, V2.	2.3	13
53	Can segmental mobility be increased by cervical arthroplasty?. <i>Neurosurgical Focus</i> , 2017, 42, E3.	2.3	36
54	Is cervical disc arthroplasty good for congenital cervical stenosis?. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 577-585.	1.7	30

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55	Letter to the Editor: Strategic use of cone-beam CT in modern spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 544-545.	1.7	0
56	Letter to the Editor: Endoscopic transsphenoidal pituitary surgery. <i>Journal of Neurosurgery</i> , 2017, 126, 1022-1023.	1.6	2
57	Stepwise illustration of teeth-fixation semi-constrained cervical disc arthroplasty. <i>Neurosurgical Focus</i> , 2017, 42, V4.	2.3	4
58	Data on the expression of leptin and leptin receptor in the dorsal root ganglion and spinal cord after preganglionic cervical root avulsion. <i>Data in Brief</i> , 2017, 15, 567-572.	1.0	5
59	Leptin is essential for microglial activation and neuropathic pain after preganglionic cervical root avulsion. <i>Life Sciences</i> , 2017, 187, 31-41.	4.3	14
60	Improving the regenerative potential of olfactory ensheathing cells by overexpressing prostacyclin synthetase and its application in spinal cord repair. <i>Journal of Biomedical Science</i> , 2017, 24, 34.	7.0	9
61	Letter to the Editor: Pedicle screw-based dynamic stabilization and adjacent-segment disease. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 405-406.	1.7	4
62	Increased Risk of Stroke in Patients of Concussion: A Nationwide Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 230.	2.6	26
63	Unusual imaging presentation of spinal glomus tumor: case report. <i>Journal of Spine Surgery</i> , 2017, 3, 715-718.	1.2	3
64	Dynesys dynamic stabilization-related facet arthrodesis. <i>Neurosurgical Focus</i> , 2016, 40, E4.	2.3	24
65	Should Cervical Disc Arthroplasty Be Done on Patients with Increased Intramedullary Signal Intensity on Magnetic Resonance Imaging?. <i>World Neurosurgery</i> , 2016, 89, 489-496.	1.3	24
66	Hybrid Corpectomy and Disc Arthroplasty for Cervical Spondylotic Myelopathy Caused by Ossification of Posterior Longitudinal Ligament and Disc Herniation. <i>World Neurosurgery</i> , 2016, 95, 22-30.	1.3	27
67	Risk of spinal cord injury in patients with cervical spondylotic myelopathy and ossification of posterior longitudinal ligament: a national cohort study. <i>Neurosurgical Focus</i> , 2016, 40, E4.	2.3	39
68	Letter to the Editor: Post-ACDF imaging in patients with metallic implants. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 418-419.	1.7	0
69	Dynamic stabilization for L4-5 spondylolisthesis: comparison with minimally invasive transforaminal lumbar interbody fusion with more than 2 years of follow-up. <i>Neurosurgical Focus</i> , 2016, 40, E3.	2.3	28
70	Hyperlipidemia and Statins Affect Neurological Outcome in Lumbar Spine Injury. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 402-413.	2.6	2
71	Lower Risk of Stroke after Deformity Surgery: Long Term Benefit Demonstrated by a National Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 12618-12627.	2.6	1
72	The Effect of Lumbar Lordosis on Screw Loosening in Dynesys Dynamic Stabilization: Four-Year Follow-Up with Computed Tomography. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	20

