

Mary Feng

List of Publications by Year in Descending Order

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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 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |
| 69 | Stereotactic Body Radiation Therapy (SBRT) in Hepatocellular Carcinoma. <i>Current Hepatology Reports</i> , 2021 , 20, 12-22 | 1 | 5 |
| 68 | 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 |
| 67 | 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 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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: Clinical Trials</i> , 2018 , 11, 206-211 | 2.7 | 1 |
| 58 | 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 |
| 57 | 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 |

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| 56 | 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 |
| 55 | Machine Learning in Radiation Oncology: Opportunities, Requirements, and Needs. <i>Frontiers in Oncology</i> , 2018 , 8, 110 | 5.3 | 49 |
| 54 | 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 |
| 53 | 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 |
| 52 | 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 |
| 51 | Radiotherapy for Hepatocellular Carcinoma. <i>Seminars in Radiation Oncology</i> , 2018 , 28, 277-287 | 5.5 | 16 |
| 50 | Cholangiocarcinoma and Gallbladder Cases: An Expert Panel Case-Based Discussion. <i>Seminars in Radiation Oncology</i> , 2018 , 28, 351-361 | 5.5 | 4 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | Reply to Yang et al and De Bari et al. <i>Journal of Clinical Oncology</i> , 2016 , 34, 2799 | 2.2 | |
| 42 | Local and Global Function Model of the Liver. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 181-188 | 4 | 20 |
| 41 | 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 |
| 40 | Outcomes After Stereotactic Body Radiotherapy or Radiofrequency Ablation for Hepatocellular Carcinoma. <i>Journal of Clinical Oncology</i> , 2016 , 34, 452-9 | 2.2 | 308 |
| 39 | Intensity-Modulated and Image-Guided Radiation Therapy 2016 , 294-324.e5 | | 1 |

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| 38 | 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 |
| 37 | 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 |
| 36 | Optimizing global liver function in radiation therapy treatment planning. <i>Physics in Medicine and Biology</i> , 2016 , 61, 6465-84 | 3.8 | 7 |
| 35 | 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 |
| 34 | Failure mode and effects analysis in a dual-product microsphere brachytherapy environment. <i>Practical Radiation Oncology</i> , 2016 , 6, e299-e306 | 2.8 | 8 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | Estimating functional liver reserve following hepatic irradiation: adaptive normal tissue response models. <i>Radiotherapy and Oncology</i> , 2014 , 111, 418-23 | 5.3 | 24 |
| 27 | 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 |
| 26 | 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 |
| 25 | Neoadjuvant stereotactic body radiation therapy, capecitabine, and liver transplantation for unresectable hilar cholangiocarcinoma. <i>Liver Transplantation</i> , 2014 , 20, 81-8 | 4.5 | 44 |
| 24 | Arterial perfusion imaging-defined subvolume of intrahepatic cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 167-74 | 4 | 11 |
| 23 | 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 |
| 22 | 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 |
| 21 | Stereotactic body radiation therapy for primary and metastatic liver tumors. <i>Translational Oncology</i> , 2013 , 6, 442-6 | 4.9 | 39 |

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| 20 | 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 |
| 19 | 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 | 31 |
| 18 | Dosimetric analysis of radiation-induced gastric bleeding. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, e1-6 | 4 | 11 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | Radiation therapy for hepatocellular carcinoma. <i>Seminars in Radiation Oncology</i> , 2011 , 21, 271-7 | 5.5 | 79 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | Adjuvant therapy for pancreatic cancer: the glass is half empty. <i>Nature Clinical Practice Oncology</i> , 2007 , 4, 148-9 | | |
| 4 | Future issues in highly conformal radiotherapy for head and neck cancer. <i>Journal of Clinical Oncology</i> , 2007 , 25, 1009-13 | 2.2 | 30 |
| 3 | 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 |

2 Bone (osteosarcoma)745-753

1 Bone (Osteosarcoma)745-753