

# Cheng-Chia Wu

## List of Publications by Year in descending order

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70  
papers

1,769  
citations

304368

22  
h-index

288905

40  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival in Patients With Brain Metastases: Summary Report on the Updated Diagnosis-Specific Graded Prognostic Assessment and Definition of the Eligibility Quotient. <i>Journal of Clinical Oncology</i> , 2020, 38, 3773-3784.	0.8	223
2	ASC-J9 ameliorates spinal and bulbar muscular atrophy phenotype via degradation of androgen receptor. <i>Nature Medicine</i> , 2007, 13, 348-353.	15.2	147
3	Oligozoospermia with normal fertility in male mice lacking the androgen receptor in testis peritubular myoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17718-17723.	3.3	126
4	20-HETE and Blood Pressure Regulation. <i>Cardiology in Review</i> , 2014, 22, 1-12.	0.6	117
5	20-Hydroxy-5,8,11,14-eicosatetraenoic Acid Mediates Endothelial Dysfunction via Î² Kinase-Dependent Endothelial Nitric-Oxide Synthase Uncoupling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 57-65.	1.3	80
6	The role of 20-HETE in androgen-mediated hypertension. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 96, 45-53.	1.0	67
7	CYP4A2-Induced Hypertension Is 20-Hydroxyeicosatetraenoic Acid- and Angiotensin II-Dependent. <i>Hypertension</i> , 2010, 56, 871-878.	1.3	63
8	Induction of Angiotensin-Converting Enzyme and Activation of the Renin-Angiotensin System Contribute to 20-Hydroxyeicosatetraenoic Acid-Mediated Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1917-1924.	1.1	57
9	Androgen-Sensitive Hypertension Associates with Upregulated Vascular CYP4A12-20-HETE Synthase. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1288-1296.	3.0	52
10	Estrogen/progesterone receptor and HER2 discordance between primary tumor and brain metastases in breast cancer and its effect on treatment and survival. <i>Neuro-Oncology</i> , 2020, 22, 1359-1367.	0.6	49
11	Androgen-Dependent Hypertension Is Mediated by 20-Hydroxy-5,8,11,14-Eicosatetraenoic Acid-Induced Vascular Dysfunction. <i>Hypertension</i> , 2011, 57, 788-794.	1.3	47
12	Focused Ultrasound-Mediated Blood-Brain Barrier Opening Increases Delivery and Efficacy of Etoposide for Glioblastoma Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 539-550.	0.4	44
13	Clinical and molecular characteristics of gliosarcoma and modern prognostic significance relative to conventional glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 137, 303-311.	1.4	43
14	Focused ultrasound mediated blood-brain barrier opening is safe and feasible in a murine pontine glioma model. <i>Scientific Reports</i> , 2021, 11, 6521.	1.6	41
15	Glucose-Regulated Protein 78 (GRP78) Silencing Enhances Cell Migration but Does Not Influence Cell Proliferation in Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2010, 17, 1703-1709.	0.7	40
16	Subfertility with Defective Folliculogenesis in Female Mice Lacking Testicular Orphan Nuclear Receptor 4. <i>Molecular Endocrinology</i> , 2008, 22, 858-867.	3.7	35
17	Treatment Outcomes and Dose Rate Effects Following Gamma Knife Stereotactic Radiosurgery for Vestibular Schwannomas. <i>Neurosurgery</i> , 2019, 85, E1084-E1094.	0.6	35
18	Frameless Stereotactic Radiosurgery on the Gamma Knife Icon: Early Experience From 100 Patients. <i>Neurosurgery</i> , 2020, 86, 509-516.	0.6	31

