Tessa S Cook

List of Publications by Year
in descending order

96 papers	2,047 citations	304602 22 h-index	276775 41 g-index
96 all docs	96 docs citations	96 times ranked	2472 citing authors

#	Article	IF	Citations
1	Immediate Radiology Report Release to Patients: Counterpoint—Could We Be Doing More Harm Than Good?. American Journal of Roentgenology, 2022, 219, 557-558.	1.0	2
2	Economic impact of selective use of contrast for routine follow-up MRI of patients with multiple sclerosis. Journal of Neuroimaging, 2022, 32, 656-666.	1.0	3
3	Development and Implementation of a Multisite Registry Using Structured Templates for Actionable Findings in the Kidney. Journal of the American College of Radiology, 2022, 19, 637-646.	0.9	2
4	Support From Within: Coaching to Enhance Radiologist Well-Being and Practice. Academic Radiology, 2022, 29, 1255-1258.	1.3	6
5	Informatics Solutions to Mitigate Legal Risk Associated With Communication Failures. Journal of the American College of Radiology, 2022, 19, 823-828.	0.9	2
6	Musculoskeletal Outside Interpretation (MOI-RADS): an automated quality assurance tool to prospectively track discrepancies in second-opinion interpretations in musculoskeletal imaging. Skeletal Radiology, 2021, 50, 723-730.	1.2	1
7	Automatic Fully-Contextualized Recommendation Extraction from Radiology Reports. Journal of Digital Imaging, 2021, 34, 374-384.	1.6	9
8	Enterprise imaging and big data: A review from a medical physics perspective. Physica Medica, 2021, 83, 206-220.	0.4	6
9	Am I Ready to Be an Independent Neuroradiologist? Objective Trends in Neuroradiology Fellows' Performance during the Fellowship Year. American Journal of Neuroradiology, 2021, 42, 815-823.	1.2	3
10	Patient Understanding of Abnormal Imaging Findings Under Pennsylvania Act 112: A Call to Revise Mandated Notification Message Language. Journal of the American College of Radiology, 2021, 18, 951-961.	0.9	6
11	The Role of Imaging Informatics in Disaster Preparedness During the COVID-19 Pandemic. Journal of Digital Imaging, 2021, 34, 330-336.	1.6	4
12	Why Is the Electronic Health Record So Challenging for Research and Clinical Care?. Methods of Information in Medicine, 2021, 60, 032-048.	0.7	13
13	Brain MRI Deep Learning and Bayesian Inference System Augments Radiology Resident Performance. Journal of Digital Imaging, 2021, 34, 1049-1058.	1.6	3
14	Impact of PTRIA (Patient Test Result Information Act) on patient follow up management. Clinical Imaging, 2021, 79, 20-23.	0.8	3
15	Rethinking Patient Consent in the Era of Artificial Intelligence and Big Data. Journal of the American College of Radiology, 2021, 18, 180-184.	0.9	23
16	Characteristics of the Superficial Circumflex Iliac Artery Perforator Flap in a Western Population and a Practice Approach for Free Flap Reconstruction. Journal of Reconstructive Microsurgery, 2021, 37, 486-491.	1.0	8
17	Basic Artificial Intelligence Techniques. Radiologic Clinics of North America, 2021, 59, 919-931.	0.9	9
18	Racial Disparities in 30-Day Outcomes Following Index Admission for COVID-19. Frontiers in Medicine, 2021, 8, 750650.	1.2	2

