

David Choi

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,686
citations

430874

18
h-index

302126

39
g-index

68
all docs

68
docs citations

68
times ranked

2179
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical management and outcomes in spinal intradural arachnoid cysts: the experience from two tertiary neurosurgical centres. <i>Acta Neurochirurgica</i> , 2022, 164, 1217-1228.	1.7	3
2	Prevalence of olfactory dysfunction and quality of life in hospitalised patients 1 year after SARS-CoV-2 infection: a cohort study. <i>BMJ Open</i> , 2022, 12, e054598.	1.9	14
3	A randomized controlled trial of the X-Stop interspinous distractor device versus laminectomy for lumbar spinal stenosis with 2-year quality-of-life and cost-effectiveness outcomes. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 544-552.	1.7	4
4	CSF Rhinorrhea After Endonasal Intervention to the Skull Base (CRANIAL) – Part 2: Impact of COVID-19. <i>World Neurosurgery</i> , 2021, 149, e1090-e1097.	1.3	8
5	CSF Rhinorrhoea After Endonasal Intervention to the Skull Base (CRANIAL) - Part 1: Multicenter Pilot Study. <i>World Neurosurgery</i> , 2021, 149, e1077-e1089.	1.3	15
6	Printing in a Pandemic: 3D printing solutions for healthcare during COVID-19. A Protocol for a PRISMA systematic review. <i>Annals of 3D Printed Medicine</i> , 2021, 2, 100015.	3.1	7
7	The Relative Merits of Posterior Surgical Treatments for Multi-Level Degenerative Cervical Myelopathy Remain Uncertain: Findings from a Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 3653.	2.4	13
8	Considering the Cellular Composition of Olfactory Ensheathing Cell Transplants for Spinal Cord Injury Repair: A Review of the Literature. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 781489.	3.7	12
9	Controversies regarding mobilisation and rehabilitation following acute spinal cord injury. <i>British Journal of Neurosurgery</i> , 2020, 34, 123-126.	0.8	9
10	Olfactory ensheathing cells from the nasal mucosa and olfactory bulb have distinct membrane properties. <i>Journal of Neuroscience Research</i> , 2020, 98, 888-901.	2.9	7
11	Mechanical properties of the spinal cord and brain: Comparison with clinical-grade biomaterials for tissue engineering and regenerative medicine. <i>Biomaterials</i> , 2020, 258, 120303.	11.4	39
12	CSF rhinorrhoea after endonasal intervention to the anterior skull base (CRANIAL): proposal for a prospective multicentre observational cohort study. <i>British Journal of Neurosurgery</i> , 2020, , 1-10.	0.8	6
13	An Exit Strategy for Resuming Nonemergency Neurosurgery after Severe Acute Respiratory Syndrome Coronavirus 2: A United Kingdom Perspective. <i>World Neurosurgery</i> , 2020, 140, e395-e400.	1.3	14
14	How good are the outcomes of instrumented debulking operations for symptomatic spinal metastases and how long do they stand? A subgroup analysis in the global spine tumor study group database. <i>Acta Neurochirurgica</i> , 2020, 162, 943-950.	1.7	14
15	Towards Automated Spine Mobility Quantification: A Locally Rigid CT to X-ray Registration Framework. <i>Lecture Notes in Computer Science</i> , 2020, , 67-77.	1.3	2
16	Open Transoral Approach. , 2020, , 159-169.		0
17	Systematic Review of Clinical, Radiologic, and Histologic Features of Benign Notochordal Cell Tumors: Implications for Patient Management. <i>World Neurosurgery</i> , 2019, 130, 13-23.	1.3	7
18	Cost-Utility Analysis of Surgery and Radiotherapy for Symptomatic Spinal Metastases in a Belgian Specialist Center. <i>World Neurosurgery</i> , 2019, 125, e537-e543.	1.3	10

