

# Joel G Fletcher

## List of Publications by Year in descending order

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243  
papers

14,853  
citations

16451

64  
h-index

21540

114  
g-index

244  
all docs

244  
docs citations

244  
times ranked

9435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual- and Multi-Energy CT: Principles, Technical Approaches, and Clinical Applications. <i>Radiology</i> , 2015, 276, 637-653.	7.3	1,092
2	Development of the Crohn's disease digestive damage score, the Lönnemann score. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1415-1422.	1.9	496
3	CT Enterography as a Diagnostic Tool in Evaluating Small Bowel Disorders: Review of Clinical Experience with over 700 Cases. <i>Radiographics</i> , 2006, 26, 641-657.	3.3	398
4	Noninvasive Differentiation of Uric Acid versus Non-Uric Acid Kidney Stones Using Dual-Energy CT. <i>Academic Radiology</i> , 2007, 14, 1441-1447.	2.5	364
5	Prospective Comparison of State-of-the-Art MR Enterography and CT Enterography in Small-Bowel Crohn's Disease. <i>American Journal of Roentgenology</i> , 2009, 193, 113-121.	2.2	357
6	Optimization of CT Colonography Technique: Prospective Trial in 180 Patients. <i>Radiology</i> , 2000, 216, 704-711.	7.3	338
7	Crohn Disease: Mural Attenuation and Thickness at Contrast-enhanced CT Enterography—Correlation with Endoscopic and Histologic Findings of Inflammation. <i>Radiology</i> , 2006, 238, 505-516.	7.3	334
8	Small-bowel imaging in Crohn's disease: a prospective, blinded, 4-way comparison trial. <i>Gastrointestinal Endoscopy</i> , 2008, 68, 255-266.	1.0	333
9	Assessment of Small Bowel Crohn Disease: Noninvasive Peroral CT Enterography Compared with Other Imaging Methods and Endoscopy—Feasibility Study. <i>Radiology</i> , 2003, 229, 275-281.	7.3	306
10	Radiation dose reduction in computed tomography: techniques and future perspective. <i>Imaging in Medicine</i> , 2009, 1, 65-84.	0.0	296
11	Virtual monochromatic imaging in dual-source dual-energy CT: Radiation dose and image quality. <i>Medical Physics</i> , 2011, 38, 6371-6379.	3.0	282
12	Photon-counting Detector CT: System Design and Clinical Applications of an Emerging Technology. <i>Radiographics</i> , 2019, 39, 729-743.	3.3	270
13	Pancreatic Malignancy: Value of Arterial, Pancreatic, and Hepatic Phase Imaging with Multi-Detector Row CT. <i>Radiology</i> , 2003, 229, 81-90.	7.3	257
14	Projection space denoising with bilateral filtering and CT noise modeling for dose reduction in CT. <i>Medical Physics</i> , 2009, 36, 4911-4919.	3.0	240
15	Identification of Intraarticular and Periarticular Uric Acid Crystals with Dual-Energy CT: Initial Evaluation. <i>Radiology</i> , 2011, 261, 516-524.	7.3	211
16	Automatic selection of tube potential for radiation dose reduction in CT: A general strategy. <i>Medical Physics</i> , 2010, 37, 234-243.	3.0	201
17	Adaptive nonlocal means filtering based on local noise level for CT denoising. <i>Medical Physics</i> , 2013, 41, 011908.	3.0	201
18	First Clinical Photon-counting Detector CT System: Technical Evaluation. <i>Radiology</i> , 2022, 303, 130-138.	7.3	201

