

Joel G Fletcher

List of Publications by Year in descending order

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Version: 2024-02-01

243
papers

14,853
citations

18887

64
h-index

24511

114
g-index

244
all docs

244
docs citations

244
times ranked

10042
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Performance in Low- and High-Contrast Tasks of an Image-Based Denoising Algorithm Applied to Radiation Dose-Reduced Multiphase Abdominal CT Examinations. <i>American Journal of Roentgenology</i> , 2023, 220, 73-85.	1.0	4
2	Improved visualization of the wrist at lower radiation dose with photon-counting-detector CT. <i>Skeletal Radiology</i> , 2023, 52, 23-29.	1.2	26
3	International consensus to standardise histopathological scoring for small bowel strictures in Crohn's disease. <i>Gut</i> , 2022, 71, 479-486.	6.1	29
4	Clinical evaluation of a phantom-based deep convolutional neural network for whole-body-low-dose and ultra-low-dose CT skeletal surveys. <i>Skeletal Radiology</i> , 2022, 51, 145-151.	1.2	11
5	Biomarkers for the Prediction and Diagnosis of Fibrostenosing Crohn's Disease: A Systematic Review. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, 817-846.e10.	2.4	25
6	Dual-Contrast Biphasic Liver Imaging With Iodine and Gadolinium Using Photon-Counting Detector Computed Tomography. <i>Investigative Radiology</i> , 2022, 57, 122-129.	3.5	25
7	Impact of dual-energy 50-keV virtual monoenergetic images on radiologist confidence in detection of key imaging findings of small hepatocellular carcinomas using multiphase liver CT. <i>Acta Radiologica</i> , 2022, 63, 1443-1452.	0.5	8
8	Deep learning model observer for a low-contrast hepatic metastases localization task in computed tomography. <i>Medical Physics</i> , 2022, 49, 70-83.	1.6	7
9	Simultaneous dual-contrast imaging using energy-integrating detector multi-energy CT: An in vivo feasibility study. <i>Medical Physics</i> , 2022, 49, 1458-1467.	1.6	3
10	Predicting Risk of Surgery in Patients With Small Bowel Crohn's Disease Strictures Using Computed Tomography and Magnetic Resonance Enterography. <i>Inflammatory Bowel Diseases</i> , 2022, , .	0.9	2
11	Using MR Enterography and CT Enterography for Routine Crohn's Surveillance: How We Do It Now, and How We Hope to Do it in the Future. <i>Korean Journal of Radiology</i> , 2022, 23, 1.	1.5	4
12	First Clinical Photon-counting Detector CT System: Technical Evaluation. <i>Radiology</i> , 2022, 303, 130-138.	3.6	201
13	A New Frontier in Temporal Bone Imaging: Photon-Counting Detector CT Demonstrates Superior Visualization of Critical Anatomic Structures at Reduced Radiation Dose. <i>American Journal of Neuroradiology</i> , 2022, 43, 579-584.	1.2	43
14	Defining normal pouch function in patients with ileal pouch-anal anastomosis: a pilot study. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 55, 1560-1568.	1.9	12
15	Individualized and generalized learner models for predicting missed hepatic metastases. , 2022, , .		4
16	Inadequate Rectal Pressure and Insufficient Relaxation and Abdominopelvic Coordination in Defecatory Disorders. <i>Gastroenterology</i> , 2022, 162, 1111-1122.e2.	0.6	13
17	Impact of improved spatial resolution on radiomic features using photon-counting-detector CT. , 2022, , .		4
18	A 25-reader performance study for hepatic metastasis detection: lessons from unsupervised learning. , 2022, , .		1

