# William C Chen

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 54 papers | 1,299 citations | 361413<br>20 h-index | 377865<br>34 g-index |
| 56 all docs | 56 docs citations | 56 times ranked | 1979 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Macrophage migration inhibitory factor downregulation: a novel mechanism of resistance to anti-angiogenic therapy. Oncogene, 2017, 36, 3749-3759. | 5.9 | 104 |
| 2 | Impaired Serotonergic Brainstem Function during and after Seizures. Journal of Neuroscience, 2016, 36, 2711-2722. | 3.6 | 96 |
| 3 | Meningioma DNA methylation groups identify biological drivers and therapeutic vulnerabilities. Nature Genetics, 2022, 54, 649-659. | 21.4 | 93 |
| 4 | Factors Associated With Pre- and Postoperative Seizures in 1033 Patients Undergoing Supratentorial Meningioma Resection. Neurosurgery, 2017, 81, 297-306. | 1.1 | 70 |
| 5 | Integrated models incorporating radiologic and radiomic features predict meningioma grade, local failure, and overall survival. Neuro-Oncology Advances, 2019, 1, vdz011. | 0.7 | 64 |
| 6 | Cross-activating c-Met/Î²1 integrin complex drives metastasis and invasive resistance in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8685-E8694. | 7.1 | 60 |
| 7 | Stereotactic Body Radiation Therapy of Adrenal Metastases: A Pooled Meta-Analysis and Systematic Review of 39 Studies with 1006 Patients. International Journal of Radiation Oncology Biology Physics, 2020, 107, 48-61. | 0.8 | 55 |
| 8 | Histopathological features predictive of local control of atypical meningioma after surgery and adjuvant radiotherapy. Journal of Neurosurgery, 2018, 130, 1-8. | 1.6 | 54 |
| 9 | Epilepsy and driving: Potential impact of transient impaired consciousness. Epilepsy and Behavior, 2014, 30, 50-57. | 1.7 | 42 |
| 10 | Ictal spread of medial temporal lobe seizures with and without secondary generalization: An intracranial electroencephalography analysis. Epilepsia, 2014, 55, 289-295. | 5.1 | 41 |
| 11 | An artificial intelligence framework integrating longitudinal electronic health records with real-world data enables continuous pan-cancer prognostication. Nature Cancer, 2021, 2, 709-722. | 13.2 | 41 |
| 12 | Meningioma metastases: incidence and proposed screening paradigm. Journal of Neurosurgery, 2020, 132, 1447-1455. | 1.6 | 41 |
| 13 | Epileptic auras and their role in driving safety in people with epilepsy. Epilepsia, 2015, 56, e182-5. | 5.1 | 38 |
| 14 | Presenting Symptoms and Prognostic Factors for Symptomatic Outcomes Following Resection of Meningioma. World Neurosurgery, 2018, 111, e149-e159. | 1.3 | 37 |
| 15 | Clonal ZEB1-Driven Mesenchymal Transition Promotes Targetable Oncologic Antiangiogenic Therapy Resistance. Cancer Research, 2020, 80, 1498-1511. | 0.9 | 35 |
| 16 | Cognitive Decline, Body Mass Index, and Waist Circumference in Community-Dwelling Elderly Participants. Journal of Geriatric Psychiatry and Neurology, 2017, 30, 67-76. | 2.3 | 34 |
| 17 | Seizure Outcomes in Occipital Lobe and Posterior Quadrant Epilepsy Surgery: A Systematic Review and Meta-Analysis. Neurosurgery, 2018, 82, 350-358. | 1.1 | 34 |
