

# Julian C Hong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/82614/publications.pdf>

Version: 2024-02-01

73  
papers

1,284  
citations

361413

20  
h-index

395702

33  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence in Radiotherapy Treatment Planning: Present and Future. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381987392.	1.9	117
2	Classification for long-term survival in oligometastatic patients treated with ablative radiotherapy: A multi-institutional pooled analysis. <i>PLoS ONE</i> , 2018, 13, e0195149.	2.5	99
3	Pulmonary Ventilation Imaging Based on 4-Dimensional Computed Tomography: Comparison With Pulmonary Function Tests and ASPECT Ventilation Images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 414-422.	0.8	81
4	A nomogram to predict loco-regional control after re-irradiation for head and neck cancer. <i>Radiotherapy and Oncology</i> , 2014, 111, 382-387.	0.6	75
5	Reproducibility of Four-dimensional Computed Tomography-based Lung Ventilation Imaging. <i>Academic Radiology</i> , 2012, 19, 1554-1565.	2.5	53
6	System for High-Intensity Evaluation During Radiation Therapy (SHIELD-RT): A Prospective Randomized Study of Machine Learning- Directed Clinical Evaluations During Radiation and Chemoradiation. <i>Journal of Clinical Oncology</i> , 2020, 38, 3652-3661.	1.6	49
7	Spatial-temporal variability of radiomic features and its effect on the classification of lung cancer histology. <i>Physics in Medicine and Biology</i> , 2018, 63, 225003.	3.0	44
8	Association of pre-treatment radiomic features with lung cancer recurrence following stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 025007.	3.0	41
9	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
10	Predicting Emergency Visits and Hospital Admissions During Radiation and Chemoradiation: An Internally Validated Pretreatment Machine Learning Algorithm. <i>JCO Clinical Cancer Informatics</i> , 2018, 2, 1-11.	2.1	39
11	High Retention and Safety of Percutaneously Implanted Endovascular Embolization Coils as Fiducial Markers for Image-Guided Stereotactic Ablative Radiotherapy of Pulmonary Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 85-90.	0.8	38
12	Risk of Cerebrovascular Events in Elderly Patients After Radiation Therapy Versus Surgery for Early-Stage Glottic Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 290-296.	0.8	32
13	Radiation dose and cardiac risk in breast cancer treatment: An analysis of modern radiation therapy including community settings. <i>Practical Radiation Oncology</i> , 2018, 8, e79-e86.	2.1	30
14	An Exploratory Radiomics Approach to Quantifying Pulmonary Function in CT Images. <i>Scientific Reports</i> , 2019, 9, 11509.	3.3	30
15	Mid-radiotherapy PET/CT for prognostication and detection of early progression in patients with stage III non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 125, 338-343.	0.6	29
16	Disparities in Electronic Health Record Patient Portal Enrollment Among Oncology Patients. <i>JAMA Oncology</i> , 2021, 7, 935.	7.1	28
17	The expanding role of stereotactic body radiation therapy in oligometastatic solid tumors: What do we know and where are we going?. <i>Cancer Treatment Reviews</i> , 2017, 52, 22-32.	7.7	26
18	Stereotactic body radiation therapy versus sublobar resection for stage I NSCLC. <i>Lung Cancer</i> , 2018, 125, 185-191.	2.0	26