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19	Utility of an automatic adaptive iterative metal artifact reduction AiMAR algorithm in improving CT imaging of patients with hip prostheses evaluated for suspected bladder malignancy. <i>Abdominal Radiology</i> , 2022, 47, 2158-2167.	1.0	3
20	Editorial: what is normal function of a pelvic pouch? Authors' reply. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 55, 1454-1455.	1.9	0
21	Estimating the Clinical Impact of Photon-Counting-Detector CT in Diagnosing Usual Interstitial Pneumonia. <i>Investigative Radiology</i> , 2022, 57, 734-741.	3.5	34
22	Clinical evaluation of a new adaptive iterative metal artifact reduction method in whole-body low-dose CT skeletal survey examinations. <i>Skeletal Radiology</i> , 2021, 50, 149-157.	1.2	2
23	Benefits of iterative metal artifact reduction and dual-energy CT towards mitigating artifact in the setting of total shoulder prostheses. <i>Skeletal Radiology</i> , 2021, 50, 51-58.	1.2	10
24	Low-dose CT image and projection dataset. <i>Medical Physics</i> , 2021, 48, 902-911.	1.6	89
25	Triple-Phase Computed Tomography May Replace Dual-Energy X-ray Absorptiometry Scan for Evaluation of Osteoporosis in Liver Transplant Candidates. <i>Liver Transplantation</i> , 2021, 27, 341-348.	1.3	2
26	The feasibility of low iodine dynamic CT angiography with test bolus for evaluation of lower extremity peripheral artery disease. <i>Vascular</i> , 2021, 29, 170853812098630.	0.4	0
27	High resolution, full field of view, whole body photon-counting detector CT: system assessment and initial experience. , 2021, 11595, .		5
28	Deep-learning lesion and noise insertion for virtual clinical trial in chest CT. , 2021, 11595, .		0
29	Automated radiomic analysis of CT images to predict likelihood of spontaneous passage of symptomatic renal stones. <i>Emergency Radiology</i> , 2021, 28, 781-788.	1.0	6
30	Deep-learning-based direct synthesis of low-energy virtual monoenergetic images with multi-energy CT. <i>Journal of Medical Imaging</i> , 2021, 8, 052104.	0.8	8
31	Challenges in Diagnosis and Management of Hemobilia. <i>Radiographics</i> , 2021, 41, 802-813.	1.4	7
32	The utility of a dual-phase, dual-energy CT protocol in patients presenting with overt gastrointestinal bleeding. <i>Acta Radiologica Open</i> , 2021, 10, 205846012110306.	0.3	3
33	Full field-of-view, high-resolution, photon-counting detector CT: technical assessment and initial patient experience. <i>Physics in Medicine and Biology</i> , 2021, 66, 205019.	1.6	54
34	Quality gaps in public pancreas imaging datasets: Implications & challenges for AI applications. <i>Pancreatology</i> , 2021, 21, 1001-1008.	0.5	15
35	Reader Performance as a Function of Patient Size for the Detection of Hepatic Metastases. <i>Journal of Computer Assisted Tomography</i> , 2021, Publish Ahead of Print, 812-819.	0.5	0
36	MRI-detected extramural venous invasion of rectal cancer: Multimodality performance and implications at baseline imaging and after neoadjuvant therapy. <i>Insights Into Imaging</i> , 2021, 12, 110.	1.6	21