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73	Letter to the Editor: Differences between Dynamic Cervical Implant and artificial discs. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 534-536.	1.7	0
74	Cervical Arthroplasty for Traumatic Disc Herniation: An Age- and Sex-matched Comparison with Anterior Cervical Discectomy and Fusion. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 228.	1.9	29
75	Local Delivery of High-Dose Chondroitinase ABC in the Sub-Acute Stage Promotes Axonal Outgrowth and Functional Recovery after Complete Spinal Cord Transection. <i>PLoS ONE</i> , 2015, 10, e0138705.	2.5	29
76	Repairing the ventral root is sufficient for simultaneous motor and sensory recovery in multiple complete cervical root transection injuries. <i>Life Sciences</i> , 2014, 109, 44-49.	4.3	5
77	Letter to the Editor: Complication avoidance in intradural extramedullary spinal tumors. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 768-769.	1.7	3
78	Arthroplasty for cervical spondylotic myelopathy: similar results to patients with only radiculopathy at 3 years' follow-up. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 400-410.	1.7	45
79	Differences between arthroplasty and anterior cervical fusion in two-level cervical degenerative disc disease. <i>European Spine Journal</i> , 2014, 23, 627-634.	2.2	64
80	Recovery of neurological function of ischemic stroke by application of conditioned medium of bone marrow mesenchymal stem cells derived from normal and cerebral ischemia rats. <i>Journal of Biomedical Science</i> , 2014, 21, 5.	7.0	91
81	Coexistence of neurofibroma and meningioma at exactly the same level of the cervical spine. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 594-597.	1.4	8
82	Dynamic stabilization for degenerative spondylolisthesis: Evaluation of radiographic and clinical outcomes. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 535-541.	1.4	49
83	Epidemiology of cervical spondylotic myelopathy and its risk of causing spinal cord injury: a national cohort study. <i>Neurosurgical Focus</i> , 2013, 35, E10.	2.3	152
84	Intervertebral Disc Rehydration after Lumbar Dynamic Stabilization: Magnetic Resonance Image Evaluation with a Mean Followup of Four Years. <i>Advances in Orthopedics</i> , 2013, 2013, 1-8.	1.0	23
85	Comparative Effects of Bone Marrow Mesenchymal Stem Cells on Lipopolysaccharide-Induced Microglial Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	4.0	11
86	Increased risk of stroke after spinal cord injury. <i>Neurology</i> , 2012, 78, 1051-1057.	1.1	110
87	Differences between soft-disc herniation and spondylosis in cervical arthroplasty: CT-documented heterotopic ossification with minimum 2 years of follow-up. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 163-171.	1.7	57
88	Differences between 1- and 2-level cervical arthroplasty: more heterotopic ossification in 2-level disc replacement. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 594-600.	1.7	77
89	The Incidence of Adjacent Segment Disease Requiring Surgery After Anterior Cervical Discectomy and Fusion: Estimation Using an 11-Year Comprehensive Nationwide Database in Taiwan. <i>Neurosurgery</i> , 2012, 70, 594-601.	1.1	82
90	Conservatively Treated Ossification of the Posterior Longitudinal Ligament Increases the Risk of Spinal Cord Injury: A Nationwide Cohort Study. <i>Journal of Neurotrauma</i> , 2012, 29, 462-468.	3.4	47

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91	The risk of stroke after spinal fusion surgery: a national cohort study. <i>Spine Journal</i> , 2012, 12, 492-499.	1.3	9
92	Lumbar spine fusion surgery and stroke: a national cohort study. <i>European Spine Journal</i> , 2012, 21, 2680-2687.	2.2	9
93	The Risk of Stroke after Percutaneous Vertebroplasty for Osteoporosis: A Population-Based Cohort Study. <i>PLoS ONE</i> , 2012, 7, e31405.	2.5	2
94	Adeno-associated virus-mediated human acidic fibroblast growth factor expression promotes functional recovery of spinal cord-contused rats. <i>Journal of Gene Medicine</i> , 2011, 13, 283-289.	2.8	21
95	Pedicle screw loosening in dynamic stabilization: incidence, risk, and outcome in 126 patients. <i>Neurosurgical Focus</i> , 2011, 31, E9.	2.3	124
96	Acid Fibroblast Growth Factor and Peripheral Nerve Grafts Regulate Th2 Cytokine Expression, Macrophage Activation, Polyamine Synthesis, and Neurotrophin Expression in Transected Rat Spinal Cords. <i>Journal of Neuroscience</i> , 2011, 31, 4137-4147.	3.6	84
97	Ossification of the posterior longitudinal ligament in the cervical spine: an 11-year comprehensive national epidemiology study. <i>Neurosurgical Focus</i> , 2011, 30, E5.	2.3	47
98	Screw loosening in the Dynesys stabilization system: radiographic evidence and effect on outcomes. <i>Neurosurgical Focus</i> , 2010, 28, E10.	2.3	100
99	Silymarin protects spinal cord and cortical cells against oxidative stress and lipopolysaccharide stimulation. <i>Neurochemistry International</i> , 2010, 57, 867-875.	3.8	52
100	Gait analysis of spinal cord injured rats after delivery of chondroitinase ABC and adult olfactory mucosa progenitor cell transplantation. <i>Neuroscience Letters</i> , 2010, 472, 79-84.	2.1	18
101	ENDOSCOPIC TRANSNASAL TRANSCLIVAL ODONTOIDECTOMY. <i>Operative Neurosurgery</i> , 2008, 63, ONSE92-ONSE94.	0.8	32
102	Dual effect of adenovirus-mediated transfer of BMP7 in mixed neuron-glia cultures: Neuroprotection and cellular differentiation. <i>Journal of Neuroscience Research</i> , 2007, 85, 2950-2959.	2.9	32
103	Chondroitinase ABC promotes axonal re-growth and behavior recovery in spinal cord injury. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 963-968.	2.1	69
104	Effect of Enhanced Prostacyclin Synthesis by Adenovirus-Mediated Transfer on Lipopolysaccharide Stimulation in Neuron-Glia Cultures. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 338-348.	3.8	14