

# William C Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,299  
citations

361413

20  
h-index

377865

34  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supervised machine learning algorithms demonstrate proliferation index correlates with long-term recurrence after complete resection of WHO grade I meningioma. <i>Journal of Neurosurgery</i> , 2023, 138, 86-94.	1.6	3
2	Association of mental health diagnosis with race and all-cause mortality after a cancer diagnosis: Large-scale analysis of electronic health record data. <i>Cancer</i> , 2022, 128, 344-352.	4.1	11
3	Simulated driving in the epilepsy monitoring unit: Effects of seizure type, consciousness, and motor impairment. <i>Epilepsia</i> , 2022, 63, .	5.1	3
4	Reliability of patient self-report of cognition, awareness, and consciousness during seizures. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 16-29.	3.7	6
5	Meningioma DNA methylation groups identify biological drivers and therapeutic vulnerabilities. <i>Nature Genetics</i> , 2022, 54, 649-659.	21.4	93
6	A Prognostic Gene-Expression Signature and Risk Score for Meningioma Recurrence After Resection. <i>Neurosurgery</i> , 2021, 88, 202-210.	1.1	19
7	Image-Guided Percutaneous Ablation of Adrenal Metastases: A Meta-Analysis of Efficacy and Safety. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 527-535.e1.	0.5	11
8	Efficacy and safety of magnetic resonance-guided focused ultrasound for the treatment of painful bone metastases: a systematic review and meta-analysis. <i>Skeletal Radiology</i> , 2021, 50, 2459-2469.	2.0	13
9	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 429-437.	0.8	10
10	Efficacy and Safety of Stereotactic Radiosurgery for Brainstem Metastases. <i>JAMA Oncology</i> , 2021, 7, 1033.	7.1	16
11	An artificial intelligence framework integrating longitudinal electronic health records with real-world data enables continuous pan-cancer prognostication. <i>Nature Cancer</i> , 2021, 2, 709-722.	13.2	41
12	Immediate plastic surgery closure at index spinal surgery minimizes complications compared to delayed reconstruction: A retrospective cohort review. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1499-1505.	1.0	4
13	Stereotactic Body Radiation Therapy of Adrenal Metastases: A Pooled Meta-Analysis and Systematic Review of 39 Studies with 1006 Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 48-61.	0.8	55
14	Radiation therapy of meningioma. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 279-289.	1.8	1
15	Clonal ZEB1-Driven Mesenchymal Transition Promotes Targetable Oncologic Antiangiogenic Therapy Resistance. <i>Cancer Research</i> , 2020, 80, 1498-1511.	0.9	35
16	Meningioma metastases: incidence and proposed screening paradigm. <i>Journal of Neurosurgery</i> , 2020, 132, 1447-1455.	1.6	41
17	Histopathologic findings in malignant peripheral nerve sheath tumor predict response to radiotherapy and overall survival. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa131.	0.7	6
18	Multiplatform Molecular Profiling of Vestibular Schwannoma Reveals 2 Subgroups of Tumors With Distinct Radiographic Features and a Methylation-Based Predictor of Local Recurrence. <i>Neurosurgery</i> , 2019, 66, 310-317.	1.1	1

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19	Integrated models incorporating radiologic and radiomic features predict meningioma grade, local failure, and overall survival. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz011.	0.7	64
20	Factors Associated with Osteoid Osteoma Recurrence after CT-Guided Radiofrequency Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 744-751.	0.5	24
21	Preoperative MR Imaging to Differentiate Chordoid Meningiomas from Other Meningioma Histologic Subtypes. <i>American Journal of Neuroradiology</i> , 2019, 40, 433-439.	2.4	8
22	A Switch and Wave of Neuronal Activity in the Cerebral Cortex During the First Second of Conscious Perception. <i>Cerebral Cortex</i> , 2019, 29, 461-474.	2.9	21
23	Salvage therapy outcomes for atypical meningioma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 425-433.	2.9	25
24	Petrous Face Meningiomas: Classification, Clinical Syndromes, and Surgical Outcomes. <i>World Neurosurgery</i> , 2018, 114, e1266-e1274.	1.3	17
25	Presenting Symptoms and Prognostic Factors for Symptomatic Outcomes Following Resection of Meningioma. <i>World Neurosurgery</i> , 2018, 111, e149-e159.	1.3	37
26	Seizure Outcomes in Occipital Lobe and Posterior Quadrant Epilepsy Surgery: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2018, 82, 350-358.	1.1	34
27	DRES-01. ZEB1-MEDIATED INVASIVE MESENCHYMAL TRANSITION AT THE SINGLE CELL LEVEL PROMOTES ANTI-ANGIOGENIC THERAPY RESISTANCE IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi75-vi75.	1.2	0
28	MNGI-23. PREOPERATIVE QUANTITATIVE IMAGING FEATURES ARE PROGNOSTIC FOR MENINGIOMA OUTCOMES. <i>Neuro-Oncology</i> , 2018, 20, vi153-vi154.	1.2	1
29	MNGI-30. RADIOLOGIC FEATURES ARE PROGNOSTIC FOR CLINICAL OUTCOMES OF CHORDOID MENINGIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi155-vi155.	1.2	0
30	Preoperative and postoperative prediction of long-term meningioma outcomes. <i>PLoS ONE</i> , 2018, 13, e0204161.	2.5	31
31	Histopathological features predictive of local control of atypical meningioma after surgery and adjuvant radiotherapy. <i>Journal of Neurosurgery</i> , 2018, 130, 1-8.	1.6	54
32	Petrous Face Meningiomas: Classification, Presentation Syndromes, and Surgical Outcomes. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S1-S188.	0.8	0
33	Macrophage migration inhibitory factor downregulation: a novel mechanism of resistance to anti-angiogenic therapy. <i>Oncogene</i> , 2017, 36, 3749-3759.	5.9	104
34	Cognitive Decline, Body Mass Index, and Waist Circumference in Community-Dwelling Elderly Participants. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2017, 30, 67-76.	2.3	34
35	Factors Associated With Pre- and Postoperative Seizures in 1033 Patients Undergoing Supratentorial Meningioma Resection. <i>Neurosurgery</i> , 2017, 81, 297-306.	1.1	70
36	Cross-activating c-Met/ $\beta$ 21 integrin complex drives metastasis and invasive resistance in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8685-E8694.	7.1	60

