

# Tony J C Wang

## List of Publications by Year in descending order

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100  
papers

2,097  
citations

279798

23  
h-index

276875

41  
g-index

103  
all docs

103  
docs citations

103  
times ranked

3126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation-Induced Lipid Peroxidation Triggers Ferroptosis and Synergizes with Ferroptosis Inducers. ACS Chemical Biology, 2020, 15, 469-484.	3.4	280
2	Survival in Patients With Brain Metastases: Summary Report on the Updated Diagnosis-Specific Graded Prognostic Assessment and Definition of the Eligibility Quotient. Journal of Clinical Oncology, 2020, 38, 3773-3784.	1.6	223
3	An independently validated nomogram for individualized estimation of survival among patients with newly diagnosed glioblastoma: NRG Oncology RTOG 0525 and 0825. Neuro-Oncology, 2017, 19, now208.	1.2	109
4	Beyond an Updated Graded Prognostic Assessment (Breast GPA): A Prognostic Index and Trends in Treatment and Survival in Breast Cancer Brain Metastases From 1985 to Today. International Journal of Radiation Oncology Biology Physics, 2020, 107, 334-343.	0.8	81
5	A nomogram to predict loco-regional control after re-irradiation for head and neck cancer. Radiotherapy and Oncology, 2014, 111, 382-387.	0.6	75
6	Intensity-modulated radiation therapy for nasopharyngeal carcinoma: a review. Journal of Radiation Oncology, 2012, 1, 129-146.	0.7	59
7	Solitary-fibrous tumor/hemangiopericytoma of the central nervous system: a population-based study. Journal of Neuro-Oncology, 2018, 138, 173-182.	2.9	59
8	NRG brain tumor specialists consensus guidelines for glioblastoma contouring. Journal of Neuro-Oncology, 2019, 143, 157-166.	2.9	58
9	Neurocognitive Deficits After Radiation Therapy for Brain Malignancies. American Journal of Clinical Oncology: Cancer Clinical Trials, 2015, 38, 634-640.	1.3	56
10	Estrogen/progesterone receptor and HER2 discordance between primary tumor and brain metastases in breast cancer and its effect on treatment and survival. Neuro-Oncology, 2020, 22, 1359-1367.	1.2	49
11	Craniotomy and Survival for Primary Central Nervous System Lymphoma. Neurosurgery, 2019, 84, 935-944.	1.1	46
12	Extent of resection and survival for oligodendroglioma: a U.S. population-based study. Journal of Neuro-Oncology, 2019, 144, 591-601.	2.9	45
13	Clinical and molecular characteristics of gliosarcoma and modern prognostic significance relative to conventional glioblastoma. Journal of Neuro-Oncology, 2018, 137, 303-311.	2.9	43
14	Focused ultrasound mediated blood-brain barrier opening is safe and feasible in a murine pontine glioma model. Scientific Reports, 2021, 11, 6521.	3.3	41
15	Does lung cancer mutation status and targeted therapy predict for outcomes and local control in the setting of brain metastases treated with radiation?. Neuro-Oncology, 2015, 17, 1022-1028.	1.2	39
16	Effects of $\beta$ -Adrenergic Antagonists on Chemoradiation Therapy for Locally Advanced Non-Small Cell Lung Cancer. Journal of Clinical Medicine, 2019, 8, 575.	2.4	39
17	Large-Cell Neuroendocrine Carcinoma of the Lung: A Population-Based Study. Clinical Lung Cancer, 2020, 21, e99-e113.	2.6	39
18	Treatment Outcomes and Dose Rate Effects Following Gamma Knife Stereotactic Radiosurgery for Vestibular Schwannomas. Neurosurgery, 2019, 85, E1084-E1094.	1.1	35

