Mannudeep K Kalra

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.

135
papers5,606
citations29
h-index73
g-index143
ext. papers7,237
ext. citations6.2
avg, IF5.8
L-index

#	Paper	IF	Citations
135	Strategies for CT radiation dose optimization. <i>Radiology</i> , 2004 , 230, 619-28	20.5	776
134	Low-Dose CT With a Residual Encoder-Decoder Convolutional Neural Network. <i>IEEE Transactions on Medical Imaging</i> , 2017 , 36, 2524-2535	11.7	580
133	Techniques and applications of automatic tube current modulation for CT. <i>Radiology</i> , 2004 , 233, 649-57	20.5	552
132	Low-Dose CT Image Denoising Using a Generative Adversarial Network With Wasserstein Distance and Perceptual Loss. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1348-1357	11.7	546
131	Adaptive statistical iterative reconstruction technique for radiation dose reduction in chest CT: a pilot study. <i>Radiology</i> , 2011 , 259, 565-73	20.5	313
130	CT angiography of pulmonary embolism: diagnostic criteria and causes of misdiagnosis. <i>Radiographics</i> , 2004 , 24, 1219-38	5.4	244
129	3-D Convolutional Encoder-Decoder Network for Low-Dose CT via Transfer Learning From a 2-D Trained Network. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1522-1534	11.7	160
128	Automatic patient centering for MDCT: effect on radiation dose. <i>American Journal of Roentgenology</i> , 2007 , 188, 547-52	5.4	147
127	Radiation dose reduction with Sinogram Affirmed Iterative Reconstruction technique for abdominal computed tomography. <i>Journal of Computer Assisted Tomography</i> , 2012 , 36, 339-46	2.2	137
126	CT radiation dose and iterative reconstruction techniques. <i>American Journal of Roentgenology</i> , 2015 , 204, W384-92	5.4	134
125	Competitive performance of a modularized deep neural network compared to commercial algorithms for low-dose CT image reconstruction. <i>Nature Machine Intelligence</i> , 2019 , 1, 269-276	22.5	131
124	Low-dose CT of the abdomen: evaluation of image improvement with use of noise reduction filters pilot study. <i>Radiology</i> , 2003 , 228, 251-6	20.5	117
123	Radiation dose reduction with hybrid iterative reconstruction for pediatric CT. <i>Radiology</i> , 2012 , 263, 53	7 :46 5	113
122	Detection and characterization of lesions on low-radiation-dose abdominal CT images postprocessed with noise reduction filters. <i>Radiology</i> , 2004 , 232, 791-7	20.5	87
121	Deep learning in chest radiography: Detection of findings and presence of change. <i>PLoS ONE</i> , 2018 , 13, e0204155	3.7	82
120	Image Quality and Lesion Detection on Deep Learning Reconstruction and Iterative Reconstruction of Submillisievert Chest and Abdominal CT. <i>American Journal of Roentgenology</i> , 2020 , 214, 566-573	5.4	69
119	Dual-Energy CT: Spectrum of Thoracic Abnormalities. <i>Radiographics</i> , 2016 , 36, 38-52	5.4	68