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19	Editorial Comment: Real-World Imaging Artificial Intelligence Considerations for COVID-19 and Beyond. American Journal of Roentgenology, 2021, , .	1.0	0
20	Ensuring Patient Follow-up of Significant Abnormalities Under Pennsylvania Act 112. Journal of the American College of Radiology, 2020, 17, 268-271.	0.9	8
21	Automated Detection of Radiology Reports that Require Follow-up Imaging Using Natural Language Processing Feature Engineering and Machine Learning Classification. Journal of Digital Imaging, 2020, 33, 131-136.	1.6	35
22	Automating Import and Reconciliation of Outside Examinations Submitted to an Academic Radiology Department. Journal of Digital Imaging, 2020, 33, 355-360.	1.6	2
23	The Importance of Imaging Informatics and Informaticists in the Implementation of AI. Academic Radiology, 2020, 27, 113-116.	1.3	20
24	The voice of the radiologist: Enabling patients to speak directly to radiologists. Clinical Imaging, 2020, 61, 84-89.	0.8	5
25	Artificial Intelligence in Radiology—The State of the Future. Academic Radiology, 2020, 27, 1-2.	1.3	9
26	Subspecialty-Level Deep Gray Matter Differential Diagnoses with Deep Learning and Bayesian Networks on Clinical Brain MRI: A Pilot Study. Radiology: Artificial Intelligence, 2020, 2, e190146.	3.0	20
27	The Role of Imaging in the Management of Suspected or Known COVID-19 Pneumonia: A Multidisciplinary Perspective. Annals of the American Thoracic Society, 2020, , .	1.5	1
28	Preliminary Radiology Report Discordances and Patient Outcomes. Journal of the American College of Radiology, 2020, 17, 1621-1625.	0.9	3
29	Evaluation of Automated Public De-Identification Tools on a Corpus of Radiology Reports. Radiology: Artificial Intelligence, 2020, 2, e190137.	3.0	9
30	Patient-centered Radiology. Journal of Thoracic Imaging, 2020, 35, 79-84.	0.8	2
31	Artificial Intelligence System Approaching Neuroradiologist-level Differential Diagnosis Accuracy at Brain MRI. Radiology, 2020, 295, 626-637.	3.6	77
32	Early Impact of Pennsylvania Act 112 on Follow-up of Abnormal Imaging Findings. Journal of the American College of Radiology, 2020, 17, 1676-1683.	0.9	11
33	Artificial Intelligence and the Trainee Experience in Radiology. Journal of the American College of Radiology, 2020, 17, 1388-1393.	0.9	19
34	Use of an Online Crowdsourcing Platform to Assess Patient Comprehension of Radiology Reports and Colloquialisms. American Journal of Roentgenology, 2020, 214, 1316-1320.	1.0	9
35	Automated Segmentation of Tissues Using CT and MRI: A Systematic Review. Academic Radiology, 2019, 26, 1695-1706.	1.3	82
36	Artificial intelligence for precision education in radiology. British Journal of Radiology, 2019, 92, 20190389.	1.0	79

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37	Toward Complete Structured Information Extraction from Radiology Reports Using Machine Learning. Journal of Digital Imaging, 2019, 32, 554-564.	1.6	35
38	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. Journal of the American College of Radiology, 2019, 16, 1516-1521.	0.9	48
39	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. Canadian Association of Radiologists Journal, 2019, 70, 329-334.	1.1	81
40	Automated Organ-Level Classification of Free-Text Pathology Reports to Support a Radiology Follow-up Tracking Engine. Radiology: Artificial Intelligence, 2019, 1, e180052.	3.0	8
41	Quality and Data Science. Journal of the American College of Radiology, 2019, 16, 1237-1238.	0.9	0
42	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. Radiology, 2019, 293, 436-440.	3.6	203
43	Human versus machine in medicine: can scientific literature answer the question?. The Lancet Digital Health, 2019, 1, e246-e247.	5.9	14
44	Readability of radiology reports: implications for patient-centered care. Clinical Imaging, 2019, 54, 116-120.	0.8	33
45	Location, Location, Location: The Association Between Imaging Setting and Follow-Up of Findings of Indeterminate Malignant Potential. Journal of the American College of Radiology, 2019, 16, 781-787.	0.9	12
46	An Initiative to Reduce Unnecessary Gadolinium-Based Contrast in Multiple Sclerosis Patients. Journal of the American College of Radiology, 2019, 16, 1158-1164.	0.9	14
47	A Roadmap for Foundational Research on Artificial Intelligence in Medical Imaging: From the 2018 NIH/RSNA/ACR/The Academy Workshop. Radiology, 2019, 291, 781-791.	3.6	241
48	Augmenting the National Institutes of Health Chest Radiograph Dataset with Expert Annotations of Possible Pneumonia. Radiology: Artificial Intelligence, 2019, 1, e180041.	3.0	141
49	Patient Factor Disparities in Imaging Follow-Up Rates After Incidental Abdominal Findings. American Journal of Roentgenology, 2019, 212, 589-595.	1.0	25
50	Ethics of artificial intelligence in radiology: summary of the joint European and North American multisociety statement. Insights Into Imaging, 2019, 10, 101.	1.6	61
51	National Survey of Hospitalistsâ€™ Experiences with Incidental Pulmonary Nodules. Journal of Hospital Medicine, 2019, 14, 353-356.	0.7	6
52	Large datasets, logistics, sharing and workflow in screening. British Journal of Radiology, 2018, 91, 20170751.	1.0	0
53	Geographic Patterns of Radiology ReferralsÂin the United States: AÂDescriptive Network Analysis. Journal of the American College of Radiology, 2018, 15, 827-833.	0.9	0
54	Time to Talk: Can Radiologists Improve Follow-Up of Abdominal Imaging Findings Indeterminate for Malignancy by Initiating Verbal Communication?. Journal of the American College of Radiology, 2018, 15, 1627-1632.	0.9	10