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19	20-HETE induces remodeling of renal resistance arteries independent of blood pressure elevation in hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F753-F763.	1.3	27
20	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.	0.9	26
21	Expression of human AR cDNA driven by its own promoter results in mild promotion, but not suppression, of growth in human prostate cancer PC-3 cells. <i>Asian Journal of Andrology</i> , 2007, 9, 181-188.	0.8	25
22	Knockdown of Thrombomodulin Enhances HCC Cell Migration through Increase of ZEB1 and Decrease of E-cadherin Gene Expression. <i>Annals of Surgical Oncology</i> , 2010, 17, 3379-3385.	0.7	25
23	Androgen-induced hypertension in angiotensinogen deficient mice: Role of 20-HETE and EETS. Prostaglandins and Other Lipid Mediators, 2015, 116-117, 124-130.	1.0	21
24	Stereotactic body radiotherapy for the pancreas: a critical review for the medical oncologist. <i>Journal of Gastrointestinal Oncology</i> , 2016, 7, 479-486.	0.6	21
25	Serial in vivo imaging of the lung metastases model and gene therapy using HSV1-tk and ganciclovir. <i>Journal of Nuclear Medicine</i> , 2006, 47, 877-84.	2.8	21
26	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.	1.1	17
27	A novel model to correlate hydrogel spacer placement, perirectal space creation, and rectum dosimetry in prostate stereotactic body radiotherapy. <i>Radiation Oncology</i> , 2018, 13, 192.	1.2	17
28	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.	1.4	16
29	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.	1.4	16
30	Induction of Non-Targeted Stress Responses in Mammary Tissues by Heavy Ions. <i>PLoS ONE</i> , 2015, 10, e0136307.	1.1	14
31	Radiation Therapy for the Management of Brain Metastases. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2016, 39, 416-422.	0.6	14
32	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.	1.4	14
33	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.	1.4	14
34	Survival and prognostic factors in patients with gastrointestinal cancers and brain metastases: have we made progress?. <i>Translational Research</i> , 2019, 208, 63-72.	2.2	13
35	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.	0.4	11
36	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

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37	Substituting Gadolinium in Brain MRI Using DeepContrast. , 2020, , .		11
38	Improving the Pediatric Patient Experience During Radiation Therapy-A Children's Oncology Group Study. International Journal of Radiation Oncology Biology Physics, 2021, 109, 505-514.	0.4	11
39	Exploiting Radiation Therapy to Restore Immune Reactivity of Glioblastoma. Frontiers in Oncology, 2021, 11, 671044.	1.3	11
40	Practice Patterns of Pediatric Total Body Irradiation Techniques: A Children's Oncology Group Survey. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1155-1164.	0.4	11
41	Single institution validation of a modified graded prognostic assessment of patients with breast cancer brain metastases. CNS Oncology, 2018, 7, 25-34.	1.2	9
42	A low percentage of metastases in deep brain and temporal lobe structures. Neuro-Oncology, 2019, 21, 640-647.	0.6	8
43	A Modern Radiotherapy Series of Survival in Hispanic Patients with Glioblastoma. World Neurosurgery, 2016, 88, 260-269.	0.7	7
44	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. Oncology Letters, 2016, 11, 141-149.	0.8	6
45	Risk of dry eye syndrome in patients treated with whole-brain radiotherapy. Medical Dosimetry, 2017, 42, 357-362.	0.4	6
46	Koebner phenomenon: Consideration when choosing fractionation for breast irradiation. Advances in Radiation Oncology, 2018, 3, 108-110.	0.6	6
47	Local control and overall survival for adjuvant stereotactic radiosurgery in patients with residual or recurrent disease. Journal of Neuro-Oncology, 2018, 136, 281-287.	1.4	6
48	Focused ultrasound induced-blood-brain barrier opening in mouse brain receiving radiosurgery dose of radiation enhances local delivery of systemic therapy. British Journal of Radiology, 2020, 93, 20190214.	1.0	6
49	Whole-brain Irradiation Field Design: A Comparison of Parotid Dose. Medical Dosimetry, 2017, 42, 145-149.	0.4	5
50	Velocity-based Adaptive Registration and Fusion for Fractionated Stereotactic Radiosurgery Using the Small Animal Radiation Research Platform. International Journal of Radiation Oncology Biology Physics, 2018, 102, 841-847.	0.4	5
51	Tumor subtype and other prognostic factors in breast cancer patients with brain metastases: The updated graded prognostic assessment (Breast-GPA).. Journal of Clinical Oncology, 2019, 37, 1079-1079.	0.8	4
52	Rectal balloon use limits vaginal displacement, rectal dose, and rectal toxicity in patients receiving IMRT for postoperative gynecological malignancies. Medical Dosimetry, 2018, 43, 23-29.	0.4	3
53	New Tracers PET in Head and Neck Squamous Cell Carcinoma. PET Clinics, 2012, 7, 431-441.	1.5	2
54	Stereotactic radiosurgery for treatment of multiple brain metastases: Remembering to spare the hippocampus?. Practical Radiation Oncology, 2017, 7, 446-447.	1.1	2