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19	Control of brain metastases from radioresistant tumors treated by stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , 2015, 124, 507-514.	2.9	33
20	Graded Prognostic Assessment (GPA) for Patients With Lung Cancer and Brain Metastases: Initial Report of the Small Cell Lung Cancer GPA and Update of the Non-Small Cell Lung Cancer GPA Including the Effect of Programmed Death Ligand 1 and Other Prognostic Factors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 60-74.	0.8	33
21	Frameless Stereotactic Radiosurgery on the Gamma Knife Icon: Early Experience From 100 Patients. <i>Neurosurgery</i> , 2020, 86, 509-516.	1.1	31
22	Extent of resection, molecular signature, and survival in 1p19q-codeleted gliomas. <i>Journal of Neurosurgery</i> , 2021, 134, 1357-1367.	1.6	31
23	Estimating survival in patients with gastrointestinal cancers and brain metastases: An update of the graded prognostic assessment for gastrointestinal cancers (GI-GPA). <i>Clinical and Translational Radiation Oncology</i> , 2019, 18, 39-45.	1.7	26
24	Timing of Adjuvant Radiotherapy in Glioblastoma Patients. <i>Neurosurgery</i> , 2016, 78, 676-682.	1.1	25
25	Epidermal growth factor receptor (EGFR) amplification rates observed in screening patients for randomized trials in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 205-210.	2.9	24
26	ACTR-21. A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED PHASE 3 TRIAL OF DEPATUXIZUMAB MAFODOTIN (ABT-414) IN EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) AMPLIFIED (AMP) NEWLY DIAGNOSED GLIOBLASTOMA (nGBM). <i>Neuro-Oncology</i> , 2019, 21, vi17-vi17.	1.2	23
27	Fetal radiation monitoring and dose minimization during intensity modulated radiation therapy for glioblastoma in pregnancy. <i>Journal of Neuro-Oncology</i> , 2014, 120, 405-409.	2.9	21
28	Inhibition of ATM kinase upregulates levels of cell death induced by cannabidiol and $\hat{I}^3$ -irradiation in human glioblastoma cells. <i>Oncotarget</i> , 2019, 10, 825-846.	1.8	21
29	Efficacy and outcomes of facial nerve-sparing treatment approach to cerebellopontine angle meningiomas. <i>Journal of Neurosurgery</i> , 2017, 127, 1231-1241.	1.6	19
30	Executive summary from American Radium Society's appropriate use criteria on neurocognition after stereotactic radiosurgery for multiple brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 1728-1741.	1.2	19
31	Incidence of extrameningeal solitary fibrous tumors. <i>Cancer</i> , 2020, 126, 4067-4067.	4.1	19
32	Stereotactic radiosurgery for management of vestibular schwannoma: a short review. <i>Neurosurgical Review</i> , 2021, 44, 901-904.	2.4	18
33	Hypofractionated radiation therapy versus standard fractionated radiation therapy with concurrent temozolomide in elderly patients with newly diagnosed glioblastoma. <i>Practical Radiation Oncology</i> , 2016, 6, 306-314.	2.1	17
34	Breast cancer subtype as a predictor for outcomes and control in the setting of brain metastases treated with stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , 2016, 127, 103-110.	2.9	16
35	Breast cancer subtype and stage are prognostic of time from breast cancer diagnosis to brain metastasis development. <i>Journal of Neuro-Oncology</i> , 2017, 134, 453-463.	2.9	16
36	Outcomes of gamma knife radiosurgery, bi-modality & tri-modality treatment regimens for patients with one or multiple brain metastases: the Columbia University Medical Center experience. <i>Journal of Neuro-Oncology</i> , 2015, 122, 399-408.	2.9	15