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55	Outcome of liver lesions indeterminate for malignancy on ultrasound: the role of patient age, risk status, and lesion echogenicity. Abdominal Radiology, 2018, 43, 2970-2979.	1.0	1
56	Integrating Natural Language Processing and Machine Learning Algorithms to Categorize Oncologic Response in Radiology Reports. Journal of Digital Imaging, 2018, 31, 178-184.	1.6	72
57	Establishing and Running a Three-dimensional and Advanced Imaging Laboratory. Radiographics, 2018, 38, 1799-1809.	1.4	8
58	Engaging Patients: Models for Patient- and Family-centered Care in Radiology. Radiographics, 2018, 38, 1866-1871.	1.4	6
59	Bayesian network interface for assisting radiology interpretation and education. , 2018, , .		1
60	Out of the Darkness and Into the Light: Patients, Referring Physicians, and Radiologists Working Toward Patient- and Family-Centered Care in Radiology. Journal of the American College of Radiology, 2017, 14, 569-572.	0.9	8
61	Attending Radiologist Variability and Its Effect on Radiology Resident Discrepancy Rates. Academic Radiology, 2017, 24, 694-699.	1.3	9
62	Referring Provider Perceptions of Standardized Reporting for Possible Abdominal Cancer. Journal of the American College of Radiology, 2017, 14, 654-658.e3.	0.9	1
63	Implementation of an Automated Radiology Recommendation-Tracking Engine for Abdominal Imaging Findings of Possible Cancer. Journal of the American College of Radiology, 2017, 14, 629-636.	0.9	23
64	Gender and Radiology Publication Productivity: An Examination of Academic Faculty From Four Health Systems in theÂUnited States. Journal of the American College of Radiology, 2017, 14, 1100-1108.	0.9	15
65	Improving Abnormality Detection on Chest Radiography Using Game-Like Reinforcement Mechanics. Academic Radiology, 2017, 24, 1428-1435.	1.3	22
66	Patients' Use and Evaluation of an Online System to Annotate Radiology Reports with Lay Language Definitions. Academic Radiology, 2017, 24, 1169-1174.	1.3	37
67	Now You See It, But Would You Later? Examining the Mechanisms of Satisfaction of Search in the Fatigued Radiologist. Academic Radiology, 2017, 24, 1055-1057.	1.3	3
68	Expanding the Scope of an Automated Radiology Recommendation-Tracking Engine: Initial Experiences and Lessons Learned. Journal of Digital Imaging, 2017, 30, 156-162.	1.6	1
69	An Asynchronous Online Collaboration Between Radiologists and Patients: Harnessing the Power of Informatics to Design the Ideal Patient Portal. Journal of the American College of Radiology, 2016, 13, 1599-1602.	0.9	6
70	Toward Data-Driven Radiology Educationâ€"Early Experience Building Multi-Institutional Academic Trainee Interpretation Log Database (MATILDA). Journal of Digital Imaging, 2016, 29, 638-644.	1.6	6
71	Initial Effectiveness of a Monitoring System to Correctly Identify Inappropriate Lack ofÂFollow-Up for Abdominal Imaging Findings of Possible Cancer. Journal of the American College of Radiology, 2016, 13, 1505-1508.e2.	0.9	5
72	The Impact of Imaging Informatics Fellowships. Journal of Digital Imaging, 2016, 29, 438-442.	1.6	9