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118	CT Radiation: Key Concepts for Gentle and Wise Use. <i>Radiographics</i> , 2015 , 35, 1706-21	5.4	67
117	The 10 Pillars of Lung Cancer Screening: Rationale and Logistics of a Lung Cancer Screening Program. <i>Radiographics</i> , 2015 , 35, 1893-908	5.4	63
116	Standardization and optimization of CT protocols to achieve low dose. <i>Journal of the American College of Radiology</i> , 2014 , 11, 271-278	3.5	61
115	Sinogram-affirmed iterative reconstruction of low-dose chest CT: effect on image quality and radiation dose. <i>American Journal of Roentgenology</i> , 2013 , 201, W235-44	5.4	58
114	In-plane shielding for CT: effect of off-centering, automatic exposure control and shield-to-surface distance. <i>Korean Journal of Radiology</i> , 2009 , 10, 156-63	6.9	53
113	Cardiac computed tomography angiography with automatic tube potential selection: effects on radiation dose and image quality. <i>Journal of Thoracic Imaging</i> , 2013 , 28, 40-8	5.6	42
112	Tube potential and CT radiation dose optimization. American Journal of Roentgenology, 2015, 204, W4-1	103.4	41
111	Dose reduction in pediatric abdominal CT: use of iterative reconstruction techniques across different CT platforms. <i>Pediatric Radiology</i> , 2015 , 45, 1046-55	2.8	40
110	Chest CT practice and protocols for COVID-19 from radiation dose management perspective. <i>European Radiology</i> , 2020 , 30, 6554-6560	8	35
109	Integrative analysis for COVID-19 patient outcome prediction. <i>Medical Image Analysis</i> , 2021 , 67, 101844	15.4	35
109	Integrative analysis for COVID-19 patient outcome prediction. <i>Medical Image Analysis</i> , 2021 , 67, 101844 CT Radiomics, Radiologists, and Clinical Information in Predicting Outcome of Patients with COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200322	8.3	35 31
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108	CT Radiomics, Radiologists, and Clinical Information in Predicting Outcome of Patients with COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200322 CovidCTNet: an open-source deep learning approach to diagnose covid-19 using small cohort of CT	8.3	
108	CT Radiomics, Radiologists, and Clinical Information in Predicting Outcome of Patients with COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200322 CovidCTNet: an open-source deep learning approach to diagnose covid-19 using small cohort of CT images. <i>Npj Digital Medicine</i> , 2021 , 4, 29 Informatics in radiology: Render: an online searchable radiology study repository. <i>Radiographics</i> ,	8.3	31
108 107 106	CT Radiomics, Radiologists, and Clinical Information in Predicting Outcome of Patients with COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200322 CovidCTNet: an open-source deep learning approach to diagnose covid-19 using small cohort of CT images. <i>Npj Digital Medicine</i> , 2021 , 4, 29 Informatics in radiology: Render: an online searchable radiology study repository. <i>Radiographics</i> , 2009 , 29, 1233-46 Advanced CT Techniques for Decreasing Radiation Dose, Reducing Sedation Requirements, and	8.3 15.7 5.4	31 29 28
108 107 106	CT Radiomics, Radiologists, and Clinical Information in Predicting Outcome of Patients with COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200322 CovidCTNet: an open-source deep learning approach to diagnose covid-19 using small cohort of CT images. <i>Npj Digital Medicine</i> , 2021 , 4, 29 Informatics in radiology: Render: an online searchable radiology study repository. <i>Radiographics</i> , 2009 , 29, 1233-46 Advanced CT Techniques for Decreasing Radiation Dose, Reducing Sedation Requirements, and Optimizing Image Quality in Children. <i>Radiographics</i> , 2019 , 39, 709-726 A method of rapid quantification of patient-specific organ doses for CT using deep-learning-based multi-organ segmentation and GPU-accelerated Monte Carlo dose computing. <i>Medical Physics</i> , 2020	8.3 15.7 5.4	31 29 28 25
108 107 106 105	CT Radiomics, Radiologists, and Clinical Information in Predicting Outcome of Patients with COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200322 CovidCTNet: an open-source deep learning approach to diagnose covid-19 using small cohort of CT images. <i>Npj Digital Medicine</i> , 2021 , 4, 29 Informatics in radiology: Render: an online searchable radiology study repository. <i>Radiographics</i> , 2009 , 29, 1233-46 Advanced CT Techniques for Decreasing Radiation Dose, Reducing Sedation Requirements, and Optimizing Image Quality in Children. <i>Radiographics</i> , 2019 , 39, 709-726 A method of rapid quantification of patient-specific organ doses for CT using deep-learning-based multi-organ segmentation and GPU-accelerated Monte Carlo dose computing. <i>Medical Physics</i> , 2020 , 47, 2526-2536 Shape and margin-aware lung nodule classification in low-dose CT images via soft activation	8.3 15.7 5.4 4.4	31 29 28 25 25

