

Mary Feng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

3,580
citations

29
h-index

59
g-index

74
ext. papers

4,302
ext. citations

3.1
avg, IF

4.98
L-index

#	Paper	IF	Citations
73	Development and validation of a heart atlas to study cardiac exposure to radiation following treatment for breast cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 79, 10-8	4	410
72	Intensity-modulated radiotherapy of head and neck cancer aiming to reduce dysphagia: early dose-effect relationships for the swallowing structures. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 68, 1289-98	4	379
71	Outcomes After Stereotactic Body Radiotherapy or Radiofrequency Ablation for Hepatocellular Carcinoma. <i>Journal of Clinical Oncology</i> , 2016 , 34, 452-9	2.2	308
70	Intensity-modulated chemoradiotherapy aiming to reduce dysphagia in patients with oropharyngeal cancer: clinical and functional results. <i>Journal of Clinical Oncology</i> , 2010 , 28, 2732-8	2.2	261
69	Pancreatic adenocarcinoma, version 2.2014: featured updates to the NCCN guidelines. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2014 , 12, 1083-93	7.3	254
68	Chemo-IMRT of oropharyngeal cancer aiming to reduce dysphagia: swallowing organs late complication probabilities and dosimetric correlates. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, e93-9	4	187
67	Characterization of pancreatic tumor motion using cine MRI: surrogates for tumor position should be used with caution. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 884-91	4	131
66	Using fluorodeoxyglucose positron emission tomography to assess tumor volume during radiotherapy for non-small-cell lung cancer and its potential impact on adaptive dose escalation and normal tissue sparing. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 73, 1228-34	4	121
65	Predictive factors for late genitourinary and gastrointestinal toxicity in patients with prostate cancer treated with adjuvant or salvage radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 68, 1417-23	4	93
64	Individualized Adaptive Stereotactic Body Radiotherapy for Liver Tumors in Patients at High Risk for Liver Damage: A Phase 2 Clinical Trial. <i>JAMA Oncology</i> , 2018 , 4, 40-47	13.4	90
63	Differences in the Acute Toxic Effects of Breast Radiotherapy by Fractionation Schedule: Comparative Analysis of Physician-Assessed and Patient-Reported Outcomes in a Large Multicenter Cohort. <i>JAMA Oncology</i> , 2015 , 1, 918-30	13.4	86
62	Radiation therapy for hepatocellular carcinoma. <i>Seminars in Radiation Oncology</i> , 2011 , 21, 271-7	5.5	79
61	Stereotactic Body Radiation Therapy as an Alternative to Transarterial Chemoembolization for Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 122-130	4	76
60	American Association of Physicists in Medicine Task Group 263: Standardizing Nomenclatures in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 1057-1066	4	68
59	Prediction of liver function by using magnetic resonance-based portal venous perfusion imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 258-63	4	51
58	Machine Learning in Radiation Oncology: Opportunities, Requirements, and Needs. <i>Frontiers in Oncology</i> , 2018 , 8, 110	5.3	49
57	Choosing wisely? Patterns and correlates of the use of hypofractionated whole-breast radiation therapy in the state of Michigan. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 1010-6	4	47