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37	MNGI-09. HISTOPATHOLOGIC FEATURES PREDICT LOCAL CONTROL AFTER ADJUVANT RADIOTHERAPY FOR ATYPICAL MENINGIOMA. <i>Neuro-Oncology</i> , 2017, 19, vi133-vi134.	1.2	1
38	DRES-08. A NOVEL XENOGRAFT MODEL REVEALS A GENE CASCADE AND SERUM BIOMARKER DEFINING A MESENCHYMAL TRANSITION DURING THE EVOLUTION OF GLIOBLASTOMA RESISTANCE TO ANTI-ANGIOGENIC THERAPY. <i>Neuro-Oncology</i> , 2017, 19, vi65-vi65.	1.2	0
39	TMIC-30. ROLE OF MATRIX METALLOPROTEINASE 9 (MMP9) IN RESISTANCE TO ANTI-ANGIOGENIC THERAPY. <i>Neuro-Oncology</i> , 2016, 18, vi206-vi206.	1.2	0
40	TMOD-24. A NOVEL XENOGRAFT MODEL REVEALS A GENE CASCADE DEFINING A MESENCHYMAL TRANSITION DURING THE EVOLUTION OF RESISTANCE TO ANTI-ANGIOGENIC THERAPY. <i>Neuro-Oncology</i> , 2016, 18, vi212-vi212.	1.2	0
41	DRES-11. A CROSS-ACTIVATING c-Met/ $\beta$ 21 INTEGRIN COMPLEX DRIVES THERAPEUTIC RESISTANCE IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2016, 18, vi53-vi54.	1.2	0
42	Human bedside evaluation versus automatic responsiveness testing in epilepsy (ARTiE). <i>Epilepsia</i> , 2016, 57, e28-32.	5.1	20
43	Obtaining the Genetic Fingerprint of Resistance to Glioblastoma Through a Novel Multigenerational Xenograft Model. <i>Neurosurgery</i> , 2016, 63, 197.	1.1	3
44	Impaired Serotonergic Brainstem Function during and after Seizures. <i>Journal of Neuroscience</i> , 2016, 36, 2711-2722.	3.6	96
45	Abstract 3271: Gene expression changes underlying glioblastoma resistance to anti-angiogenic therapy. , 2016, , .		0
46	Epileptic auras and their role in driving safety in people with epilepsy. <i>Epilepsia</i> , 2015, 56, e182-5.	5.1	38
47	Cortical Network Switching: Possible Role of the Lateral Septum and Cholinergic Arousal. <i>Brain Stimulation</i> , 2015, 8, 36-41.	1.6	21
48	Rhythmic 3-4Hz discharge is insufficient to produce cortical BOLD fMRI decreases in generalized seizures. <i>NeuroImage</i> , 2015, 109, 368-377.	4.2	11
49	Impaired consciousness in partial seizures is bimodally distributed. <i>Neurology</i> , 2014, 82, 1736-1744.	1.1	19
50	Ictal spread of medial temporal lobe seizures with and without secondary generalization: An intracranial electroencephalography analysis. <i>Epilepsia</i> , 2014, 55, 289-295.	5.1	41
51	Epilepsy and driving: Potential impact of transient impaired consciousness. <i>Epilepsy and Behavior</i> , 2014, 30, 50-57.	1.7	42
52	Synergy between a collagen IV mimetic peptide and a somatotropin-domain derived peptide as angiogenesis and lymphangiogenesis inhibitors. <i>Angiogenesis</i> , 2013, 16, 159-170.	7.2	17
53	Seizure localization using three-dimensional surface projections of intracranial EEG power. <i>NeuroImage</i> , 2013, 83, 616-626.	4.2	14
54	Serpine-Derived Peptides Are Antiangiogenic and Suppress Breast Tumor Xenograft Growth. <i>Translational Oncology</i> , 2012, 5, 92-97.	3.7	19