

Aradhana M Venkatesan

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.

49
papers

1,814
citations

20
h-index

42
g-index

52
ext. papers

2,233
ext. citations

3.5
avg, IF

4.34
L-index

#	Paper	IF	Citations
49	Prospective Evaluation of Prostate and Organs at Risk Segmentation Software for MRI-based Prostate Radiation Therapy.. <i>Radiology: Artificial Intelligence</i> , 2022 , 4, e210151	8.7	0
48	Combination antiangiogenic tyrosine kinase inhibition and anti-PD1 immunotherapy in metastatic renal cell carcinoma: A retrospective analysis of safety, tolerance, and clinical outcomes. <i>Cancer Medicine</i> , 2021 , 10, 2341-2349	4.8	8
47	Gastrointestinal Computed Tomography Findings in Chronic Granulomatous Disease with Subgroup Clinicopathologic Analysis. <i>Digestive Diseases and Sciences</i> , 2021 , 1	4	0
46	Automatic Segmentation Using Deep Learning to Enable Online Dose Optimization During Adaptive Radiation Therapy of Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 109, 1096-1110	4	15
45	Detecting recurrent prostate Cancer using multiparametric MRI, influence of PSA and Gleason grade. <i>Cancer Imaging</i> , 2021 , 21, 3	5.6	1
44	Fully Balanced SSFP Without an Endorectal Coil for Postimplant QA of MRI-Assisted Radiosurgery (MARS) of Prostate Cancer: A Prospective Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 109, 614-625	4	3
43	Computer-aided segmentation on MRI for prostate radiotherapy, part I: Quantifying human interobserver variability of the prostate and organs at risk and its impact on radiation dosimetry.. <i>Radiotherapy and Oncology</i> , 2021 ,	5.3	1
42	Clinical utility and value contribution of an MRI-positive line marker for image-guided brachytherapy in gynecologic malignancies. <i>Brachytherapy</i> , 2020 , 19, 305-315	2.4	3
41	Modeling Complex Deformations of the Sigmoid Colon Between External Beam Radiation Therapy and Brachytherapy Images of Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 1084-1094	4	2
40	ACR Appropriateness Criteria□ Recurrent Lower Urinary Tract Infections in Females. <i>Journal of the American College of Radiology</i> , 2020 , 17, S487-S496	3.5	1
39	Developing an intraoperative 3T MRI-guided brachytherapy program within a diagnostic imaging suite: Methods, process workflow, and value-based analysis. <i>Brachytherapy</i> , 2020 , 19, 427-437	2.4	3
38	Machine Segmentation of Pelvic Anatomy in MRI-Assisted Radiosurgery (MARS) for Prostate Cancer Brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 1292-1303	4	7
37	MRI for Radiation Therapy Planning in Human Papillomavirus-associated Gynecologic Cancers. <i>Radiographics</i> , 2019 , 39, 1476-1500	5.4	0
36	Conditional survival of patients with small renal masses undergoing active surveillance. <i>BJU International</i> , 2019 , 123, 447-455	5.6	6
35	Deep learning application engine (DLAE): Development and integration of deep learning algorithms in medical imaging. <i>SoftwareX</i> , 2019 , 10, 100347-100347	2.7	4
34	Pilot Study Comparing Systemic and Tissue Pharmacokinetics of Irinotecan and Metabolites after Hepatic Drug-Eluting Chemoembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 19-22	2.4	4
33	Continued Tumor Reduction of Metastatic Pheochromocytoma/Paraganglioma Harboring Succinate Dehydrogenase Subunit B Mutations with Cyclical Chemotherapy. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 1099-1106	4.6	13

