

# David Choi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3985636/publications.pdf>

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  | Traumatic Spinal Cord Injuryâ€™Repair and Regeneration. <i>Neurosurgery</i> , 2017, 80, S9-S22.   | 1.1  | 554       |
| 2  | Prediction of Quality of Life and Survival After Surgery for Symptomatic Spinal Metastases. <i>Neurosurgery</i> , 2015, 77, 698-708.  | 1.1  | 104       |
| 3  | Chiari Malformation Type 1: A Systematic Review of Natural History and Conservative Management. <i>World Neurosurgery</i> , 2017, 104, 213-219.   | 1.3  | 103       |
| 4  | Outcome of 132 Operations in 97 Patients With Chordomas of the Craniocervical Junction and Upper Cervical Spine. <i>Neurosurgery</i> , 2010, 66, 59-65.   | 1.1  | 89        |
| 5  | Evolution of Transoral Surgery. <i>Neurosurgery</i> , 2013, 73, 296-304.  | 1.1  | 59        |
| 6  | Characteristics of Patients Who Survived < 3 Months or > 2 Years After Surgery for Spinal Metastases: Can We Avoid Inappropriate Patient Selection?. <i>Journal of Clinical Oncology</i> , 2016, 34, 3054-3061.   | 1.6  | 58        |
| 7  | 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        |
| 8  | Metastatic Spine Tumor Epidemiology: Comparison of Trends in Surgery Across Two Decades and Three Continents. <i>World Neurosurgery</i> , 2018, 114, e809-e817.   | 1.3  | 50        |
| 9  | 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        |
| 10 | 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        |
| 11 | Prediction Accuracy of Common Prognostic Scoring Systems for Metastatic Spine Disease. <i>Spine</i> , 2018, 43, 1678-1684.  | 2.0  | 35        |
| 12 | A PROSPECTIVE OBSERVATIONAL STUDY OF THE YIELD OF OLFACTORY ENSHEATHING CELLS CULTURED FROM BIOPSIES OF SEPTAL NASAL MUCOSA. <i>Neurosurgery</i> , 2008, 62, 1140-1145.   | 1.1  | 33        |
| 13 | AN EXPERIMENTAL MODEL OF VENTRAL ROOT REPAIR SHOWING THE BENEFICIAL EFFECT OF TRANSPLANTING OLFACTORY ENSHEATHING CELLS. <i>Neurosurgery</i> , 2007, 60, 734-741.   | 1.1  | 31        |
| 14 | Biomechanical properties of the spinal cord: implications for tissue engineering and clinical translation. <i>Regenerative Medicine</i> , 2016, 11, 659-673.  | 1.7  | 31        |
| 15 | Proton beam therapy in the management of skull base chordomas: systematic review of indications, outcomes, and implications for neurosurgeons. <i>British Journal of Neurosurgery</i> , 2016, 30, 382-387.  | 0.8  | 29        |
| 16 | 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. <i>PLoS ONE</i> , 2017, 12, e0171507. | 2.5  | 29        |
| 17 | A novel risk calculator to predict outcome after surgery for symptomatic spinal metastases; use of a large prospective patient database to personalise surgical management. <i>European Journal of Cancer</i> , 2019, 107, 28-36.   | 2.8  | 28        |
| 18 | Cost of Surgery for Symptomatic Spinal Metastases in the United Kingdom. <i>World Neurosurgery</i> , 2015, 84, 1235-1243.   | 1.3  | 18        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Surgery for Chordomas of the Craniocervical Junction: Lessons Learned. <i>Skull Base</i> , 2010, 20, 041-045.  | 0.4 | 15        |
| 20 | Common olfactory ensheathing glial markers in the developing human olfactory system. <i>Brain Structure and Function</i> , 2017, 222, 1877-1895.   | 2.3 | 15        |
| 21 | 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        |
| 22 | Olfactory Ensheathing Cells: Part I – Current Concepts and Experimental Laboratory Models. <i>World Neurosurgery</i> , 2015, 83, 114-119.  | 1.3 | 14        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Motion Preservation and Clinical Outcome of Porous Coated Motion Cervical Disk Arthroplasty. <i>Neurosurgery</i> , 2012, 71, 30-37.  | 1.1 | 13        |
| 27 | 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        |
| 28 | Histological effects of fibrin glue and synthetic tissue glues on the spinal cord: are they safe to use?. <i>British Journal of Neurosurgery</i> , 2017, 31, 695-700.  | 0.8 | 13        |
| 29 | 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        |