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19	Diagnostic Ionizing Radiation Exposure in a Population-Based Cohort of Patients with Inflammatory Bowel Disease. <i>American Journal of Gastroenterology</i> , 2008, 103, 2015-2022.	0.4	184
20	Optimal Tube Potential for Radiation Dose Reduction in Pediatric CT: Principles, Clinical Implementations, and Pitfalls. <i>Radiographics</i> , 2011, 31, 835-848.	3.3	179
21	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.	12.1	178
22	Active Crohn Disease: CT Findings and Interobserver Agreement for Enteric Phase CT Enterography. <i>Radiology</i> , 2006, 241, 787-795.	7.3	176
23	Endoscopic Skipping of the Distal Terminal Ileum in Crohn's Disease Can Lead to Negative Results From Ileocolonoscopy. <i>Clinical Gastroenterology and Hepatology</i> , 2012, 10, 1253-1259.	4.4	175
24	Relationship between Noise, Dose, and Pitch in Cardiac Multi-Detector Row CT. <i>Radiographics</i> , 2006, 26, 1785-1794.	3.3	159
25	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.	1.3	158
26	Prospective Blinded Comparison of Wireless Capsule Endoscopy and Multiphase CT Enterography in Obscure Gastrointestinal Bleeding. <i>Radiology</i> , 2011, 260, 744-751.	7.3	150
27	Dual-Energy and Dual-Source CT: Is There a Role in the Abdomen and Pelvis?. <i>Radiologic Clinics of North America</i> , 2009, 47, 41-57.	1.8	148
28	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.	1.3	147
29	In Defense of Body CT. <i>American Journal of Roentgenology</i> , 2009, 193, 28-39.	2.2	144
30	Obscure Gastrointestinal Bleeding: Evaluation with 64-Section Multiphase CT Enterography—Initial Experience. <i>Radiology</i> , 2008, 246, 562-571.	7.3	142
31	150- $\mu$ m Spatial Resolution Using Photon-Counting Detector Computed Tomography Technology. <i>Investigative Radiology</i> , 2018, 53, 655-662.	6.2	137
32	Appropriate Patient Selection at Abdominal Dual-Energy CT Using 80 kV: Relationship between Patient Size, Image Noise, and Image Quality. <i>Radiology</i> , 2010, 257, 732-742.	7.3	136
33	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.	3.0	132
34	A prospective evaluation of computerized tomographic (CT) scanning as a screening modality for esophageal varices. <i>Hepatology</i> , 2008, 47, 1587-1594.	7.3	131
35	Answers to Common Questions About the Use and Safety of CT Scans. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1380-1392.	3.0	128
36	State of the Art in Abdominal CT: The Limits of Iterative Reconstruction Algorithms. <i>Radiology</i> , 2019, 293, 491-503.	7.3	126

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37	Prevalence of penetrating disease and extraintestinal manifestations of Crohn's disease detected with CT enterography. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 1701-1706.	1.9	123
38	Methods for Clinical Evaluation of Noise Reduction Techniques in Abdominopelvic CT. <i>Radiographics</i> , 2014, 34, 849-862.	3.3	123
39	Dual-Energy CT Iodine-Subtraction Virtual Unenhanced Technique to Detect Urinary Stones in an Iodine-Filled Collecting System: A Phantom Study. <i>American Journal of Roentgenology</i> , 2008, 190, 1169-1173.	2.2	114
40	New Concepts in Intestinal Imaging for Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2011, 140, 1795-1806.e7.	1.3	112
41	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.	0.4	111
42	Computerized tomographic colonography: performance evaluation in a retrospective multicenter setting. Vital Images Inc. has supported research at UCLA (to D. S. K. L., J. A. B., and E. G. M.). Monex provided support (to M. M.). GE Medical Systems provided software license and research support (to C. Tj ETQq0 0 0 rgBT /Overlock 107 (to M. A. B.). The study design was approved by the National Cancer Institute Cancer Therapy Evaluati.	1.3	107
43	Evaluation of non-linear blending in dual-energy computed tomography. <i>European Journal of Radiology</i> , 2008, 68, 409-413.	2.6	107
44	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.	7.3	100
45	Detectability of Urinary Stones on Virtual Nonenhanced Images Generated at Pyelographic-Phase Dual-Energy CT. <i>Radiology</i> , 2010, 256, 184-190.	7.3	98
46	Endoscopy and MR enteroclysis: Equivalent tools in predicting clinical recurrence in patients with Crohn's disease after ileocolic resection. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 198-203.	1.9	97
47	EMerging BiomARKers in Inflammatory Bowel Disease (EMBARC) Study Identifies Fecal Calprotectin, Serum MMP9, and Serum IL-22 as a Novel Combination of Biomarkers for Crohn's Disease Activity: Role of Cross-Sectional Imaging. <i>American Journal of Gastroenterology</i> , 2013, 108, 1891-1900.	0.4	97
48	Noise reduction in spectral CT: Reducing dose and breaking the trade-off between image noise and energy bin selection. <i>Medical Physics</i> , 2011, 38, 4946-4957.	3.0	95
49	Autoimmune Pancreatitis: Differentiation From Pancreatic Carcinoma and Normal Pancreas on the Basis of Enhancement Characteristics at Dual-Phase CT. <i>American Journal of Roentgenology</i> , 2009, 193, 479-484.	2.2	91
50	CT for Evaluation of Acute Gastrointestinal Bleeding. <i>Radiographics</i> , 2018, 38, 1089-1107.	3.3	90
51	Low-dose CT image and projection dataset. <i>Medical Physics</i> , 2021, 48, 902-911.	3.0	89
52	ACR Colon Cancer Committee White Paper: Status of CT Colonography 2009. <i>Journal of the American College of Radiology</i> , 2009, 6, 756-772.e4.	1.8	86
53	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.	6.2	86
54	Head-to-Head Comparison of Oral Contrast Agents for Cross-sectional Enterography. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 32-38.	0.9	84