32	Emerging Magnetic Resonance Imaging Technologies for Radiation Therapy Planning and Response Assessment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 1046-1056	4	30
31	Influence of parameter accuracy on pharmacokinetic analysis of hyperpolarized pyruvate. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 3239-3248	4.4	19
30	Parallel imaging compressed sensing for accelerated imaging and improved signal-to-noise ratio in MRI-based postimplant dosimetry of prostate brachytherapy. <i>Brachytherapy</i> , 2018 , 17, 816-824	2.4	8
29	Adult and Pediatric Antibiotic Prophylaxis during Vascular and IR Procedures: A Society of Interventional Radiology Practice Parameter Update Endorsed by the Cardiovascular and Interventional Radiological Society of Europe and the Canadian Association for Interventional Radiology. <i>Journal of Vascular and Interventional Radiology</i> , 2018 , 29, 1483-1501.e2	2.4	55
28	Magnetic resonance imaging-guided functional anatomy approach to prostate brachytherapy. <i>Brachytherapy</i> , 2017 , 16, 698-714	2.4	7
27	Pulse sequence considerations for simulation and postimplant dosimetry of prostate brachytherapy. <i>Brachytherapy</i> , 2017 , 16, 743-753	2.4	10
26	Gastrointestinal Manifestations of STAT3-Deficient Hyper-IgE Syndrome. <i>Journal of Clinical Immunology</i> , 2017 , 37, 695-700	5.7	34
25	Remnant Liver Ischemia as a Prognostic Factor for Cancer-Specific Survival After Resection of Colorectal Liver Metastases. <i>JAMA Surgery</i> , 2017 , 152, e172986	5.4	24
24	Tremelimumab in combination with ablation in patients with advanced hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2017 , 66, 545-551	13.4	407
23	Significance of preoperative radiographic pancreatic density in predicting pancreatic fistula after surgery for pancreatic neuroendocrine tumors. <i>American Journal of Surgery</i> , 2016 , 212, 40-6	2.7	3
22	Prospective evaluation and treatment of familial carcinoid small intestine neuroendocrine tumors (SI-NETs). <i>Surgery</i> , 2016 , 159, 350-6	3.6	13
21	Image fusion and navigation platforms for percutaneous image-guided interventions. <i>Abdominal Radiology</i> , 2016 , 41, 620-8	3	24
20	A Hereditary Form of Small Intestinal Carcinoid Associated With a Germline Mutation in Inositol Polyphosphate Multikinase. <i>Gastroenterology</i> , 2015 , 149, 67-78	13.3	67
19	Magnetic Resonance-Guided Drug Delivery. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2015 , 23, 643-55	1.6	10
18	Opportunities for Research, Education, and Training at the National Institutes of Health. <i>Seminars in Interventional Radiology</i> , 2015 , 32, 329-32	1.6	
17	Clinical and Imaging Follow-up Practices after Transarterial Therapy for Primary and Secondary Hepatic Malignancies: Results of an Online Survey. <i>Academic Radiology</i> , 2015 , 22, 1510-5	4.3	11
16	Navigational Tools for Interventional Radiology and Interventional Oncology Applications. <i>Seminars in Interventional Radiology</i> , 2015 , 32, 416-27	1.6	28
15	High-Intensity Focused Ultrasound: Current Status for Image-Guided Therapy. <i>Seminars in Interventional Radiology</i> , 2015 , 32, 398-415	1.6	62

14	Occupational radiation protection of pregnant or potentially pregnant workers in IR: a joint guideline of the Society of Interventional Radiology and the Cardiovascular and Interventional Radiological Society of Europe. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 171-81	2.4	41
13	Clinical experience with cone-beam CT navigation for tumor ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 214-9	2.4	29
12	Accuracy and efficacy of percutaneous biopsy and ablation using robotic assistance under computed tomography guidance: a phantom study. <i>European Radiology</i> , 2014 , 24, 723-30	8	55
11	Advanced Tools and Devices: Navigation Technologies, Automation, and Robotics in Percutaneous Interventions 2014 , 73-83		2
10	Cone-beam computed tomography fusion and navigation for real-time positron emission tomography-guided biopsies and ablations: a feasibility study. <i>Journal of Vascular and Interventional Radiology</i> , 2012 , 23, 737-43	2.4	32
9	Clinical utility of real-time fusion guidance for biopsy and ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2011 , 22, 515-24	2.4	114
8	Comparison of clinical and imaging features in succinate dehydrogenase-positive versus sporadic paragangliomas. <i>Surgery</i> , 2011 , 150, 1186-93	3.6	13
7	Percutaneous ablation in the kidney. <i>Radiology</i> , 2011 , 261, 375-91	20.5	84
6	Real-time FDG PET guidance during biopsies and radiofrequency ablation using multimodality fusion with electromagnetic navigation. <i>Radiology</i> , 2011 , 260, 848-56	20.5	90
5	Practice guidelines for adult antibiotic prophylaxis during vascular and interventional radiology procedures. Written by the Standards of Practice Committee for the Society of Interventional Radiology and Endorsed by the Cardiovascular Interventional Radiological Society of Europe and Canadian Interventional Radiology Association [corrected]. <i>Journal of Vascular and Interventional Radiology</i> , 2010 , 21, 1631-30; quiz 1631	2.4	306
4	Navigation systems for ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2010 , 21, S257-63	2.4	74
3	Percutaneous ablation of adrenal tumors. <i>Techniques in Vascular and Interventional Radiology</i> , 2010 , 13, 89-99	2.6	40
2	Radiofrequency ablation of metastatic pheochromocytoma. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, 1483-90	2.4	41
1	Rare Fibroid Syndromes 120-133		