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55	Contour Variability in Thyroid Eye Disease with Compressive Optic Neuropathy Treated with Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2020, 5, 804-808.	0.6	2
56	Management of Pediatric Nasopharyngeal Carcinoma: A Role for RT Dose De-escalation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 11.	0.4	1
57	EPCT-23 PRE-CLINICAL STUDY OF FOCUSED ULTRASOUND-MEDIATED BLOOD-BRAIN BARRIER OPENING AND PANOBINOSTAT FOR DIFFUSE INTRINSIC PONTINE GLIOMA TREATMENT. <i>Neuro-Oncology</i> , 2021, 23, i52-i52.	0.6	1
58	Modeling of intensity-modulated focused ultrasound in pediatric brain tumors using acoustic holograms. , 2021, , .		1
59	91â€¦Impact of ultra-fast â€˜FLASHâ€™™ radiotherapy on single cell immunogenomics in diffuse intrinsic pontine glioma (DIPG). , 2021, 9, A100-A100.		1
60	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.	0.4	0
61	HGG-40. FOCUSED ULTRASOUND ENHANCES ETOPOSIDE DELIVERY IN A MURINE PONTINE GLIOMA MODEL. <i>Neuro-Oncology</i> , 2021, 23, i25-i26.	0.6	0
62	Teaching Mentoring: Utilizing a Resident-Student Peer Mentorship Program as a Tool to Educate Residents About the Core Components of Mentoring. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e9-e10.	0.4	0
63	20â€¦HETE INDUCES REMODELING OF RENAL RESISTANCE ARTERIES INDEPENDENT OF BLOOD PRESSURE ELEVATION IN ANDROGENâ€¦INDUCED HYPERTENSION. <i>FASEB Journal</i> , 2013, 27, 685.10.	0.2	0
64	LGG-22. EVALUATION OF IMMUNE AND GENOMIC CHARACTERISTICS IN PEDIATRIC OPTIC NERVE GLIOMA (ONG). <i>Neuro-Oncology</i> , 2020, 22, iii370-iii370.	0.6	0
65	DDEL-13. FOCUSED ULTRASOUND MEDIATED BLOOD BRAIN BARRIER DISRUPTION IN A MURINE MODEL OF PONTINE GLIOMA: A SAFETY AND FEASIBILITY STUDY. <i>Neuro-Oncology</i> , 2020, 22, iii286-iii286.	0.6	0
66	DIPG-45. Radiation induces a robust interferon response in Diffuse Midline Glioma (DMG), improving the potential for combination immunotherapy. <i>Neuro-Oncology</i> , 2022, 24, i28-i29.	0.6	0
67	DIPG-57. A systems biology approach to defining and targeting master regulator dependencies from bulk and single-Cell RNA-seq in diffuse midline glioma (DMG). <i>Neuro-Oncology</i> , 2022, 24, i31-i32.	0.6	0
68	MODL-24. Focused ultrasound-mediated blood-brain barrier opening and panobinostat in a thalamic syngeneic murine DMG model is feasible and safe.. <i>Neuro-Oncology</i> , 2022, 24, i174-i174.	0.6	0
69	MODL-25. Radiation and focused ultrasoundâ€“mediated bloodâ€“brain barrier opening for DMG: safety and feasibility of combinatorial therapy. <i>Neuro-Oncology</i> , 2022, 24, i174-i174.	0.6	0
70	EPID-07. Outcome disparities in children, adolescents and young adults with medulloblastoma: A population-based analysis. <i>Neuro-Oncology</i> , 2022, 24, i48-i48.	0.6	0