56	Predictors of Dysgeusia in Patients With Oropharyngeal Cancer Treated With Chemotherapy and Intensity Modulated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 354-361	4	46
55	Neoadjuvant stereotactic body radiation therapy, capecitabine, and liver transplantation for unresectable hilar cholangiocarcinoma. <i>Liver Transplantation</i> , 2014 , 20, 81-8	4.5	44
54	Long-term outcomes after radiotherapy for retroperitoneal and deep truncal sarcoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 69, 103-10	4	44
53	Assessing the Dosimetric Accuracy of Magnetic Resonance-Generated Synthetic CT Images for Focal Brain VMAT Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 1154-61	4	42
52	Stereotactic body radiation therapy for primary and metastatic liver tumors. <i>Translational Oncology</i> , 2013 , 6, 442-6	4.9	39
51	Risk factors for local recurrence and metastasis in soft tissue sarcomas of the extremity. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2012 , 35, 151-7	2.7	39
50	The big data effort in radiation oncology: Data mining or data farming?. <i>Advances in Radiation Oncology</i> , 2016 , 1, 260-271	3.3	38
49	Recent Time Trends and Predictors of Heart Dose From Breast Radiation Therapy in a Large Quality Consortium of Radiation Oncology Practices. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 1154-1161	4	37
48	A phase I clinical and pharmacology study using amifostine as a radioprotector in dose-escalated whole liver radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, 1441-7	4.7	31
47	Future issues in highly conformal radiotherapy for head and neck cancer. <i>Journal of Clinical Oncology</i> , 2007 , 25, 1009-13	2.2	30
46	Comparison of Stereotactic Body Radiation Therapy and Radiofrequency Ablation in the Treatment of Intrahepatic Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 950-958	4.8	29
45	Predictive factors of local-regional recurrences following parotid sparing intensity modulated or 3D conformal radiotherapy for head and neck cancer. <i>Radiotherapy and Oncology</i> , 2005 , 77, 32-8	5.3	29
44	Normal tissue anatomy for oropharyngeal cancer: contouring variability and its impact on optimization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, e245-9	4	28
43	Estimating functional liver reserve following hepatic irradiation: adaptive normal tissue response models. <i>Radiotherapy and Oncology</i> , 2014 , 111, 418-23	5.3	24
42	Predictive models for regional hepatic function based on 99mTc-IDA SPECT and local radiation dose for physiologic adaptive radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 86, 1000-6	4	24
41	Cost-effectiveness of Stereotactic Body Radiation Therapy versus Radiofrequency Ablation for Hepatocellular Carcinoma: A Markov Modeling Study. <i>Radiology</i> , 2017 , 283, 460-468	20.5	23
40	A randomised, open-label, phase II study of neo/adjuvant doxorubicin and ifosfamide versus gemcitabine and docetaxel in patients with localised, high-risk, soft tissue sarcoma. <i>European Journal of Cancer</i> , 2015 , 51, 1794-802	7.5	22
39	Enhancing safety and quality through preplanning peer review for patients undergoing stereotactic body radiation therapy. <i>Practical Radiation Oncology</i> , 2016 , 6, e39-46	2.8	21

38	Local and Global Function Model of the Liver. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 181-188	4	20
37	A multi-institutional phase 2 trial of prostate stereotactic body radiation therapy (SBRT) using continuous real-time evaluation of prostate motion with patient-reported quality of life. <i>Practical Radiation Oncology</i> , 2018 , 8, 40-47	2.8	19
36	Effectiveness and cost of radiofrequency ablation and stereotactic body radiotherapy for treatment of early-stage hepatocellular carcinoma: An analysis of SEER-medicare. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018 , 62, 673-681	1.7	19
35	Radiotherapy for Hepatocellular Carcinoma. <i>Seminars in Radiation Oncology</i> , 2018 , 28, 277-287	5.5	16
34	Wide Variation in the Diffusion of a New Technology: Practice-Based Trends in Intensity-Modulated Radiation Therapy (IMRT) Use in the State of Michigan, With Implications for IMRT Use Nationally. <i>Journal of Oncology Practice</i> , 2015 , 11, e373-9	3.1	15
33	Long term outcomes of stereotactic body radiation therapy for hepatocellular carcinoma without macrovascular invasion. <i>European Journal of Cancer</i> , 2020 , 134, 41-51	7.5	15
32	Quantification of liver function by linearization of a two-compartment model of gadoxetic acid uptake using dynamic contrast-enhanced magnetic resonance imaging. <i>NMR in Biomedicine</i> , 2018 , 31, e3913	4.4	14
31	Big data analysis of associations between patient reported outcomes, observer reported toxicities, and overall quality of life in head and neck cancer patients treated with radiation therapy. <i>Radiotherapy and Oncology</i> , 2019 , 137, 167-174	5.3	13
30	Development of a model web-based system to support a statewide quality consortium in radiation oncology. <i>Practical Radiation Oncology</i> , 2017 , 7, e205-e213	2.8	12
29	Implementing Radiation Dose-Volume Liver Response in Biomechanical Deformable Image Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 1004-1012	4	12
28	Minimum Data Elements for Radiation Oncology: An American Society for Radiation Oncology Consensus Paper. <i>Practical Radiation Oncology</i> , 2019 , 9, 395-401	2.8	11
27	Using Indocyanine Green Extraction to Predict Liver Function After Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 131-137	4	11
26	Arterial perfusion imaging-defined subvolume of intrahepatic cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 167-74	4	11
25	Dose--effect relationships for femoral fractures after multimodality limb-sparing therapy of soft-tissue sarcomas of the proximal lower extremity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, 1257-63	4	11
24	Dosimetric analysis of radiation-induced gastric bleeding. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, e1-6	4	11
23	Potential use of ultrasound speckle tracking for motion management during radiotherapy: preliminary report. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 469-81	2.9	11
22	Performance/outcomes data and physician process challenges for practical big data efforts in radiation oncology. <i>Medical Physics</i> , 2018 , 45, e811-e819	4.4	10
21	Serum Levels of Hepatocyte Growth Factor and CD40 Ligand Predict Radiation-Induced Liver Injury. <i>Translational Oncology</i> , 2019 , 12, 889-894	4.9	8