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55	MR Imaging of Perianal Crohn Disease. <i>Radiology</i> , 2017, 282, 628-645.	7.3	84
56	CT enterography and fistulizing Crohn's disease: clinical benefit and radiographic findings. <i>Abdominal Imaging</i> , 2009, 34, 467-475.	2.0	78
57	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.	6.2	76
58	Computed Tomography Enterography Detects Intestinal Wall Changes and Effects of Treatment in Patients With Crohn's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2011, 9, 679-683.e1.	4.4	75
59	Small Bowel Crohn Disease at CT and MR Enterography: Imaging Atlas and Glossary of Terms. <i>Radiographics</i> , 2020, 40, 354-375.	3.3	75
60	Effect of Slice Thickness and Primary 2D Versus 3D Virtual Dissection on Colorectal Lesion Detection at CT Colonography in 452 Asymptomatic Adults. <i>American Journal of Roentgenology</i> , 2007, 189, 672-680.	2.2	72
61	CT enterography for Crohn's disease: optimal technique and imaging issues. <i>Abdominal Imaging</i> , 2015, 40, 938-952.	2.0	72
62	Standards for Gastroenterologists for Performing and Interpreting Diagnostic Computed Tomographic Colonography. <i>Gastroenterology</i> , 2007, 133, 1005-1024.	1.3	71
63	Benefit of Computed Tomography Enterography in Crohn's Disease: Effects on Patient Management and Physician Level of Confidence. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 219-225.	1.9	66
64	High-resolution Anorectal Manometry for Identifying Defecatory Disorders and Rectal Structural Abnormalities in Women. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 412-420.	4.4	66
65	Genitourinary Applications of Dual-Energy CT. <i>American Journal of Roentgenology</i> , 2010, 194, 1434-1442.	2.2	65
66	Lowering Kilovoltage to Reduce Radiation Dose in Contrast-Enhanced Abdominal CT: Initial Assessment of a Prototype Automated Kilovoltage Selection Tool. <i>American Journal of Roentgenology</i> , 2012, 199, 1070-1077.	2.2	59
67	Automatic Selection of Tube Potential for Radiation Dose Reduction in Vascular and Contrast-Enhanced Abdominopelvic CT. <i>American Journal of Roentgenology</i> , 2013, 201, W297-W306.	2.2	58
68	Colonography: current status, research directions and challenges. Update 2002. <i>European Radiology</i> , 2002, 12, 502-524.	4.5	56
69	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.	3.0	54
70	Validation of a lower radiation computed tomography enterography imaging protocol to detect Crohn's disease in the small bowel. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 778-786.	1.9	53
71	Applications of Dual-Energy CT in Urologic Imaging: An Update. <i>Radiologic Clinics of North America</i> , 2012, 50, 191-205.	1.8	53
72	Reducing Radiation Dose in CT Enterography. <i>Radiographics</i> , 2013, 33, 1109-1124.	3.3	52

