

# Jeng-Fong Chiou

## List of Publications by Year in descending order

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41  
papers

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citations

759233

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677142

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Nucleus Near-Infrared (nNIR) Irradiation of Single A549 Cells Induces DNA Damage and Activates EGFR Leading to Mitochondrial Fission. <i>Cells</i> , 2022, 11, 624.	4.1	2
2	Humoral Immunogenicity and Reactogenicity of the Standard ChAdOx1 nCoV-19 Vaccination in Taiwan. <i>Vaccines</i> , 2022, 10, 312.	4.4	3
3	Microtube Array Membrane Hollow Fiber Assay (MTAM-HFA) An Accurate and Rapid Potential Companion Diagnostic and Pharmacological Interrogation Solution for Cancer Immunotherapy (PD-1/PD-L1). <i>Biomolecules</i> , 2022, 12, 480.	4.0	4
4	Correlation between drug sensitivity profiles of circulating tumour cell-derived organoids and clinical treatment response in patients with pancreatic ductal adenocarcinoma. <i>European Journal of Cancer</i> , 2022, 166, 208-218.	2.8	16
5	Risk Management for Radiation-Induced Cardiovascular Disease (RICVD): The 2022 Consensus Statement of the Taiwan Society for Therapeutic Radiology and Oncology (TASTRO) and Taiwan Society of Cardiology (TSOC). <i>Acta Cardiologica Sinica</i> , 2022, 38, 1-12.	0.2	2
6	Recent Advances in Gold Nanomaterials for Photothermal Therapy. <i>Journal of Nanotheranostics</i> , 2022, 3, 117-131.	3.1	14
7	Pretreatment Neutrophil-to-Lymphocyte Ratio Predicts Survival and Liver Toxicity in Patients With Hepatocellular Carcinoma Treated With Stereotactic Ablative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 474-484.	0.8	10
8	Hepatic Reirradiation for Patients with Recurrent Hepatocellular Carcinoma. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1598.	2.5	1
9	The Effectiveness of Bereavement Support for Adult Family Caregivers in Palliative Care: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Nursing Scholarship</i> , 2021, 53, 208-217.	2.4	14
10	Real-Time Magnetic Resonance Guided Focused Ultrasound for Painful Bone Metastases. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
11	Molecular Mechanisms of Chemotherapy Resistance in Head and Neck Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 640392.	2.8	31
12	The feasibility of an approximate irregular field dose distribution simulation program applied to a respiratory motion compensation system. <i>Physica Medica</i> , 2021, 88, 117-126.	0.7	0
13	Patient-Derived Tumor Chemosensitization of GKB202, an Antrodia Cinnamomea Mycelium-Derived Bioactive Compound. <i>Molecules</i> , 2021, 26, 6018.	3.8	8
14	Reenvisioning Traditional to Regenerative Therapeutic Advances in Managing Nonalcoholic Fatty Liver Disease in Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-14.	2.3	0
15	Ex Vivo Expanded Circulating Tumor Cells for Clinical Anti-Cancer Drug Prediction in Patients with Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 6076.	3.7	22
16	Deep-Learning Approach to Predict Survival Outcomes Using Wearable Actigraphy Device Among End-Stage Cancer Patients. <i>Frontiers in Public Health</i> , 2021, 9, 730150.	2.7	8
17	Cardiac metastasis from non-visceral sarcoma. <i>Lancet Oncology</i> , The, 2020, 21, e66.	10.7	0
18	Tumor motion tracking based on a four-dimensional computed tomography respiratory motion model driven by an ultrasound tracking technique. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 26-39.	2.0	4