| 18 | Preoperative and postoperative prediction of long-term meningioma outcomes. PLoS ONE, 2018, 13, e0204161. | 2.5 | 31 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Salvage therapy outcomes for atypical meningioma. Journal of Neuro-Oncology, 2018, 138, 425-433. | 2.9 | 25 |
| 20 | Factors Associated with Osteoid Osteoma Recurrence after CT-Guided Radiofrequency Ablation. Journal of Vascular and Interventional Radiology, 2019, 30, 744-751. | 0.5 | 24 |
| 21 | Cortical Network Switching: Possible Role of the Lateral Septum and Cholinergic Arousal. Brain Stimulation, 2015, 8, 36-41. | 1.6 | 21 |
| 22 | A Switch and Wave of Neuronal Activity in the Cerebral Cortex During the First Second of Conscious Perception. Cerebral Cortex, 2019, 29, 461-474. | 2.9 | 21 |
| 23 | Human bedside evaluation versus automatic responsiveness testing in epilepsy (ARTiE). Epilepsia, 2016, 57, e28-32. | 5.1 | 20 |
| 24 | Serpin-Derived Peptides Are Antiangiogenic and Suppress Breast Tumor Xenograft Growth. Translational Oncology, 2012, 5, 92-97. | 3.7 | 19 |
| 25 | Impaired consciousness in partial seizures is bimodally distributed. Neurology, 2014, 82, 1736-1744. | 1.1 | 19 |
| 26 | A Prognostic Gene-Expression Signature and Risk Score for Meningioma Recurrence After Resection. Neurosurgery, 2021, 88, 202-210. | 1.1 | 19 |
| 27 | Synergy between a collagen IV mimetic peptide and a somatotropin-domain derived peptide as angiogenesis and lymphangiogenesis inhibitors. Angiogenesis, 2013, 16, 159-170. | 7.2 | 17 |
| 28 | Petrous Face Meningiomas: Classification, Clinical Syndromes, and Surgical Outcomes. World Neurosurgery, 2018, 114, e1266-e1274. | 1.3 | 17 |
| 29 | Efficacy and Safety of Stereotactic Radiosurgery for Brainstem Metastases. JAMA Oncology, 2021, 7, 1033. | 7.1 | 16 |
| 30 | Seizure localization using three-dimensional surface projections of intracranial EEG power. NeuroImage, 2013, 83, 616-626. | 4.2 | 14 |
| 31 | Efficacy and safety of magnetic resonance-guided focused ultrasound for the treatment of painful bone metastases: a systematic review and meta-analysis. Skeletal Radiology, 2021, 50, 2459-2469. | 2.0 | 13 |
| 32 | Rhythmic 3–4Hz discharge is insufficient to produce cortical BOLD fMRI decreases in generalized seizures. NeuroImage, 2015, 109, 368-377. | 4.2 | 11 |
| 33 | Image-Guided Percutaneous Ablation of Adrenal Metastases: A Meta-Analysis of Efficacy and Safety. Journal of Vascular and Interventional Radiology, 2021, 32, 527-535.e1. | 0.5 | 11 |
| 34 | Association of mental health diagnosis with race and all-cause mortality after a cancer diagnosis: Large-scale analysis of electronic health record data. Cancer, 2022, 128, 344-352. | 4.1 | 11 |
| 35 | Stereotactic Body Radiation Therapy and High-Dose-Rate Brachytherapy Boost in Combination With Intensity Modulated Radiation Therapy for Localized Prostate Cancer: A Single-Institution Propensity Score Matched Analysis. International Journal of Radiation Oncology Biology Physics, 2021, 110, 429-437. | 0.8 | 10 |
| 36 | Preoperative MR Imaging to Differentiate Chordoid Meningiomas from Other Meningioma Histologic Subtypes. American Journal of Neuroradiology, 2019, 40, 433-439. | 2.4 | 8 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 37 | Histopathologic findings in malignant peripheral nerve sheath tumor predict response to radiotherapy and overall survival. Neuro-Oncology Advances, 2020, 2, vdaa131. | 0.7 | 6 |