#	ARTICLE	IF	CITATIONS
19	Primary Versus Preoperative Radiation for Locally Advanced Vulvar Cancer. <i>International Journal of Gynecological Cancer</i> , 2017, 27, 794-804.	2.5	24
20	Combined Modality Therapy for Rectal Cancer: The Relative Value of Posttreatment Versus Pretreatment CEA as a Prognostic Marker for Disease Recurrence. <i>Annals of Surgical Oncology</i> , 2012, 19, 2471-2476.	1.5	22
21	Chemoradiotherapy Before and After Surgery for Locally Advanced Esophageal Cancer: A SEER-Medicare Analysis. <i>Annals of Surgical Oncology</i> , 2013, 20, 3999-4007.	1.5	22
22	Natural language processing for abstraction of cancer treatment toxicities: accuracy versus human experts. <i>JAMIA Open</i> , 2021, 3, 513-517.	2.0	22
23	Radiation Records in the National Cancer Database: Variations in Coding and/or Practice Can Significantly Alter Survival Results. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-9.	2.1	20
24	Migration of implanted markers for image-guided lung tumor stereotactic ablative radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 77-89.	1.9	19
25	A current perspective on stereotactic body radiation therapy for pancreatic cancer. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 6733-6739.	2.0	19
26	Radiation Therapy in the Treatment of Minor Salivary Gland Tumors. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2014, 37, 492-497.	1.3	18
27	Data-Derived Treatment Duration Goal for Cervical Cancer: Should 8 Weeks Remain the Target in the Era of Concurrent Chemoradiation?. <i>JCO Clinical Cancer Informatics</i> , 2017, 1, 1-15.	2.1	18
28	A Nomogram for Testosterone Recovery After Combined Androgen Deprivation and Radiation Therapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 834-842.	0.8	18
29	An automated method for comparing motion artifacts in cine four-dimensional computed tomography images. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 170-180.	1.9	17
30	Association of Interim FDG-PET Imaging During Chemoradiation for Squamous Anal Canal Carcinoma With Recurrence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1046-1051.	0.8	15
31	Impact of Chemotherapy and Radiotherapy on Management of Early Stage Clear Cell and Papillary Serous Carcinoma of the Uterus. <i>International Journal of Gynecological Cancer</i> , 2017, 27, 720-729.	2.5	13
32	Increasing PET Use in Small Cell Lung Cancer: Survival Improvement and Stage Migration in the VA Central Cancer Registry. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2019, 17, 127-139.	4.9	11
33	Interrater Reliability in Toxicity Identification: Limitations of Current Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 996-1000.	0.8	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. <i>Cancer</i> , 2022, 128, 344-352.	4.1	11
35	Strategies to Turn Real-world Data Into Real-world Knowledge. <i>JAMA Network Open</i> , 2021, 4, e2128045.	5.9	11
36	Intratreatment Response Assessment With 18F-FDG PET: Correlation of Semiquantitative PET Features With Pathologic Response of Esophageal Cancer to Neoadjuvant Chemoradiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1002-1007.	0.8	10

#	ARTICLE	IF	CITATIONS
37	Risk Stratification for Imminent Risk of Death at the Time of Palliative Radiotherapy Consultation. JAMA Network Open, 2021, 4, e2115641.	5.9	10
38	Dose escalation for unresectable locally advanced non-small cell lung cancer: end of the line?. Translational Lung Cancer Research, 2016, 5, 126-33.	2.8	10
39	Role of adjuvant chemotherapy following chemoradiation and surgery for locoregionally advanced rectal cancer: A Veterans Health Administration analysis.. Journal of Clinical Oncology, 2018, 36, 741-741.	1.6	9
40	Increased Number of Beam Angles Is Associated With Higher Cardiac Dose in Adjuvant Fixed Gantry Intensity Modulated Radiation Therapy of Left-Sided Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2017, 99, 1137-1145.	0.8	8
41	Irradiation for locoregionally recurrent, never-irradiated oral cavity cancers. Head and Neck, 2015, 37, 1633-1641.	2.0	7
42	Survival Advantage With Adjuvant Chemotherapy for Locoregionally Advanced Rectal Cancer: A Veterans Health Administration Analysis. Journal of the National Comprehensive Cancer Network: JNCCN, 2020, 18, 52-58.	4.9	7
43	Electronic health record data mining for artificial intelligence healthcare. , 2021, , 133-150.		6
44	Prediction of mental health disorder onset and impact on emergency visits following a cancer diagnosis.. Journal of Clinical Oncology, 2020, 38, 2041-2041.	1.6	6
45	<scp>COVID</scp>â€19 outcomes in patients with cancer: Findings from the University of California health system database. Cancer Medicine, 2022, 11, 2204-2215.	2.8	6
46	Radiotherapy Treatment Planning in the Age of AI: Are We Ready Yet?. Technology in Cancer Research and Treatment, 2019, 18, 153303381989457.	1.9	5
47	Chest Wall Deformity in the Radiation Oncology Clinic. Anticancer Research, 2016, 36, 5295-5300.	1.1	5
48	Long-term Clinical Outcomes of Nonoperative Management With Chemoradiotherapy for Locally Advanced Rectal Cancer in the Veterans Health Administration. International Journal of Radiation Oncology Biology Physics, 2019, 103, 565-573.	0.8	4
49	Opportunities to use electronic health record audit logs to improve cancer care. Cancer Medicine, 2022, 11, 3296-3303.	2.8	4
50	Patterns of failure after salvage re-irradiation for recurrent head and neck cancer: implications for field design and consolidation therapy. Journal of Radiation Oncology, 2014, 3, 139-145.	0.7	3
51	High-volume providers and brachytherapy practice: A Medicare provider utilization and payment analysis. Brachytherapy, 2018, 17, 906-911.	0.5	3
52	Combined-modality Therapy for Rectal Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2014, 37, 122-125.	1.3	2
53	Modern Radiation Therapy for Left-Sided Breast Cancer: An Analysis of Mean Heart Dose Within Diverse Practice Settings. International Journal of Radiation Oncology Biology Physics, 2016, 96, S209.	0.8	2
54	IMRT Utilization Rates for Treatment of Intact Cervical Cancer: A National Cancer Database Analysis. International Journal of Radiation Oncology Biology Physics, 2017, 99, E285-E286.	0.8	2