| 30 | 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        |
| 31 | Spinal Cervical Meningiomas: The Challenge Posed by Ventral Location. <i>World Neurosurgery</i> , 2016, 89, 464-473.   | 1.3 | 11        |
| 32 | 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        |
| 33 | 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        |
| 34 | Rosai-Dorfman disease presenting as a thoracic intradural extramedullary spinal tumor but without extraspinal manifestations. <i>Acta Neurochirurgica</i> , 2012, 154, 367-368.  | 1.7 | 9         |
| 35 | Controversies regarding mobilisation and rehabilitation following acute spinal cord injury. <i>British Journal of Neurosurgery</i> , 2020, 34, 123-126.  | 0.8 | 9         |
| 36 | Olfactory Ensheathing Cells: Part II – Source of Cells and Application to Patients. <i>World Neurosurgery</i> , 2015, 83, 251-256.   | 1.3 | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Loss of Local Tumor Control After Index Surgery for Spinal Metastases: A Prospective Cohort Study. <i>World Neurosurgery</i> , 2018, 117, e8-e16.   | 1.3 | 8         |
| 38 | 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         |
| 39 | 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         |
| 40 | 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         |
| 41 | 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         |
| 42 | 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         |
| 43 | 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         |
| 44 | Bioprocessing strategies to enhance the challenging isolation of neuro-regenerative cells from olfactory mucosa. <i>Scientific Reports</i> , 2018, 8, 14440.  | 3.3 | 5         |
| 45 | 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         |
| 46 | 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         |
| 47 | 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         |
| 48 | 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         |
| 49 | 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         |
| 50 | Spinal Cord Disorders. , 0, , 585-628.  |     | 1         |
| 51 | Peripheral nerve lesions. <i>Surgery</i> , 2015, 33, 377-383.   | 0.3 | 1         |
| 52 | Clinical case / 12th argospine symposium Recurrent cervical chordomas how often, and when to stop?. <i>ArgoSpine News and Journal</i> , 2008, 19, 103-103.  | 0.1 | 0         |
| 53 | To clip or to coil? Choosing the best treatment for cerebral aneurysms. <i>British Journal of Neuroscience Nursing</i> , 2009, 5, 264-269.  | 0.2 | 0         |
| 54 | Assessing the use of artificial cervical disc implants in treating cervical spondylosis. <i>British Journal of Neuroscience Nursing</i> , 2009, 5, 319-321.   | 0.2 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Response to: Cervical arthroplasty: the beginning, the middle, the end?. British Journal of Neurosurgery, 2012, 26, 584-584.   | 0.8 | 0         |
| 56 | Guest speakers lectures. ArgoSpine News and Journal, 2012, 24, 9-38.   | 0.1 | 0         |
| 57 | Chordomas of the Clivus and Upper Cervical Spine. , 2012, , 81-87.   |     | 0         |
| 58 | Peripheral nerve lesions. Surgery, 2012, 30, 149-154.  | 0.3 | 0         |
| 59 | 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). European Spine Journal, 2015, 24, 177-179.  | 2.2 | 0         |
| 60 | SPINAL STENOSIS IN FAMILIAL TRANSTHYRETIN AMYLOIDOSIS. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, e4.48-e4.  | 1.9 | 0         |
| 61 | Intradural Metastasis from Cutaneous Squamous Cell Carcinoma Causing Cauda Equina Syndrome. Canadian Journal of Neurological Sciences, 2019, 46, 615-620.  | 0.5 | 0         |
| 62 | 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 ETQq0 0 0 rgt /Overlock 10 Tf 5  |     | 0         |
| 63 | Expertâ€™s Comment concerning Grand Rounds case entitled â€œIdiopathic spinal cord herniation: consideration of its pathogenesis based on the histopathology of the dura materâ€™â€™ 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         |
| 64 | Anterior Odontoid Resection. , 2018, , 16-26.  |     | 0         |
| 65 | Open Transoral Approach. , 2020, , 159-169.  |     | 0         |