100	CT texture analysis of histologically proven benign and malignant lung lesions. <i>Medicine (United States)</i> , 2018 , 97, e11172	1.8	24
99	Deep learning-enabled system for rapid pneumothorax screening on chest CT. <i>European Journal of Radiology</i> , 2019 , 120, 108692	4.7	20
98	Validation of a Deep Learning Algorithm for the Detection of Malignant Pulmonary Nodules in Chest Radiographs. <i>JAMA Network Open</i> , 2020 , 3, e2017135	10.4	20
97	Variations in CT Utilization, Protocols, and Radiation Doses in COVID-19 Pneumonia: Results from 28 Countries in the IAEA Study. <i>Radiology</i> , 2021 , 298, E141-E151	20.5	20
96	Multislice CT: update on radiation and screening. European Radiology, 2003, 13 Suppl 5, M129-33	8	19
95	Dose reduction for chest CT: comparison of two iterative reconstruction techniques. <i>Acta Radiologica</i> , 2015 , 56, 688-95	2	17
94	Size-specific dose estimates: Localizer or transverse abdominal computed tomography images?. <i>World Journal of Radiology</i> , 2014 , 6, 210-7	2.9	17
93	Iterative image reconstruction and its role in cardiothoracic computed tomography. <i>Journal of Thoracic Imaging</i> , 2013 , 28, 355-67	5.6	17
92	Current status and future directions in technical developments of cardiac computed tomography. Journal of Cardiovascular Computed Tomography, 2008 , 2, 71-80	2.8	17
91	Entrance skin dosimetry and size-specific dose estimate from pediatric chest CTA. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 97-107	2.8	15
90	Artificial intelligence in image reconstruction: The change is here. <i>Physica Medica</i> , 2020 , 79, 113-125	2.7	15
89	Computed Tomography Radiomics Can Predict Disease Severity and Outcome in Coronavirus Disease 2019 Pneumonia. <i>Journal of Computer Assisted Tomography</i> , 2020 , 44, 640-646	2.2	14
88	Semiautomatic Segmentation and Radiomics for Dual-Energy CT: A Pilot Study to Differentiate Benign and Malignant Hepatic Lesions. <i>American Journal of Roentgenology</i> , 2020 , 215, 398-405	5.4	13
87	Severity and Consolidation Quantification of COVID-19 From CT Images Using Deep Learning Based on Hybrid Weak Labels. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 3529-3538	7.2	13
86	Deep metric learning-based image retrieval system for chest radiograph and its clinical applications in COVID-19. <i>Medical Image Analysis</i> , 2021 , 70, 101993	15.4	13
85	Artificial intelligence matches subjective severity assessment of pneumonia for prediction of patient outcome and need for mechanical ventilation: a cohort study. <i>Scientific Reports</i> , 2021 , 11, 858	4.9	13
84	Reducing Radiation Dose and Contrast Medium Volume With Application of Dual-Energy CT in Children and Young Adults. <i>American Journal of Roentgenology</i> , 2020 , 214, 1199-1205	5.4	12
83	Imaging cardiac tumors. Cancer Treatment and Research, 2008, 143, 177-96	3.5	12

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82	A new technique to characterize CT scanner bow-tie filter attenuation and applications in human cadaver dosimetry simulations. <i>Medical Physics</i> , 2015 , 42, 6274-82	4.4	11
81	Development and validation of image quality scoring criteria (IQSC) for pediatric CT: a preliminary study. <i>Insights Into Imaging</i> , 2019 , 10, 95	5.6	11
80	Deep learning predicts cardiovascular disease risks from lung cancer screening low dose computed tomography. <i>Nature Communications</i> , 2021 , 12, 2963	17.4	11
79	Knowledge-Based Analysis for Mortality Prediction From CT Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 457-464	7.2	11
78	Assessment of chest CT at CTDI less than 1 mGy with iterative reconstruction techniques. <i>British Journal of Radiology</i> , 2017 , 90, 20160625	3.4	10
77	Hybrid Imaging System for Simultaneous Spiral MR and X-ray (MRX) Scans. <i>IEEE Access</i> , 2017 , 5, 1050-10	16 315	10
76	Recent advances in cardiac computed tomography dose reduction strategies: a review of scientific evidence and technical developments. <i>Journal of Medical Imaging</i> , 2017 , 4, 031211	2.6	10
75	Pointers for optimizing radiation dose in chest CT protocols. <i>Journal of the American College of Radiology</i> , 2011 , 8, 663-5	3.5	10
74	CT of the urinary tract: turning attention to radiation dose. <i>Radiologic Clinics of North America</i> , 2008 , 46, 1-9, v	2.3	10
73	Association of AI quantified COVID-19 chest CT and patient outcome. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 16, 435-445	3.9	10
72	Quantitative lobar pulmonary perfusion assessment on dual-energy CT pulmonary angiography: applications in pulmonary embolism. <i>European Radiology</i> , 2020 , 30, 2535-2542	8	9
71	In vitro dose measurements in a human cadaver with abdomen/pelvis CT scans. <i>Medical Physics</i> , 2014 , 41, 091911	4.4	9
70	Assessment of sub-milli-sievert abdominal computed tomography with iterative reconstruction techniques of different vendors. <i>World Journal of Radiology</i> , 2016 , 8, 618-27	2.9	9
69	A multi-center study of COVID-19 patient prognosis using deep learning-based CT image analysis and electronic health records. <i>European Journal of Radiology</i> , 2021 , 139, 109583	4.7	9
68	Radiation Dose for Multiregion CT Protocols: Challenges and Limitations. <i>American Journal of Roentgenology</i> , 2019 , 213, 1100-1106	5.4	8
67	Understanding the bias in machine learning systems for cardiovascular disease risk assessment: The first of its kind review <i>Computers in Biology and Medicine</i> , 2022 , 142, 105204	7	8
66	Multifactorial Analysis of Mortality in Screening Detected Lung Cancer. <i>Journal of Oncology</i> , 2018 , 2018, 1296246	4.5	8
65	Case 30-2019: A 65-Year-Old Woman with Lung Cancer and Chest Pain. <i>New England Journal of Medicine</i> , 2019 , 381, 1268-1277	59.2	7