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37	CT Noise-Reduction Methods for Lower-Dose Scanning: Strengths and Weaknesses of Iterative Reconstruction Algorithms and New Techniques. <i>Radiographics</i> , 2021, 41, 1493-1508.	1.4	41
38	Perianal magnetic resonance imaging findings and their potential impact on outcome in children with perianal fistulizing Crohn disease. <i>Pediatric Radiology</i> , 2021, 51, 2481-2491.	1.1	2
39	An interactive eye-tracking system for measuring radiologists' visual fixations in volumetric CT images: Implementation and initial eye-tracking accuracy validation. <i>Medical Physics</i> , 2021, 48, 6710-6723.	1.6	4
40	A Pilot Study to Estimate the Impact of High Matrix Image Reconstruction on Chest Computed Tomography. <i>Journal of Clinical Imaging Science</i> , 2021, 11, 52.	0.4	4
41	Evaluation of Pseudoreader Study Designs to Estimate Observer Performance Results as an Alternative to Fully Crossed, Multireader, Multicase Studies. <i>Academic Radiology</i> , 2020, 27, 244-252.	1.3	1
42	Comparison of routine pelvic US and MR imaging in patients with pathologically confirmed endometriosis. <i>Abdominal Radiology</i> , 2020, 45, 1670-1679.	1.0	11
43	Synthesizing images from multiple kernels using a deep convolutional neural network. <i>Medical Physics</i> , 2020, 47, 422-430.	1.6	26
44	Prior iterative reconstruction (PIR) to lower radiation dose and preserve radiologist performance for multiphase liver CT: a multi-reader pilot study. <i>Abdominal Radiology</i> , 2020, 45, 45-54.	1.0	5
45	Dose Reduction for Sinus and Temporal Bone Imaging Using Photon-Counting Detector CT With an Additional Tin Filter. <i>Investigative Radiology</i> , 2020, 55, 91-100.	3.5	86
46	Magnetic Resonance in Crohn's Disease. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2020, 28, 31-44.	0.6	5
47	Observer Performance for Detection of Pulmonary Nodules at Chest CT over a Large Range of Radiation Dose Levels. <i>Radiology</i> , 2020, 297, 699-707.	3.6	15
48	Fat quantification of the rotator cuff musculature using dual-energy CT—A pilot study. <i>European Journal of Radiology</i> , 2020, 130, 109145.	1.2	11
49	Panenteric capsule endoscopy versus ileocolonoscopy plus magnetic resonance enterography in Crohn's disease: a multicentre, prospective study. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000365.	1.1	42
50	Imaging Findings of Ileal Inflammation at Computed Tomography and Magnetic Resonance Enterography: What do They Mean When Ileoscopy and Biopsy are Negative?. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 455-464.	0.6	23
51	Small Bowel Crohn Disease at CT and MR Enterography: Imaging Atlas and Glossary of Terms. <i>Radiographics</i> , 2020, 40, 354-375.	1.4	75
52	Computed tomography and magnetic resonance enterography protocols and techniques: survey of the Society of Abdominal Radiology Crohn's Disease Disease-Focused Panel. <i>Abdominal Radiology</i> , 2020, 45, 1011-1017.	1.0	13
53	The evolving role of imaging for small bowel neuroendocrine neoplasms: estimated impact of imaging and disease-free survival in a retrospective observational study. <i>Abdominal Radiology</i> , 2020, 45, 623-631.	1.0	10
54	Image quality in abdominal CT using an iodine contrast reduction algorithm employing patient size and weight and low kV CT technique. <i>Acta Radiologica</i> , 2020, 61, 1186-1195.	0.5	4

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55	Noise reduction in CT image using prior knowledge aware iterative denoising. Physics in Medicine and Biology, 2020, , .	1.6	6
56	Deep-learning-based model observer for a lung nodule detection task in computed tomography. Journal of Medical Imaging, 2020, 7, 1.	0.8	9
57	Multi-energy CT with triple X-ray beams: a feasibility animal study. , 2020, 11312, .		0
58	Novel Imaging Approaches in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 2019, 25, 248-260.	0.9	13
59	Impact of a Multidisciplinary eBoard on the Management of Patients With Complex Inflammatory Bowel Disease. Crohn's & Colitis 360, 2019, 1, .	0.5	1
60	State of the Art in Abdominal CT: The Limits of Iterative Reconstruction Algorithms. Radiology, 2019, 293, 491-503.	3.6	126
61	Reducing radiation dose for multi-phase contrast-enhanced dual energy renal CT: pilot study evaluating prior iterative reconstruction. Abdominal Radiology, 2019, 44, 3350-3358.	1.0	4
62	Comparison of two small bowel distending agents for enterography in pediatric small bowel imaging. Abdominal Radiology, 2019, 44, 3252-3262.	1.0	6
63	Clinical utility of virtual noncalcium dual-energy CT in imaging of the pelvis and hip. Skeletal Radiology, 2019, 48, 1833-1842.	1.2	6
64	Dual-Energy CT Monitoring of Cryoablation Zone Growth in the Spinal Column and Bony Pelvis: A Laboratory Study. Journal of Vascular and Interventional Radiology, 2019, 30, 1496-1503.	0.2	9
65	Photon-counting Detector CT: System Design and Clinical Applications of an Emerging Technology. Radiographics, 2019, 39, 729-743.	1.4	270
66	Localization of liver lesions in abdominal CT imaging: I. Correlation of human observer performance between anatomical and uniform backgrounds. Physics in Medicine and Biology, 2019, 64, 105011.	1.6	9
67	Development of an Objective Model to Define Near-Term Risk of Ileocecal Resection in Patients with Terminal Ileal Crohn Disease. Inflammatory Bowel Diseases, 2019, 25, 1845-1853.	0.9	5
68	Localization of liver lesions in abdominal CT imaging: II. Mathematical model observer performance correlates with human observer performance for localization of liver lesions in abdominal CT imaging. Physics in Medicine and Biology, 2019, 64, 105012.	1.6	8
69	Mesenteric ischemia: what the radiologist needs to know. Cardiovascular Diagnosis and Therapy, 2019, 9, S74-S87.	0.7	33
70	Comparison of changes in rectal area and volume during MR evacuation proctography in healthy and constipated adults. Neurogastroenterology and Motility, 2019, 31, e13608.	1.6	8
71	A deep learningâ€and partial least square regressionâ€based model observer for a lowâ€contrast lesion detection task in CT. Medical Physics, 2019, 46, 2052-2063.	1.6	27
72	Improving iodine contrast to noise ratio using virtual monoenergetic imaging and prior-knowledge-aware iterative denoising (mono-PKAID). Physics in Medicine and Biology, 2019, 64, 105014.	1.6	19