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19	Ex Vivo Expansion and Drug Sensitivity Profiling of Circulating Tumor Cells from Patients with Small Cell Lung Cancer. <i>Cancers</i> , 2020, 12, 3394.	3.7	30
20	A Combined Systemic Strategy for Overcoming Cisplatin Resistance in Head and Neck Cancer: From Target Identification to Drug Discovery. <i>Cancers</i> , 2020, 12, 3482.	3.7	6
21	Physical Cues in the Microenvironment Regulate Stemness-Dependent Homing of Breast Cancer Cells. <i>Cancers</i> , 2020, 12, 2176.	3.7	4
22	Fast Fourier transform combined with phase leading compensator for respiratory motion compensation system. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 907-920.	2.0	6
23	Simulating the approximate irregular field dose distribution in radiotherapy using an ultrasound tracking technique. <i>Physica Medica</i> , 2020, 70, 19-27.	0.7	2
24	Chemoradiotherapy for Inoperable Carotid Body Leiomyosarcoma: A Case Report and Review of Literature. <i>Frontiers in Oncology</i> , 2020, 10, 599403.	2.8	0
25	Adaptive control of phase leading compensator parameters applied to respiratory motion compensation system. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 715-729.	1.0	3
26	Prognostic and predictive factors for clinical and radiographic responses in patients with painful bone metastasis treated with magnetic resonance-guided focused ultrasound surgery. <i>International Journal of Hyperthermia</i> , 2019, 36, 931-936.	2.5	13
27	Feasibility of Two-Dimensional Radiation Dose Distribution Simulation Through Ultrasound Tracking of Respiratory Motion. <i>Journal of Medical and Biological Engineering</i> , 2019, 39, 480-489.	1.8	0
28	Piperlongumine inhibits cancer stem cell properties and regulates multiple malignant phenotypes in oral cancer. <i>Oncology Letters</i> , 2018, 15, 1789-1798.	1.8	11
29	Application of Ultrasound Image Tracking Algorithm for Real-Time Diaphragmatic Excursion Measurement. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 678-684.	1.8	3
30	Experimental verification of a two-dimensional respiratory motion compensation system with ultrasound tracking technique in radiation therapy. <i>Physica Medica</i> , 2018, 49, 11-18.	0.7	10
31	Treatment of Liver Metastases Using an Internal Target Volume Method for Stereotactic Body Radiotherapy. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	0
32	Effectiveness of esophagectomy in patients with thoracic esophageal squamous cell carcinoma receiving definitive radiotherapy or concurrent chemoradiotherapy through intensity-modulated radiation therapy techniques. <i>Cancer</i> , 2017, 123, 2043-2053.	4.1	62
33	Tracking and compensation of respiration pattern by an automatic compensation system. <i>Medical Physics</i> , 2017, 44, 2077-2095.	3.0	4
34	Development of an in vitro diaphragm motion reproduction system. <i>Physica Medica</i> , 2017, 39, 39-49.	0.7	1
35	Cisplatin-induced regulation of signal transduction pathways and transcription factors in p53-mutated subclone variants of hepatoma cells: Potential application for therapeutic targeting. <i>Oncology Letters</i> , 2016, 12, 3723-3730.	1.8	2
36	Clinical parameters for predicting radiation-induced liver disease after intrahepatic reirradiation for hepatocellular carcinoma. <i>Radiation Oncology</i> , 2016, 11, 89.	2.7	26

#	ARTICLE	IF	CITATIONS
37	An autotuning respiration compensation system based on ultrasound image tracking. Journal of X-Ray Science and Technology, 2016, 24, 875-892.	1.0	13
38	Preclinical investigation of ibrutinib, a Bruton's kinase tyrosine (Btk) inhibitor, in suppressing glioma tumorigenesis and stem cell phenotypes. Oncotarget, 2016, 7, 69961-69975.	1.8	45
39	Targeting annexin A2 reduces tumorigenesis and therapeutic resistance of nasopharyngeal carcinoma. Oncotarget, 2015, 6, 26946-26959.	1.8	38
40	Phase 2 Study of Combined Sorafenib and Radiation Therapy in Patients With Advanced Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2014, 88, 1041-1047.	0.8	118
41	Staphylokinase-Annexin XI Chimera Exhibited Efficient in Vitro Thrombolytic Activities. Bioscience, Biotechnology and Biochemistry, 2007, 71, 1122-1129.	1.3	8