64	CT protocols and radiation doses for hematuria and urinary stones: Comparing practices in 20 countries. <i>European Journal of Radiology</i> , 2020 , 126, 108923	4.7	7	
63	Contrast Administration in CT: A Patient-Centric Approach. <i>Journal of the American College of Radiology</i> , 2019 , 16, 295-301	3.5	7	
62	Pointers for optimizing radiation dose in abdominal CT protocols. <i>Journal of the American College of Radiology</i> , 2011 , 8, 731-4	3.5	7	
61	Clinical and imaging features predict mortality in COVID-19 infection in Iran. <i>PLoS ONE</i> , 2020 , 15, e0239	9531 9	7	
60	Quantifying and leveraging predictive uncertainty for medical image assessment. <i>Medical Image Analysis</i> , 2021 , 68, 101855	15.4	7	
59	Deploying Clinical Process Improvement Strategies to Reduce Motion Artifacts and Expiratory Phase Scanning in Chest CT. <i>Scientific Reports</i> , 2019 , 9, 11858	4.9	6	
58	Accuracy of radiomics for differentiating diffuse liver diseases on non-contrast CT. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 1727-1736	3.9	6	
57	Can fully iterative reconstruction technique enable routine abdominal CT at less than 1 mSv?. <i>European Journal of Radiology Open</i> , 2019 , 6, 225-230	2.6	6	
56	Bias Investigation in Artificial Intelligence Systems for Early Detection of Parkinson's Disease: A Narrative Review <i>Diagnostics</i> , 2022 , 12,	3.8	6	
55	Inter-Variability Study of COVLIAS 1.0: Hybrid Deep Learning Models for COVID-19 Lung Segmentation in Computed Tomography. <i>Diagnostics</i> , 2021 , 11,	3.8	6	
54	Radiation dose monitoring in computed tomography: Status, options and limitations. <i>Physica Medica</i> , 2020 , 79, 1-15	2.7	6	
53	AI-based improvement in lung cancer detection on chest radiographs: results of a multi-reader study in NLST dataset. <i>European Radiology</i> , 2021 , 31, 9664-9674	8	6	
52	Can Dual-Energy Computed Tomography Quantitative Analysis and Radiomics Differentiate Normal Liver From Hepatic Steatosis and Cirrhosis?. <i>Journal of Computer Assisted Tomography</i> , 2020 , 44, 223-22	.9 ^{2.2}	5	
51	Reliability of body size measurements obtained at autopsy: impact on the pathologic assessment of the heart. <i>Forensic Science, Medicine, and Pathology,</i> 2016 , 12, 139-45	1.5	5	
50	Quantification of interstitial fluid on whole body CT: comparison with whole body autopsy. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 488-96	1.5	5	
49	Accurate model-based high resolution cardiac image reconstruction in dual source CT 2009,		5	
48	Upper-Bound on Dose Reduction in CT Reconstruction for Nodule Detection. <i>IEEE Access</i> , 2016 , 4, 4247	-4,253	4	
47	Comparison of Measured and Estimated CT Organ Doses for Modulated and Fixed Tube Current:: A Human Cadaver Study. <i>Academic Radiology</i> , 2016 , 23, 634-42	4.3	4	