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37	Monitoring Radiation Treatment Effects in Glioblastoma: FLAIR Volume as Significant Predictor of Survival. <i>Tomography</i> , 2017, 3, 131-137.	1.8	15
38	Induction of Non-Targeted Stress Responses in Mammary Tissues by Heavy Ions. <i>PLoS ONE</i> , 2015, 10, e0136307.	2.5	14
39	Radiation Therapy for the Management of Brain Metastases. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2016, 39, 416-422.	1.3	14
40	Invasiveness is associated with metastasis and decreased survival in hemangiopericytoma of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2017, 133, 409-417.	2.9	14
41	Spinal location is prognostic of survival for solitary-fibrous tumor/hemangiopericytoma of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2019, 143, 457-464.	2.9	14
42	Natural history, clinical course and predictors of interval time from initial diagnosis to development of subsequent NSCLC brain metastases. <i>Journal of Neuro-Oncology</i> , 2019, 143, 145-155.	2.9	14
43	Survival and prognostic factors in patients with gastrointestinal cancers and brain metastases: have we made progress?. <i>Translational Research</i> , 2019, 208, 63-72.	5.0	13
44	Outcomes for localized treatment of large cell neuroendocrine carcinoma of the lung in the United States. <i>Translational Lung Cancer Research</i> , 2021, 10, 71-79.	2.8	13
45	The Judicious Use of Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy in the Management of Large Brain Metastases. <i>Cancers</i> , 2021, 13, 70.	3.7	12
46	Reevaluating stereotactic radiosurgery for glioblastoma: new potential for targeted dose-escalation. <i>Journal of Neuro-Oncology</i> , 2016, 130, 397-411.	2.9	11
47	Quality Assessment of Stereotactic Radiosurgery of a Melanoma Brain Metastases Model Using a Mouselike Phantom and the Small Animal Radiation Research Platform. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 191-201.	0.8	11
48	Temporalis muscle width as a measure of sarcopenia correlates with overall survival in patients with newly diagnosed glioblastoma. <i>Journal of Radiation Oncology</i> , 2019, 8, 379-387.	0.7	11
49	Surgery plus adjuvant radiotherapy for primary central nervous system lymphoma. <i>British Journal of Neurosurgery</i> , 2020, 34, 690-696.	0.8	10
50	Single institution validation of a modified graded prognostic assessment of patients with breast cancer brain metastases. <i>CNS Oncology</i> , 2018, 7, 25-34.	3.0	9
51	Quantitative Analysis of the Spatial Distribution of Metastatic Brain Lesions. <i>Tomography</i> , 2017, 3, 16-22.	1.8	9
52	A low percentage of metastases in deep brain and temporal lobe structures. <i>Neuro-Oncology</i> , 2019, 21, 640-647.	1.2	8
53	Misclassification of Diffuse Gliomas—Letter. <i>Clinical Cancer Research</i> , 2020, 26, 1198-1198.	7.0	8
54	Increased rates of immunosuppressive treatment and hospitalization after checkpoint inhibitor therapy in cancer patients with autoimmune disease. , 2020, 8, e001627.		8