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19	Intradural Metastasis from Cutaneous Squamous Cell Carcinoma Causing Cauda Equina Syndrome. Canadian Journal of Neurological Sciences, 2019, 46, 615-620.	0.5	0
20	A novel risk calculator to predict outcome after surgery for symptomatic spinal metastases; use of a large prospective patient database to personalise surgical management. European Journal of Cancer, 2019, 107, 28-36.	2.8	28
21	Expertâ€™s comment concerning Grand Rounds case entitled "Malignant triton tumor: Grand Round presentation of a rare aggressive case thoracolumbar spine tumor" by S. Ghailane et al. (Eur Spine J); Tj ETQq1 1 0.784314 rgBT /Over	1.0	0
22	Expertâ€™s Comment concerning Grand Rounds case entitled "Idiopathic spinal cord herniation: consideration of its pathogenesis based on the histopathology of the dura mater" by S. Shimizu et al. (Eur Spine J; 2017. DOI 10.1007/s00586-017-5147-y). European Spine Journal, 2019, 28, 306-307.	2.2	0
23	Metastatic Spine Tumor Epidemiology: Comparison of Trends in Surgery Across Two Decades and Three Continents. World Neurosurgery, 2018, 114, e809-e817.	1.3	50
24	Bioprocessing strategies to enhance the challenging isolation of neuro-regenerative cells from olfactory mucosa. Scientific Reports, 2018, 8, 14440.	3.3	5
25	Loss of Local Tumor Control After Index Surgery for Spinal Metastases: A Prospective Cohort Study. World Neurosurgery, 2018, 117, e8-e16.	1.3	8
26	Prediction Accuracy of Common Prognostic Scoring Systems for Metastatic Spine Disease. Spine, 2018, 43, 1678-1684.	2.0	35
27	Anterior Odontoid Resection. , 2018, , 16-26.		0
28	Traumatic Spinal Cord Injuryâ€™Repair and Regeneration. Neurosurgery, 2017, 80, S9-S22.	1.1	554
29	Chiari Malformation Type 1: A Systematic Review of Natural History and Conservative Management. World Neurosurgery, 2017, 104, 213-219.	1.3	103
30	Histological effects of fibrin glue and synthetic tissue glues on the spinal cord: are they safe to use?. British Journal of Neurosurgery, 2017, 31, 695-700.	0.8	13
31	Common olfactory ensheathing glial markers in the developing human olfactory system. Brain Structure and Function, 2017, 222, 1877-1895.	2.3	15
32	Symptomatic spinal metastasis: A systematic literature review of the preoperative prognostic factors for survival, neurological, functional and quality of life in surgically treated patients and methodological recommendations for prognostic studies. PLoS ONE, 2017, 12, e0171507.	2.5	29
33	Proton beam therapy in the management of skull base chordomas: systematic review of indications, outcomes, and implications for neurosurgeons. British Journal of Neurosurgery, 2016, 30, 382-387.	0.8	29
34	Spinal Cervical Meningiomas: The Challenge Posed by Ventral Location. World Neurosurgery, 2016, 89, 464-473.	1.3	11
35	Biomechanical properties of the spinal cord: implications for tissue engineering and clinical translation. Regenerative Medicine, 2016, 11, 659-673.	1.7	31
36	Characteristics of Patients Who Survived <lt; 3 Months or >gt; 2 Years After Surgery for Spinal Metastases: Can We Avoid Inappropriate Patient Selection?. Journal of Clinical Oncology, 2016, 34, 3054-3061.	1.6	58