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73	Assessment of Crohn's disease-associated small bowel strictures and fibrosis on cross-sectional imaging: a systematic review. <i>Gut</i> , 2019, 68, 1115-1126.	6.1	178
74	Ability of Dual-Energy CT to Detect Silicone Gel Breast Implant Rupture and Nodal Silicone Spread. <i>American Journal of Roentgenology</i> , 2019, 212, 933-942.	1.0	15
75	Individualized Delay for Abdominal Computed Tomography Angiography Bolus-Tracking Based on Sequential Monitoring: Increased Aortic Contrast Permits Decreased Injection Rate and Lower Iodine Dose. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 612-618.	0.5	8
76	Evaluation of Lower-Dose Spiral Head CT for Detection of Intracranial Findings Causing Neurologic Deficits. <i>American Journal of Neuroradiology</i> , 2019, 40, 1855-1863.	1.2	9
77	State-of-the-Art Dual-Energy Computed Tomography in Gastrointestinal and Genitourinary Imaging. <i>Advances in Clinical Radiology</i> , 2019, 1, 1-17.	0.1	1
78	Reduction of Metal Artifacts and Improvement in Dose Efficiency Using Photon-Counting Detector Computed Tomography and Tin Filtration. <i>Investigative Radiology</i> , 2019, 54, 204-211.	3.5	76
79	Early Results of a Phase I Trial Using an Adipose-Derived Mesenchymal Stem Cell-Coated Fistula Plug for the Treatment of Transsphincteric Cryptoglandular Fistulas. <i>Diseases of the Colon and Rectum</i> , 2019, 62, 615-622.	0.7	37
80	Mucinous appendiceal neoplasms: classification, imaging, and HIPEC. <i>Abdominal Radiology</i> , 2019, 44, 1686-1702.	1.0	25
81	Differences in the imaging of Crohn's disease patients between North America and Europe: are we ready to bridge the divide?. <i>Abdominal Radiology</i> , 2019, 44, 1637-1643.	1.0	3
82	Findings of CT-Derived Bone Strength Assessment in Inflammatory Bowel Disease Patients Undergoing CT Enterography in Clinical Practice. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1072-1079.	0.9	11
83	Clinical Assessment of Metal Artifact Reduction Methods in Dual-Energy CT Examinations of Instrumented Spines. <i>American Journal of Roentgenology</i> , 2019, 212, 395-401.	1.0	20
84	Breathe New Life Into Your Chest CT Exams: Using Advanced Acquisition and Postprocessing Techniques. <i>Current Problems in Diagnostic Radiology</i> , 2019, 48, 152-160.	0.6	4
85	Judging the J pouch: a pictorial review. <i>Abdominal Radiology</i> , 2019, 44, 845-866.	1.0	11
86	Simulation of CT images reconstructed with different kernels using a convolutional neural network and its implications for efficient CT workflow. , 2019, , .		6
87	Predictors of Durability of Radiological Response in Patients With Small Bowel Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1815-1825.	0.9	16
88	Consensus Recommendations for Evaluation, Interpretation, and Utilization of Computed Tomography and Magnetic Resonance Enterography in Patients With Small Bowel Crohn's Disease. <i>Gastroenterology</i> , 2018, 154, 1172-1194.	0.6	158
89	Duodenal Crohn's Disease—a Diagnostic Conundrum. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 761-763.	0.9	5
90	Reproducible imaging features of biologically aggressive gastrointestinal stromal tumors of the small bowel. <i>Abdominal Radiology</i> , 2018, 43, 1567-1574.	1.0	21