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73	PORTER: a Prototype System for Patient-Oriented Radiology Reporting. Journal of Digital Imaging, 2016, 29, 450-454.	1.6	54
74	Why Isn't There More High-fidelity Simulation Training in Diagnostic Radiology? Results of a Survey of Academic Radiologists. Academic Radiology, 2016, 23, 870-876.	1.3	10
75	App Review Series: RadioGraphics. Journal of Digital Imaging, 2016, 29, 279-283.	1.6	1
76	The impact of gender on cardiovascular system calcification in very elderly patients with severe aortic stenosis. International Journal of Cardiovascular Imaging, 2016, 32, 173-179.	0.7	20
77	Milestones on a Shoestring. Academic Radiology, 2015, 22, 1287-1293.	1.3	16
78	Comparison of diagnostic accuracy of plain film radiographs between original film and smartphone capture: a pilot study. Journal of Digital Imaging, 2015, 28, 646-653.	1.6	8
79	Cardiac CT Angiography in the Emergency Department. American Journal of Roentgenology, 2015, 204, 463-474.	1.0	27
80	Analysis of Statistical Biases in Studies Used to Formulate Guidelines. Academic Radiology, 2015, 22, 1010-1015.	1.3	2
81	Code Abdomen: An Assessment Coding Scheme for Abdominal Imaging Findings Possibly Representing Cancer. Journal of the American College of Radiology, 2015, 12, 947-950.	0.9	22
82	Capricornâ€"A Web-Based Automatic Case Log and Volume Analytics for Diagnostic Radiology Residents. Academic Radiology, 2015, 22, 1242-1251.	1.3	10
83	Business Intelligence for the Radiologist: Making Your Data Work for You. Journal of the American College of Radiology, 2014, 11, 1238-1240.	0.9	25
84	Assessment of Follow-up Completeness and Notification Preferences for Imaging Findings of Possible Cancer. Academic Radiology, 2014, 21, 1579-1586.	1.3	31
85	Using the Microsoft Kinect for Patient Size Estimation and Radiation Dose Normalization: Proof of Concept and Initial Validation. Journal of Digital Imaging, 2013, 26, 657-662.	1.6	15
86	An Interactive RADIANCE Toolkit for Customizable CT Dose Monitoring and Reporting. Journal of Digital Imaging, 2013, 26, 663-667.	1.6	5
87	Perspectives on radiation dose in abdominal imaging. Abdominal Imaging, 2013, 38, 1190-1196.	2.0	7
88	Coronary and Cardiac Computed Tomography in the Emergency Room. Journal of Thoracic Imaging, 2013, 28, 204-216.	0.8	10
89	An Algorithm for Intelligent Sorting of CT-Related Dose Parameters. Journal of Digital Imaging, 2012, 25, 179-188.	1.6	4
90	Pulmonary Kinematics From Image Data. Academic Radiology, 2011, 18, 402-417.	1.3	15

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91	Normal and Variant Anatomy of the Shoulder on MRI. Magnetic Resonance Imaging Clinics of North America, 2011, 19, 581-594.	0.6	19
92	Informatics in Radiology: RADIANCE: An Automated, Enterprise-wide Solution for Archiving and Reporting CT Radiation Dose Estimates. Radiographics, 2011, 31, 1833-1846.	1.4	52
93	Automated Extraction of Radiation Dose Information for CT Examinations. Journal of the American College of Radiology, 2010, 7, 871-877.	0.9	33
94	Suboptimal bolus timing in CT angiography of the extremities. , 0, , 269-271.		0
95	Persistent sciatic artery. , 0, , 275-277.		0
96	Vein graft aneurysms after CABG. , 0, , 127-128.		0