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55	Correlation of planned dose to area postrema and dorsal vagal complex with clinical symptoms of nausea and vomiting in oropharyngeal cancer (OPC) patients treated with radiation alone using IMRT. <i>Journal of Radiation Oncology</i> , 2013, 2, 407-412.	0.7	7
56	The Energy Index Does Not Affect Local Control of Brain Metastases Treated by Gamma Knife Stereotactic Radiosurgery. <i>Neurosurgery</i> , 2015, 77, 119-125.	1.1	7
57	A Modern Radiotherapy Series of Survival in Hispanic Patients with Glioblastoma. <i>World Neurosurgery</i> , 2016, 88, 260-269.	1.3	7
58	Brain metastases: fractionated whole-brain radiotherapy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 149, 123-127.	1.8	7
59	De-escalation of radiation dose for human papillomavirus-positive oropharyngeal head and neck squamous cell carcinoma: A case report and preclinical and clinical literature review. <i>Oncology Letters</i> , 2016, 11, 141-149.	1.8	6
60	A Simple Automated Method for Detecting Recurrence in High-Grade Glioma. <i>American Journal of Neuroradiology</i> , 2016, 37, 2019-2025.	2.4	6
61	Risk of dry eye syndrome in patients treated with whole-brain radiotherapy. <i>Medical Dosimetry</i> , 2017, 42, 357-362.	0.9	6
62	Local control and overall survival for adjuvant stereotactic radiosurgery in patients with residual or recurrent disease. <i>Journal of Neuro-Oncology</i> , 2018, 136, 281-287.	2.9	6
63	Treatment of lung adenocarcinoma brain metastases: what is the role of radiotherapy in the age of precision medicine?. <i>Translational Lung Cancer Research</i> , 2018, 7, S318-S320.	2.8	6
64	Image Registration Strategy of T&sub&gt;1&sub&gt;-Weighted and FIESTA MRI Sequences in Trigeminal Neuralgia Gamma Knife Radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2010, 88, 239-245.	1.5	5
65	Whole-brain Irradiation Field Design: A Comparison of Parotid Dose. <i>Medical Dosimetry</i> , 2017, 42, 145-149.	0.9	5
66	A multi-institutional analysis of clinical outcomes and patterns of care of 1p/19q codeleted oligodendrogliomas treated with adjuvant or salvage radiation therapy. <i>Journal of Neuro-Oncology</i> , 2020, 146, 121-130.	2.9	4
67	Patterns of failure after salvage re-irradiation for recurrent head and neck cancer: implications for field design and consolidation therapy. <i>Journal of Radiation Oncology</i> , 2014, 3, 139-145.	0.7	3
68	Report from the SWOG Radiation Oncology Committee: Research Objectives Workshop 2017. <i>Clinical Cancer Research</i> , 2018, 24, 3500-3509.	7.0	3
69	Performance of the cone beam computed tomography-based patient positioning system on the Gamma Knife Icon, c. <i>Medical Physics</i> , 2019, 46, 4333-4339.	3.0	3
70	New Tracers PET in Head and Neck Squamous Cell Carcinoma. <i>PET Clinics</i> , 2012, 7, 431-441.	3.0	2
71	RT-36 * ONCOLOGIC OUTCOME OF HISPANIC PATIENTS WITH GLIOBLASTOMA TREATED WITH RADIOTHERAPY. <i>Neuro-Oncology</i> , 2014, 16, v195-v195.	1.2	2
72	Stereotactic radiosurgery for treatment of multiple brain metastases: Remembering to spare the hippocampus?. <i>Practical Radiation Oncology</i> , 2017, 7, 446-447.	2.1	2