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91	Imaging and Surgical Management of Anorectal Vaginal Fistulas. Radiographics, 2018, 38, 1385-1401.	1.4	39
92	Observer Performance with Varying Radiation Dose and Reconstruction Methods for Detection of Hepatic Metastases. Radiology, 2018, 289, 455-464.	3.6	40
93	Aging, Obesity, and the Incidence of Diverticulitis: A Population-Based Study. Mayo Clinic Proceedings, 2018, 93, 1256-1265.	1.4	35
94	Prospective Pilot Evaluation of Radiologists and Computer-aided Pulmonary Nodule Detection on Ultra-low-Dose CT With Tin Filtration. Journal of Thoracic Imaging, 2018, 33, 396-401.	0.8	21
95	J Pouch: Imaging Findings, Surgical Variations, Natural History, and Common Complications. Radiographics, 2018, 38, 1073-1088.	1.4	17
96	Rectoprostate Fistula After Endoscopic Treatment of Radiation Proctitis. Clinical Gastroenterology and Hepatology, 2018, 16, A33.	2.4	0
97	Clinical Benefit of Capsule Endoscopy in Crohn's Disease: Impact on Patient Management and Prevalence of Proximal Small Bowel Involvement. Inflammatory Bowel Diseases, 2018, 24, 1582-1588.	0.9	31
98	Detection and Characterization of Renal Stones by Using Photon-Counting-based CT. Radiology, 2018, 289, 436-442.	3.6	43
99	Computed Tomography and Magnetic Resonance Small Bowel Enterography. Gastroenterology Clinics of North America, 2018, 47, 475-499.	1.0	16
100	Computed Tomography Enterography. Radiologic Clinics of North America, 2018, 56, 649-670.	0.9	12
101	Evaluation of projection and dual-energy based methods for metal artifact reduction in CT using a phantom study. Journal of Applied Clinical Medical Physics, 2018, 19, 252-260.	0.8	27
102	Interdisciplinary Updates in Crohn's Disease Reporting Nomenclature, and Cross-Sectional Disease Monitoring. Radiologic Clinics of North America, 2018, 56, 691-707.	0.9	7
103	150- μ m Spatial Resolution Using Photon-Counting Detector Computed Tomography Technology. Investigative Radiology, 2018, 53, 655-662.	3.5	137
104	CT for Evaluation of Acute Gastrointestinal Bleeding. Radiographics, 2018, 38, 1089-1107.	1.4	90
105	Impact of CT enterography on the diagnosis of small bowel gastrointestinal stromal tumors. Abdominal Radiology, 2017, 42, 1365-1373.	1.0	25
106	Cross-sectional imaging in refractory celiac disease. Abdominal Radiology, 2017, 42, 389-395.	1.0	13
107	Reducing Iodine Contrast Volume in CT Angiography of the Abdominal Aorta Using Integrated Tube Potential Selection and Weight-Based Method Without Compromising Image Quality. American Journal of Roentgenology, 2017, 208, 552-563.	1.0	21
108	Crohn's disease diagnosis, treatment approach, and management paradigm: what the radiologist needs to know. Abdominal Radiology, 2017, 42, 1068-1086.	1.0	17