20	Failure mode and effects analysis in a dual-product microsphere brachytherapy environment. <i>Practical Radiation Oncology</i> , 2016 , 6, e299-e306	2.8	8
19	Optimizing global liver function in radiation therapy treatment planning. <i>Physics in Medicine and Biology</i> , 2016 , 61, 6465-84	3.8	7
18	Radiation Therapy in HCC: What Data Exist and What Data Do We Need to Incorporate into Guidelines?. <i>Seminars in Liver Disease</i> , 2019 , 39, 43-52	7.3	7
17	Dosimetric predictors for acute esophagitis during radiation therapy for lung cancer: Results of a large statewide observational study. <i>Practical Radiation Oncology</i> , 2018 , 8, 167-173	2.8	7
16	Stereotactic Body Radiation Therapy for Liver Cancer: Effective Therapy With Minimal Impact on Quality of Life. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 26-8	4	5
15	Factors Impacting Differential Outcomes in the Definitive Radiation Treatment of Anal Cancer Between HIV-Positive and HIV-Negative Patients. <i>Oncologist</i> , 2020 , 25, 772-779	5.7	5
14	An Overdetermined System of Transform Equations in Support of Robust DCE-MRI Registration With Outlier Rejection. <i>Tomography</i> , 2016 , 2, 188-196	3.1	5
13	Stereotactic Body Radiation Therapy (SBRT) in Hepatocellular Carcinoma. <i>Current Hepatology Reports</i> , 2021 , 20, 12-22	1	5
12	Cholangiocarcinoma and Gallbladder Cases: An Expert Panel Case-Based Discussion. <i>Seminars in Radiation Oncology</i> , 2018 , 28, 351-361	5.5	4
11	Breast Sarcomas, Phyllodes Tumors, and Desmoid Tumors: Epidemiology, Diagnosis, Staging, and Histology-Specific Management Considerations. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2021 , 41, 390-404	7.1	2
10	Cardiac Magnetic Resonance Imaging and Blood Biomarkers for Evaluation of Radiation-Induced Cardiotoxicity in Patients With Breast Cancer: Results of a Phase 2 Clinical Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 ,	4	2
9	Phase I Trial of Dose-escalated Whole Liver Irradiation With Hepatic Arterial Fluorodeoxyuridine/Leucovorin and Streptozotocin Followed by Fluorodeoxyuridine/Leucovorin and Chemoembolization for Patients With Neuroendocrine Hepatic Metastases. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019 , 41, 226-231	2.7	1
8	Intensity-Modulated and Image-Guided Radiation Therapy 2016 , 294-324.e5		1
7	Stereotactic body radiotherapy (SBRT) as an alternative to transarterial chemoembolization (TACE) for hepatocellular carcinoma (HCC).. <i>Journal of Clinical Oncology</i> , 2016 , 34, 4087-4087	2.2	1
6	Development of an Illustrated Scale for Acute Radiation Dermatitis in Breast Cancer Patients. <i>Practical Radiation Oncology</i> , 2021 , 11, 168-176	2.8	1
5	Use of advanced PET-volume metrics predicts risk of local recurrence and overall survival in anal cancer. <i>PLoS ONE</i> , 2021 , 16, e0246535	3.7	0
4	Reply to Yang et al and De Bari et al. <i>Journal of Clinical Oncology</i> , 2016 , 34, 2799	2.2	
3	Adjuvant therapy for pancreatic cancer: the glass is half empty. <i>Nature Clinical Practice Oncology</i> , 2007 , 4, 148-9		

2 Bone (osteosarcoma)745-753

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