46	Submillisievert chest dual energy computed tomography: a pilot study. <i>British Journal of Radiology</i> , 2018 , 91, 20170735	3.4	4
45	A variational approach for reconstructing low dose images in clinical helical CT 2010 ,		4
44	Artificial intelligence-based vessel suppression for detection of sub-solid nodules in lung cancer screening computed tomography. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 1134-1143	3.6	4
43	Multicenter Assessment of CT Pneumonia Analysis Prototype for Predicting Disease Severity and Patient Outcome. <i>Journal of Digital Imaging</i> , 2021 , 34, 320-329	5.3	4
42	COVLIAS 1.0 vs. MedSeg: Artificial Intelligence-Based Comparative Study for Automated COVID-19 Computed Tomography Lung Segmentation in Italian and Croatian Cohorts <i>Diagnostics</i> , 2021 , 11,	3.8	4
41	Point Organ Radiation Dose in Abdominal CT: Effect of Patient Off-Centering in an Experimental Human Cadaver Study. <i>Radiation Protection Dosimetry</i> , 2017 , 175, 440-449	0.9	3
40	Low-Dose Computed Tomography for Lung Cancer Screening: The Protocol and The Dose. <i>Seminars in Roentgenology</i> , 2017 , 52, 132-136	0.8	3
39	Multiphase abdomen-pelvis CT in women of childbearing potential (WOCBP): Justification and radiation dose. <i>Medicine (United States)</i> , 2020 , 99, e18485	1.8	3
38	Allergic-like contrast reactions in the ED: Incidence, management, and impact on patient disposition. <i>American Journal of Emergency Medicine</i> , 2018 , 36, 825-828	2.9	3
37	Radiomic features of primary tumor by lung cancer stage: analysis in mutated non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2020 , 9, 1441-1451	4.4	3
36	Prediction of burden and management of renal calculi from whole kidney radiomics: a multicenter study. <i>Abdominal Radiology</i> , 2021 , 46, 2097-2106	3	3
35	Implications of iodinated contrast media extravasation in the emergency department. <i>American Journal of Emergency Medicine</i> , 2018 , 36, 294-296	2.9	3
34	Correction for BD Convolutional Encoder-Decoder Network for Low-Dose CT via Transfer Learning From a 2D Trained Network[Jun 18 1522-1534]. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 2750-27	7 56 7	3
33	Bedside Chest Radiographs in the Intensive care Setting: Wireless Direct Radiography Compared to Computed Radiography. <i>Current Problems in Diagnostic Radiology</i> , 2018 , 47, 397-403	1.6	2
32	Cause determination of missed lung nodules and impact of reader training and education: Simulation study with nodule insertion software. <i>Journal of Cancer Research and Therapeutics</i> , 2020 , 16, 780-787	1.2	2
31	A mixed reality approach for stereo-tomographic quantification of lung nodules. <i>Journal of X-Ray Science and Technology</i> , 2016 , 24, 615-25	2.1	2
30	Low contrast volume dual-energy CT of the chest: Quantitative and qualitative assessment. <i>Clinical Imaging</i> , 2021 , 69, 305-310	2.7	2
29	Process improvement for reducing side discrepancies in radiology reports. <i>Acta Radiologica Open</i> , 2018 , 7, 2058460118794727	1.2	2