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37	Rapid improvements in pain and quality of life are sustained after surgery for spinal metastases in a large prospective cohort. <i>British Journal of Neurosurgery</i> , 2016, 30, 337-344.	0.8	57
38	Permanent endovascular balloon occlusion of the vertebral artery as an adjunct to the surgical resection of selected cervical spine tumors: A single center experience. <i>Interventional Neuroradiology</i> , 2015, 21, 532-537.	1.1	10
39	Technical Improvements to a Rat Brachial Plexus Avulsion Model via a Posterior Surgical Approach. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e576.	0.6	2
40	Prediction of Quality of Life and Survival After Surgery for Symptomatic Spinal Metastases. <i>Neurosurgery</i> , 2015, 77, 698-708.	1.1	104
41	Expertâ€™s comment concerning Grand Rounds case entitled: â€œTrans-oral approach for the management of a C2 neuroblastomaâ€•(K. M. I. Salem, J. Visser, and N. A. Quraishi). <i>European Spine Journal</i> , 2015, 24, 177-179.	2.2	0
42	Peripheral nerve lesions. <i>Surgery</i> , 2015, 33, 377-383.	0.3	1
43	Fractures in Ankylosing Disorders of the Spine: Easy to Miss and High Risk of Deterioration. <i>World Neurosurgery</i> , 2015, 83, 1029-1031.	1.3	13
44	SPINAL STENOSIS IN FAMILIAL TRANSTHYRETIN AMYLOIDOSIS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, e4.48-e4.	1.9	0
45	Cost of Surgery for Symptomatic Spinal Metastases in the United Kingdom. <i>World Neurosurgery</i> , 2015, 84, 1235-1243.	1.3	18
46	Olfactory Ensheathing Cells: Part Iâ€™”Current Concepts and Experimental Laboratory Models. <i>World Neurosurgery</i> , 2015, 83, 114-119.	1.3	14
47	Olfactory Ensheathing Cells: Part IIâ€™”Source of Cells and Application to Patients. <i>World Neurosurgery</i> , 2015, 83, 251-256.	1.3	8
48	Anatomy and Cellular Constituents of the Human Olfactory Mucosa: A Review. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, 293-300.	0.8	48
49	Endoscopic Transnasal Surgery as a Replacement for Maxillotomy Techniques to Approach the Central Skull Base: Fewer Complications and More Acceptable to Patients?. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, 165-170.	0.8	5
50	Failed Foramen Magnum Decompression for Chiari Malformation: The Challenge of Postoperative Brainstem Shift and Cerebellar Ptosis. <i>World Neurosurgery</i> , 2014, 81, 702-705.	1.3	2
51	Evolution of Transoral Surgery. <i>Neurosurgery</i> , 2013, 73, 296-304.	1.1	59
52	Response to: Cervical arthroplasty: the beginning, the middle, the end?. <i>British Journal of Neurosurgery</i> , 2012, 26, 584-584.	0.8	0
53	Motion Preservation and Clinical Outcome of Porous Coated Motion Cervical Disk Arthroplasty. <i>Neurosurgery</i> , 2012, 71, 30-37.	1.1	13
54	Guest speakers lectures. <i>ArgoSpine News and Journal</i> , 2012, 24, 9-38.	0.1	0

#	ARTICLE	IF	CITATIONS
55	Chordomas of the Clivus and Upper Cervical Spine. , 2012, , 81-87.		0
56	Peripheral nerve lesions. Surgery, 2012, 30, 149-154.	0.3	0
57	Rosai-Dorfman disease presenting as a thoracic intradural extramedullary spinal tumor but without extraspinal manifestations. Acta Neurochirurgica, 2012, 154, 367-368.	1.7	9
58	Outcome of 132 Operations in 97 Patients With Chordomas of the Craniocervical Junction and Upper Cervical Spine. Neurosurgery, 2010, 66, 59-65.	1.1	89
59	Surgery for Chordomas of the Craniocervical Junction: Lessons Learned. Skull Base, 2010, 20, 041-045.	0.4	15
60	To clip or to coil? Choosing the best treatment for cerebral aneurysms. British Journal of Neuroscience Nursing, 2009, 5, 264-269.	0.2	0
61	Assessing the use of artificial cervical disc implants in treating cervical spondylosis. British Journal of Neuroscience Nursing, 2009, 5, 319-321.	0.2	0
62	Clinical case / 12th argospine symposium Recurrent cervical chordomas how often, and when to stop?. ArgoSpine News and Journal, 2008, 19, 103-103.	0.1	0
63	A PROSPECTIVE OBSERVATIONAL STUDY OF THE YIELD OF OLFACTORY ENSHEATHING CELLS CULTURED FROM BIOPSIES OF SEPTAL NASAL MUCOSA. Neurosurgery, 2008, 62, 1140-1145.	1.1	33
64	AN EXPERIMENTAL MODEL OF VENTRAL ROOT REPAIR SHOWING THE BENEFICIAL EFFECT OF TRANSPLANTING OLFACTORY ENSHEATHING CELLS. Neurosurgery, 2007, 60, 734-741.	1.1	31
65	Spinal Cord Disorders. , 0, , 585-628.		1