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73	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.	3.0	52
74	Carcinoid Tumors of the Stomach. <i>American Journal of Roentgenology</i> , 2001, 176, 947-951.	2.2	51
75	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.	7.3	51
76	CT and MR enterography in Crohn's disease: current and future applications. <i>Abdominal Imaging</i> , 2015, 40, 965-974.	2.0	50
77	Validation of a CT-Derived Method for Osteoporosis Screening in IBD Patients Undergoing Contrast-Enhanced CT Enterography. <i>American Journal of Gastroenterology</i> , 2014, 109, 401-408.	0.4	49
78	Understanding interpretive errors in radiologists learning computed tomography colonography1. <i>Academic Radiology</i> , 2004, 11, 750-756.	2.5	48
79	MR Enterography in Pediatric Inflammatory Bowel Disease: Retrospective Assessment of Patient Tolerance, Image Quality, and Initial Performance Estimates. <i>American Journal of Roentgenology</i> , 2012, 199, W367-W375.	2.2	48
80	Validation of Dual-Source Single-Tube Reconstruction as a Method to Obtain Half-Dose Images to Evaluate Radiation Dose and Noise Reduction. <i>Journal of Computer Assisted Tomography</i> , 2012, 36, 560-569.	0.9	44
81	Effects of Clonidine in Women With Fecal Incontinence. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 843-851.e2.	4.4	43
82	Biphenotypic hepatic tumors: imaging findings and review of literature. <i>Abdominal Imaging</i> , 2015, 40, 2293-2305.	2.0	43
83	Clinical characteristics and imaging features of small bowel adenocarcinomas in Crohn's disease. <i>Abdominal Imaging</i> , 2015, 40, 1060-1067.	2.0	43
84	Detection and Characterization of Renal Stones by Using Photon-Counting-based CT. <i>Radiology</i> , 2018, 289, 436-442.	7.3	43
85	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.	2.4	43
86	Formative Evaluation of Standardized Training for CT Colonographic Image Interpretation by Novice Readers. <i>Radiology</i> , 2008, 249, 167-177.	7.3	42
87	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.	2.7	42
88	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.	3.3	41
89	Observer Performance with Varying Radiation Dose and Reconstruction Methods for Detection of Hepatic Metastases. <i>Radiology</i> , 2018, 289, 455-464.	7.3	40
90	Assessment of appropriateness of indications for CT enterography in younger patients. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 226-232.	1.9	39