28	Comparison of deep learning, radiomics and subjective assessment of chest CT findings in SARS-CoV-2 pneumonia. <i>Clinical Imaging</i> , 2021 , 80, 58-66	2.7	2
27	Current status of multidetector computed tomography urography in imaging of the urinary tract. <i>Current Problems in Diagnostic Radiology</i> , 2002 , 31, 210-21	1.6	2
26	Four Types of Multiclass Frameworks for Pneumonia Classification and Its Validation in X-ray Scans Using Seven Types of Deep Learning Artificial Intelligence Models <i>Diagnostics</i> , 2022 , 12,	3.8	2
25	Cardiovascular disease detection using machine learning and carotid/femoral arterial imaging frameworks in rheumatoid arthritis patients <i>Rheumatology International</i> , 2022 , 42, 215	3.6	1
24	Evaluation of GPU-Based CT Reconstruction for Morbidly Obese Patients 2017 , 4,		1
23	Complex Relationship Between Artificial Intelligence and CT Radiation Dose. <i>Academic Radiology</i> , 2021 ,	4.3	1
22	Accuracy of radiomics for differentiating diffuse liver diseases on non-contrast CT 2020 , 15, 1727		1
21	Relation between age and CT radiation doses: Dose trends in 705 pediatric head CT. <i>European Journal of Radiology</i> , 2020 , 130, 109138	4.7	1
20	Quantitative Chest CT in COPD: Can Deep Learning Enable the Transition?. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e210044	8.3	1
19	Investigating centering, scan length, and arm position impact on radiation dose across 4 countries from 4 continents during pandemic: Mitigating key radioprotection issues. <i>Physica Medica</i> , 2021 , 84, 12	5 ² 131	1
18	Deep Interactive Denoiser (DID) for X-Ray Computed Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 2965-2975	11.7	1
17	Use of radiomics to differentiate left atrial appendage thrombi and mixing artifacts on single-phase CT angiography. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 2071-2078	2.5	1
16	Radiation Dose Reduction in Kidney Stone CT: A Randomized, Facility-Based Intervention. <i>Journal of the American College of Radiology</i> , 2021 , 18, 1394-1404	3.5	1
15	National reference levels of CT procedures dedicated for treatment planning in radiation oncology <i>Physica Medica</i> , 2022 , 96, 123-129	2.7	1
14	Accurate auto-labeling of chest X-ray images based on quantitative similarity to an explainable AI model <i>Nature Communications</i> , 2022 , 13, 1867	17.4	1
13	Predictive values of AI-based triage model in suboptimal CT pulmonary angiography <i>Clinical Imaging</i> , 2022 , 86, 25-30	2.7	1
12	Five Strategies for Bias Estimation in Artificial Intelligence-based Hybrid Deep Learning for Acute Respiratory Distress Syndrome COVID-19 Lung Infected Patients using AP(ai)Bias 2.0: A Systematic Review. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2	1
11	Potentials of the Potential: The "Lower, Slower, and Brighter" Mantra. <i>Journal of the American College of Radiology</i> , 2018 , 15, 998-999	3.5	

LIST OF PUBLICATIONS

10	ultra-low-dose multi-detector row CT as a substitute for abdominal radiographs (N. Buls, K. Nieboer, J. de Mey). <i>Emergency Radiology</i> , 2010 , 17, 167-168	3
9	Radiation Dose Considerations in Cardiac CT31-42	
8	Protocols for Multislice Helical Computed Tomography: The Fundamentals. <i>American Journal of Roentgenology</i> , 2006 , 187, W560-W560	5.4
7	Cardiovascular MRI: Physical Principles to Practical Protocols. <i>American Journal of Roentgenology</i> , 2006 , 187, W443-W443	5.4
6	Optimization of paranasal sinus CT procedure: Ultra-low dose CT as a roadmap for pre-functional endoscopic sinus surgery. <i>Physica Medica</i> , 2020 , 78, 195-200	2.7
5	Reply to "Quality Control of Radiomics Study to Differentiate Benign and Malignant Hepatic Lesions". <i>American Journal of Roentgenology</i> , 2021 , 216, W13	5.4
4	PRACTICAL CHALLENGES WITH IMAGING COVID-19 IN BRAZIL: MITIGATION IN AND BEYOND THE PANDEMIC. <i>Radiation Protection Dosimetry</i> , 2021 , 195, 92-98	0.9
3	Viewing Imaging Studies: How Patient Location and Imaging Site Affect Referring Physicians. Journal of Digital Imaging, 2020 , 33, 334-340	5.3
2	Cardiovascular Disease Risk Improves COVID-19 Patient Outcome Prediction. <i>Lecture Notes in Computer Science</i> , 2021 , 467-476	0.9
1	Practical issues in abdominal PET/CT8-18	