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109	MR Imaging of Perianal Crohn Disease. <i>Radiology</i> , 2017, 282, 628-645.	3.6	84
110	Collagenous sprue cross-sectional imaging: a comparative blinded study. <i>Abdominal Radiology</i> , 2017, 42, 396-402.	1.0	0
111	Beyond moulage sign and TTG levels: the role of cross-sectional imaging in celiac sprue. <i>Abdominal Radiology</i> , 2017, 42, 361-388.	1.0	10
112	Low-Dose CT for Craniosynostosis: Preserving Diagnostic Benefit with Substantial Radiation Dose Reduction. <i>American Journal of Neuroradiology</i> , 2017, 38, 672-677.	1.2	29
113	Selection of optimal tube potential settings for dual-energy CT virtual mono-energetic imaging of iodine in the abdomen. <i>Abdominal Radiology</i> , 2017, 42, 2289-2296.	1.0	14
114	Autologous Mesenchymal Stem Cells, Applied in a Bioabsorbable Matrix, for Treatment of Perianal Fistulas in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2017, 153, 59-62.e2.	0.6	147
115	A multi-reader in vitro study using porcine kidneys to determine the impact of integrated circuit detectors and iterative reconstruction on the detection accuracy, size measurement, and radiation dose for small (4 mm) renal stones. <i>Acta Radiologica</i> , 2017, 58, 1012-1019.	0.5	2
116	Evaluation of a projection-domain lung nodule insertion technique in thoracic computed tomography. <i>Journal of Medical Imaging</i> , 2017, 4, 013510.	0.8	4
117	Endoscopic Skipping of the Terminal Ileum in Pediatric Crohn Disease. <i>American Journal of Roentgenology</i> , 2017, 208, W216-W224.	1.0	20
118	Society of Abdominal Radiology Disease-Focused Panel Program: rationale for its genesis and status report. <i>Abdominal Radiology</i> , 2017, 42, 2033-2036.	1.0	6
119	Estimation of Observer Performance for Reduced Radiation Dose Levels in CT. <i>Academic Radiology</i> , 2017, 24, 876-890.	1.3	38
120	Imaging patterns and focal lesions in fatty liver: a pictorial review. <i>Abdominal Radiology</i> , 2017, 42, 1374-1392.	1.0	32
121	Interdisciplinary Management of Perianal Crohn's Disease. <i>Gastroenterology Clinics of North America</i> , 2017, 46, 547-562.	1.0	10
122	Imaging and Screening of Cancer of the Small Bowel. <i>Radiologic Clinics of North America</i> , 2017, 55, 1273-1291.	0.9	14
123	Dual echo Dixon imaging with a constrained phase signal model and graph cuts reconstruction. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2203-2215.	1.9	8
124	Correlation of hepatic fractional extracellular space using gadolinium enhanced MRI with liver stiffness using magnetic resonance elastography. <i>Abdominal Radiology</i> , 2017, 42, 191-198.	1.0	7
125	High-resolution Anorectal Manometry for Identifying Defecatory Disorders and Rectal Structural Abnormalities in Women. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 412-420.	2.4	66
126	Low-dose CT for the detection and classification of metastatic liver lesions: Results of the 2016 Low Dose CT Grand Challenge. <i>Medical Physics</i> , 2017, 44, e339-e352.	1.6	132