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91	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.	1.0	39
92	Imaging and Surgical Management of Anorectal Vaginal Fistulas. <i>Radiographics</i> , 2018, 38, 1385-1401.	3.3	39
93	Estimation of Observer Performance for Reduced Radiation Dose Levels in CT. <i>Academic Radiology</i> , 2017, 24, 876-890.	2.5	38
94	Noise Reduction to Decrease Radiation Dose and Improve Conspicuity of Hepatic Lesions at Contrast-Enhanced 80-kV Hepatic CT Using Projection Space Denoising. <i>American Journal of Roentgenology</i> , 2012, 198, 405-411.	2.2	37
95	Computed Tomography and Magnetic Resonance Enterography in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2280-2288.	1.9	37
96	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.	1.3	37
97	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.	2.2	36
98	Technical Note: Improved CT number stability across patient size using dual-energy CT virtual monoenergetic imaging. <i>Medical Physics</i> , 2016, 43, 513-517.	3.0	36
99	Aging, Obesity, and the Incidence of Diverticulitis: A Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1256-1265.	3.0	35
100	Estimating the Clinical Impact of Photon-Counting-Detector CT in Diagnosing Usual Interstitial Pneumonia. <i>Investigative Radiology</i> , 2022, 57, 734-741.	6.2	34
101	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
102	Individualizing Management of Complex Esophageal Pathology Using Three-Dimensional Printed Models. <i>Annals of Thoracic Surgery</i> , 2015, 100, 692-697.	1.3	33
103	Mesenteric ischemia: what the radiologist needs to know. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S74-S87.	1.7	33
104	Feasibility of Dose Reduction Using Novel Denoising Techniques for Low kV (80 kV) CT Enterography. <i>Academic Radiology</i> , 2010, 17, 1203-1210.	2.5	32
105	Imaging patterns and focal lesions in fatty liver: a pictorial review. <i>Abdominal Radiology</i> , 2017, 42, 1374-1392.	2.1	32
106	Clinical Benefit of Capsule Endoscopy in Crohn's Disease: Impact on Patient Management and Prevalence of Proximal Small Bowel Involvement. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1582-1588.	1.9	31
107	Gastrointestinal hemorrhage: evaluation with MDCT. <i>Abdominal Imaging</i> , 2015, 40, 993-1009.	2.0	29
108	Low-Dose CT for Craniosynostosis: Preserving Diagnostic Benefit with Substantial Radiation Dose Reduction. <i>American Journal of Neuroradiology</i> , 2017, 38, 672-677.	2.4	29

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109	CT Dental Artifact: Comparison of an Iterative Metal Artifact Reduction Technique with Weighted Filtered Back-Projection. <i>Acta Radiologica Open</i> , 2017, 6, 205846011774327.	0.6	29
110	International consensus to standardise histopathological scoring for small bowel strictures in Crohn's disease. <i>Gut</i> , 2022, 71, 479-486.	12.1	29
111	Occult Colorectal Polyps on CT Colonography: Implications for Surveillance. <i>American Journal of Roentgenology</i> , 2006, 186, 1380-1383.	2.2	28
112	Pilot Study of Detection, Radiologist Confidence and Image Quality With Sinogram-Affirmed Iterative Reconstruction at Half-Routine Dose Level. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 203-211.	0.9	28
113	Evaluation of projection- and dual-energy-based methods for metal artifact reduction in CT using a phantom study. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 252-260.	1.9	27
114	A deep learning- and partial least square regression-based model observer for a low-contrast lesion detection task in CT. <i>Medical Physics</i> , 2019, 46, 2052-2063.	3.0	27
115	Toward Biphasic Computed Tomography (CT) Enteric Contrast. <i>Journal of Computer Assisted Tomography</i> , 2012, 36, 554-559.	0.9	26
116	Perspective on radiation risk in CT imaging. <i>Abdominal Imaging</i> , 2013, 38, 22-31.	2.0	26
117	Relationship Among Anal Sphincter Injury, Patulous Anal Canal, and Anal Pressures in Patients With Anorectal Disorders. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 1793-1800.e1.	4.4	26
118	Synthesizing images from multiple kernels using a deep convolutional neural network. <i>Medical Physics</i> , 2020, 47, 422-430.	3.0	26
119	Improved visualization of the wrist at lower radiation dose with photon-counting-detector CT. <i>Skeletal Radiology</i> , 2023, 52, 23-29.	2.0	26
120	Pilot multi-reader study demonstrating potential for dose reduction in dual energy hepatic CT using non-linear blending of mixed kV image datasets. <i>European Radiology</i> , 2011, 21, 644-652.	4.5	25
121	Impact of CT enterography on the diagnosis of small bowel gastrointestinal stromal tumors. <i>Abdominal Radiology</i> , 2017, 42, 1365-1373.	2.1	25
122	Mucinous appendiceal neoplasms: classification, imaging, and HIPEC. <i>Abdominal Radiology</i> , 2019, 44, 1686-1702.	2.1	25
123	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.	4.4	25
124	Dual-Contrast Biphasic Liver Imaging With Iodine and Gadolinium Using Photon-Counting Detector Computed Tomography. <i>Investigative Radiology</i> , 2022, 57, 122-129.	6.2	25
125	Individualization of Abdominopelvic CT Protocols With Lower Tube Voltage to Reduce IV Contrast Dose or Radiation Dose. <i>American Journal of Roentgenology</i> , 2013, 201, 147-153.	2.2	24
126	Noncathartic CT Colonography: Image Quality Assessment and Performance and in a Screening Cohort. <i>American Journal of Roentgenology</i> , 2013, 201, 787-794.	2.2	24