| 38 | Reliability of patient self‐report of cognition, awareness, and consciousness during seizures. Annals of Clinical and Translational Neurology, 2022, 9, 16-29. | 3.7 | 6 |
| 39 | Immediate plastic surgery closure at index spinal surgery minimizes complications compared to delayed reconstruction: A retrospective cohort review. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 1499-1505. | 1.0 | 4 |
| 40 | 333ƒ Obtaining the Genetic Fingerprint of Resistance to Glioblastoma Through a Novel Multigenerational Xenograft Model. Neurosurgery, 2016, 63, 197. | 1.1 | 3 |
| 41 | Simulated driving in the epilepsy monitoring unit: Effects of seizure type, consciousness, and motor impairment. Epilepsia, 2022, 63, . | 5.1 | 3 |
| 42 | Supervised machine learning algorithms demonstrate proliferation index correlates with long-term recurrence after complete resection of WHO grade I meningioma. Journal of Neurosurgery, 2023, 138, 86-94. | 1.6 | 3 |
| 43 | MNGI-09. HISTOPATHOLOGIC FEATURES PREDICT LOCAL CONTROL AFTER ADJUVANT RADIOTHERAPY FOR ATYPICAL MENINGIOMA. Neuro-Oncology, 2017, 19, vi133-vi134. | 1.2 | 1 |
| 44 | MNGI-23. PREOPERATIVE QUANTITATIVE IMAGING FEATURES ARE PROGNOSTIC FOR MENINGIOMA OUTCOMES. Neuro-Oncology, 2018, 20, vi153-vi154. | 1.2 | 1 |
| 45 | Multiplatform Molecular Profiling of Vestibular Schwannoma Reveals 2 Subgroups of Tumors With Distinct Radiographic Features and a Methylation-Based Predictor of Local Recurrence. Neurosurgery, 2019, 66, 310-317. | 1.1 | 1 |
| 46 | Radiation therapy of meningioma. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 170, 279-289. | 1.8 | 1 |
| 47 | TMIC-30. ROLE OF MATRIX METALLOPROTEINASE 9 (MMP9) IN RESISTANCE TO ANTI-ANGIOGENIC THERAPY. Neuro-Oncology, 2016, 18, vi206-vi206. | 1.2 | 0 |
| 48 | TMOD-24. AÂNOVEL XENOGRAFT MODEL REVEALS AÂGENE CASCADE DEFINING AÂMESENCHYMAL TRANSITION DURING THE EVOLUTION OF RESISTANCE TO ANTI-ANGIOGENIC THERAPY. Neuro-Oncology, 2016, 18, vi212-vi212. | 1.2 | 0 |
| 49 | DRES-11. AÂCROSS-ACTIVATING c-Met/Î²1 INTEGRIN COMPLEX DRIVES THERAPEUTIC RESISTANCE IN GLIOBLASTOMA. Neuro-Oncology, 2016, 18, vi53-vi54. | 1.2 | 0 |
| 50 | DRES-08. AÂNOVEL XENOGRAFT MODEL REVEALS AÂGENE CASCADE AND SERUM BIOMARKER DEFINING AÂMESENCHYMAL TRANSITION DURING THE EVOLUTION OF GLIOBLASTOMA RESISTANCE TO ANTI-ANGIOGENIC THERAPY. Neuro-Oncology, 2017, 19, vi65-vi65. | 1.2 | 0 |
| 51 | DRES-01. ZEB1-MEDIATED INVASIVE MESENCHYMAL TRANSITION AT THE SINGLE CELL LEVEL PROMOTES ANTI-ANGIOGENIC THERAPY RESISTANCE IN GLIOBLASTOMA. Neuro-Oncology, 2018, 20, vi75-vi75. | 1.2 | 0 |
| 52 | MNGI-30. RADIOLOGIC FEATURES ARE PROGNOSTIC FOR CLINICAL OUTCOMES OF CHORDOID MENINGIOMA. Neuro-Oncology, 2018, 20, vi155-vi155. | 1.2 | 0 |
| 53 | Abstract 3271: Gene expression changes underlying glioblastoma resistance to anti-angiogenic therapy. , 2016, , . | | 0 |
| 54 | Petrous Face Meningiomas: Classification, Presentation Syndromes, and Surgical Outcomes. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188. | 0.8 | 0 |