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73	Intracranial intraaxial cerebral tufted angioma: case report. <i>Journal of Neurosurgery</i> , 2018, 128, 524-529.	1.6	2
74	Commentary: Gamma Knife Radiosurgery for Multiple Sclerosis-Associated Trigeminal Neuralgia. <i>Neurosurgery</i> , 2019, 85, E940-E940.	1.1	2
75	Contour Variability in Thyroid Eye Disease with Compressive Optic Neuropathy Treated with Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2020, 5, 804-808.	1.2	2
76	Influenza and mortality for non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, e13114-e13114.	1.6	2
77	Dorsal vagal complex of the brainstem: Conformal avoidance to reduce nausea In Regard to Monroe et al. <i>Practical Radiation Oncology</i> , 2015, 5, e57.	2.1	1
78	Primary Episcleral Melanoma Consistent with Uveal Melanoma Mutations Treated by Excision and Gamma Knife Stereotactic Radiosurgery. <i>Ocular Oncology and Pathology</i> , 2020, 6, 93-98.	1.0	1
79	Commentary: Effect of Anatomic Segment Involvement on Stereotactic Radiosurgery for Facial Nerve Schwannomas: An International Multicenter Cohort Study. <i>Neurosurgery</i> , 2021, 88, E99-E101.	1.1	1
80	Repeat Radiation in the Brain: Managing Patients With Locally Recurrent Glioma. <i>Seminars in Radiation Oncology</i> , 2020, 30, 218-222.	2.2	1
81	Synchronous supratentorial and infratentorial oligodendrogliomas with incongruous IDH1 mutations, a case report. <i>Acta Neuropathologica Communications</i> , 2021, 9, 160.	5.2	1
82	Large cell neuroendocrine carcinoma of the lung: A population-based study.. <i>Journal of Clinical Oncology</i> , 2019, 37, e13122-e13122.	1.6	1
83	The effect of supplemental estrogen on the outcomes of NSCLC patients in the SEER-Medicare database.. <i>Journal of Clinical Oncology</i> , 2017, 35, 2590-2590.	1.6	1
84	Comparison of effect of rectal volume delineation methods on dose constraint endpoints in the treatment of prostate cancer with intensity-modulated radiation therapy. <i>Journal of Radiation Oncology</i> , 2013, 2, 303-308.	0.7	0
85	BMET-12SURVIVAL IN BREAST CANCER PATIENTS WITH BRAIN METASTASES AFTER GAMMA KNIFE STEREOTACTIC RADIOSURGERY. <i>Neuro-Oncology</i> , 2015, 17, v47.3-v47.	1.2	0
86	Commentary: Treatment of Asymptomatic Meningioma With Gamma Knife Radiosurgery: Long-Term Follow-up With Volumetric Assessment and Clinical Outcome. <i>Neurosurgery</i> , 2019, 85, E900-E901.	1.1	0
87	RADI-14. FRAMELESS STEREOTACTIC RADIOSURGERY ON THE GAMMA KNIFE ICON: EARLY EXPERIENCE FROM 42 PATIENTS WITH BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , 2019, 1, i24-i24.	0.7	0
88	Hypofractionated Radiation Therapy or Staged Stereotactic Radiosurgery for Large Brain Metastasis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 484-485.	0.8	0
89	Commentary: Long-Term Hearing Outcomes Following Stereotactic Radiosurgery in Vestibular Schwannoma Patientsâ€™A Retrospective Cohort Study. <i>Neurosurgery</i> , 2019, 85, E660-E661.	1.1	0
90	Commentary: Stagnant Venous Outflow Predicts Brain Arteriovenous Malformation Obliteration After Gamma Knife Radiosurgery Without Prior Intervention. <i>Neurosurgery</i> , 2020, 87, E119-E120.	1.1	0

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91	Report from the American Radium Society (ARS) Appropriate Use Criteria Brain Malignancies Panel: Treatment of Multiple Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2020, 108, E27-E28.	0.8	0
92	Commentary: The Impact of Insulin-Like Growth Factor Index and Biologically Effective Dose on Outcomes After Stereotactic Radiosurgery for Acromegaly: Cohort Study. Neurosurgery, 2020, 87, E303-E304.	1.1	0
93	Efficacy and cost of high-frequency IGRT in elderly stage III non-small-cell lung cancer patients. PLoS ONE, 2021, 16, e0252053.	2.5	0
94	HGG-40. FOCUSED ULTRASOUND ENHANCES ETOPOSIDE DELIVERY IN A MURINE PONTINE GLIOMA MODEL. Neuro-Oncology, 2021, 23, i25-i26.	1.2	0
95	Purine synthesis as a target for radiation resistance in molecular glioblastoma. Journal of the Neurological Sciences, 2021, 425, 117439.	0.6	0
96	Outcomes of melanoma brain metastases treated with stereotactic radiosurgery with and without concurrent immune checkpoint therapy.. Journal of Clinical Oncology, 2017, 35, e21026-e21026.	1.6	0
97	Rates of immunosuppressive treatment and hospitalization after checkpoint inhibitor therapy in melanoma and lung cancer patients with autoimmune diseases.. Journal of Clinical Oncology, 2019, 37, e14140-e14140.	1.6	0
98	Indications for Stereotactic Radiosurgery: Multiple Brain Metastases. , 2020, , 109-125.		0
99	Applications of Stereotactic Radiosurgery for Brain Metastases. , 2020, , 379-391.		0
100	NCMP-05. LEFT BASAL GANGLIA/INTERNAL CAPSULE GLIOBLASTOMA WITH MEMORY LOSS FROM CONTRALATERAL RADIATION INDUCED VASCULOPATHIES. Neuro-Oncology, 2021, 23, vi148-vi148.	1.2	0