#	ARTICLE	IF	CITATIONS
55	Characterizing chronological accumulation of comorbidities in healthy veterans: a computational approach. <i>Scientific Reports</i> , 2021, 11, 8104.	3.3	2
56	Assessing Clinical Outcomes in a Data-Rich World—A Reality Check on Real-World Data. <i>JAMA Network Open</i> , 2021, 4, e2117826.	5.9	2
57	Total Treatment Duration for Cervical Cancer: Is 55 Days Still the Goal in the Era of Concurrent Chemotherapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, S15.	0.8	1
58	Sensitivity of Radiomic Features to Acquisition Noise and Respiratory Motion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, S93-S94.	0.8	1
59	Development of a Machine Learning Methodology to Estimate Lung Stereotactic Body Radiation Therapy Dosimetric Endpoints Based on Patient-Specific Anatomic Features. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E420-E421.	0.8	0
60	Interim FDG Positron Emission Tomography Imaging During Chemoradiation for Squamous Anal Canal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E183.	0.8	0
61	Increasing utilization of intensity modulated radiation therapy in vulvar cancer: National Practice Patterns 2004–2012. <i>Journal of Radiation Oncology</i> , 2017, 6, 197-206.	0.7	0
62	Intratreatment FDG-PET Imaging to Predict Radiation Induced Esophagitis During Chemoradiation Therapy for Esophageal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E189.	0.8	0
63	Non-operative Management for Locally Advanced Rectal Cancer in the Veterans Health Administration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, S67-S68.	0.8	0
64	Tumor lysis syndrome following radiation therapy in metastatic pancreatic cancer: A case report. <i>Case Reports in Clinical Pathology</i> , 2017, 4, 22.	0.0	0
65	Role of Radiotherapy in Locally Advanced Pancreatic Cancer. , 2018, , 1435-1460.		0
66	Predicting Emergency Visits and Hospital Admissions in Radiation and Chemoradiation: Performance of a Pre-Treatment Machine Learning Algorithm on Different Disease Sites in an Internal Validation Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, S59-S60.	0.8	0
67	Chemotherapy and radiotherapy in early stage uterine papillary serous and clear-cell carcinoma: A National Cancer Data Base study.. <i>Journal of Clinical Oncology</i> , 2016, 34, 5590-5590.	1.6	0
68	A nomogram for testosterone recovery following combined androgen deprivation therapy and radiation therapy for prostate cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, 67-67.	1.6	0
69	Interim FDG-PET imaging during neoadjuvant chemoradiotherapy for esophageal cancer: Correlation with pathologic response.. <i>Journal of Clinical Oncology</i> , 2017, 35, 175-175.	1.6	0
70	Improved survival of small cell lung cancer in the veterans health administration from 2000-2010: Association with increasing utilization of PET staging.. <i>Journal of Clinical Oncology</i> , 2018, 36, e20571-e20571.	1.6	0
71	Characterization of temporal relationships of comorbidities developed following cancer diagnoses in veterans.. <i>Journal of Clinical Oncology</i> , 2019, 37, e18049-e18049.	1.6	0
72	Authors'™ Reply. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2019, 17, xxxixa-xl.	4.9	0

#	ARTICLE	IF	CITATIONS
73	Early salvage versus adjuvant therapy for treatment of prostate cancer following prostatectomy. BMJ Evidence-Based Medicine, 2021, 26, bmjebm-2020-111592.	3.5	0