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127	CT Dental Artifact: Comparison of an Iterative Metal Artifact Reduction Technique with Weighted Filtered Back-Projection. <i>Acta Radiologica Open</i> , 2017, 6, 205846011774327.	0.3	29
128	Assessment of multi-modality evaluations of obscure gastrointestinal bleeding. <i>World Journal of Gastroenterology</i> , 2017, 23, 614.	1.4	14
129	An open library of CT patient projection data. <i>Proceedings of SPIE</i> , 2016, 9783, .	0.8	7
130	First PET Imaging Studies With ⁶³ Zn-Zinc Citrate in Healthy Human Participants and Patients With Alzheimer Disease. <i>Molecular Imaging</i> , 2016, 15, 153601211667379.	0.7	22
131	Technical Note: Improved CT number stability across patient size using dual-energy CT virtual monoenergetic imaging. <i>Medical Physics</i> , 2016, 43, 513-517.	1.6	36
132	Evaluation of Patient Tolerance and Small-Bowel Distention With a New Small-Bowel Distending Agent for Enterography. <i>American Journal of Roentgenology</i> , 2016, 206, 994-1002.	1.0	20
133	Radiological Response Is Associated With Better Long-Term Outcomes and Is a Potential Treatment Target in Patients With Small Bowel Crohn's Disease. <i>American Journal of Gastroenterology</i> , 2016, 111, 997-1006.	0.2	111
134	Validation of a Projection-domain Insertion of Liver Lesions into CT Images. <i>Academic Radiology</i> , 2016, 23, 1221-1229.	1.3	5
135	Evaluation of a projection-domain lung nodule insertion technique in thoracic CT. , 2016, 9783, .		5
136	Computed Tomography and Magnetic Resonance Enterography in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2280-2288.	0.9	37
137	Comparison of filtered back projection and iterative reconstruction in diagnosing appendicitis at 2-mSv CT. <i>Abdominal Radiology</i> , 2016, 41, 1227-1236.	1.0	10
138	A primer on the use of dual-energy CT in the evaluation of commonly encountered neoplasms. <i>Abdominal Radiology</i> , 2016, 41, 1618-1631.	1.0	11
139	Dealing with Uncertainty in CT Images. <i>Radiology</i> , 2016, 279, 5-10.	3.6	21
140	Incremental diagnostic yield of chromoendoscopy and outcomes in inflammatory bowel disease patients with a history of colorectal dysplasia on white-light endoscopy. <i>Gastrointestinal Endoscopy</i> , 2016, 83, 1005-1012.	0.5	39
141	Update on Magnetic Resonance Imaging and Ultrasound Evaluation of Crohn's Disease. <i>Gastroenterology and Hepatology</i> , 2016, 12, 226-36.	0.2	7
142	Maximizing Iodine Contrast-to-Noise Ratios in Abdominal CT Imaging through Use of Energy Domain Noise Reduction and Virtual Monoenergetic Dual-Energy CT. <i>Radiology</i> , 2015, 276, 562-570.	3.6	100
143	Observer Performance in the Detection and Classification of Malignant Hepatic Nodules and Masses with CT Image-Space Denoising and Iterative Reconstruction. <i>Radiology</i> , 2015, 276, 465-478.	3.6	51
144	Characterization of Urinary Stone Composition by Use of Third-Generation Dual-Source Dual-Energy CT With Increased Spectral Separation. <i>American Journal of Roentgenology</i> , 2015, 205, 1203-1207.	1.0	36

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145	NSAID enteropathy: appearance at CT and MR enterography in the age of multi-modality imaging and treatment. <i>Abdominal Imaging</i> , 2015, 40, 1011-1025.	2.0	33
146	CT enterography: technical and interpretive pitfalls. <i>Abdominal Imaging</i> , 2015, 40, 1081-1096.	2.0	16
147	Gastrointestinal hemorrhage: evaluation with MDCT. <i>Abdominal Imaging</i> , 2015, 40, 993-1009.	2.0	29
148	Observer performance for adaptive, image-based denoising and filtered back projection compared to scanner-based iterative reconstruction for lower dose CT enterography. <i>Abdominal Imaging</i> , 2015, 40, 1050-1059.	2.0	13
149	CT and MR enterography in Crohn's disease: current and future applications. <i>Abdominal Imaging</i> , 2015, 40, 965-974.	2.0	50
150	CT enterography for Crohn's disease: optimal technique and imaging issues. <i>Abdominal Imaging</i> , 2015, 40, 938-952.	2.0	72
151	Individualizing Management of Complex Esophageal Pathology Using Three-Dimensional Printed Models. <i>Annals of Thoracic Surgery</i> , 2015, 100, 692-697.	0.7	33
152	Editorial: Characterization of Inflammation and Fibrosis in Crohn's Disease Lesions by Magnetic Resonance Imaging. <i>American Journal of Gastroenterology</i> , 2015, 110, 441-443.	0.2	12
153	Biphenotypic hepatic tumors: imaging findings and review of literature. <i>Abdominal Imaging</i> , 2015, 40, 2293-2305.	2.0	43
154	Radiation Dose Reduction in Pediatric Body CT Using Iterative Reconstruction and a Novel Image-Based Denoising Method. <i>American Journal of Roentgenology</i> , 2015, 205, 1026-1037.	1.0	19
155	Technical Note: Measuring contrast- and noise-dependent spatial resolution of an iterative reconstruction method in CT using ensemble averaging. <i>Medical Physics</i> , 2015, 42, 2261-2267.	1.6	52
156	Answers to Common Questions About the Use and Safety of CT Scans. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1380-1392.	1.4	128
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