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127	Imaging Findings of Ileal Inflammation at Computed Tomography and Magnetic Resonance Enterography: What do They Mean When Ileoscopy and Biopsy are Negative?. Journal of Crohn's and Colitis, 2020, 14, 455-464.	1.3	23
128	Feasibility of Planar Virtual Pathology: A New Paradigm in Volume-Rendered CT Colonography. Journal of Computer Assisted Tomography, 2001, 25, 864-869.	0.9	22
129	First PET Imaging Studies With <sup>63</sup> Zn-Zinc Citrate in Healthy Human Participants and Patients With Alzheimer Disease. Molecular Imaging, 2016, 15, 153601211667379.	1.4	22
130	Computerized Tomography Enterography and Its Role in Small-Bowel Imaging. Clinical Gastroenterology and Hepatology, 2008, 6, 283-289.	4.4	21
131	Dealing with Uncertainty in CT Images. Radiology, 2016, 279, 5-10.	7.3	21
132	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.	2.2	21
133	Reproducible imaging features of biologically aggressive gastrointestinal stromal tumors of the small bowel. Abdominal Radiology, 2018, 43, 1567-1574.	2.1	21
134	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.	1.5	21
135	MRI-detected extramural venous invasion of rectal cancer: Multimodality performance and implications at baseline imaging and after neoadjuvant therapy. Insights Into Imaging, 2021, 12, 110.	3.4	21
136	Individualized kV Selection and Tube Current Reduction in Excretory Phase Computed Tomography Urography. Journal of Computer Assisted Tomography, 2013, 37, 551-559.	0.9	20
137	Evaluation of Patient Tolerance and Small-Bowel Distention With a New Small-Bowel Distending Agent for Enterography. American Journal of Roentgenology, 2016, 206, 994-1002.	2.2	20
138	Endoscopic Skipping of the Terminal Ileum in Pediatric Crohn Disease. American Journal of Roentgenology, 2017, 208, W216-W224.	2.2	20
139	Clinical Assessment of Metal Artifact Reduction Methods in Dual-Energy CT Examinations of Instrumented Spines. American Journal of Roentgenology, 2019, 212, 395-401.	2.2	20
140	Radiation Dose Reduction in Pediatric Body CT Using Iterative Reconstruction and a Novel Image-Based Denoising Method. American Journal of Roentgenology, 2015, 205, 1026-1037.	2.2	19
141	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.	3.0	19
142	Reducing Image Noise in Computed Tomography (CT) Colonography. Journal of Computer Assisted Tomography, 2014, 38, 398-403.	0.9	18
143	Subtraction Color Map of Contrast-Enhanced and Unenhanced CT for the Prediction of Pancreatic Necrosis in Early Stage of Acute Pancreatitis. American Journal of Roentgenology, 2014, 202, W349-W356.	2.2	17
144	Crohn's disease diagnosis, treatment approach, and management paradigm: what the radiologist needs to know. Abdominal Radiology, 2017, 42, 1068-1086.	2.1	17

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145	J Pouch: Imaging Findings, Surgical Variations, Natural History, and Common Complications. Radiographics, 2018, 38, 1073-1088.	3.3	17
146	Effect on examination ordering by physician attitude, common knowledge, and practice behavior regarding CT radiation exposure. Clinical Imaging, 2012, 36, 455-461.e1.	1.5	16
147	CT enterography: technical and interpretive pitfalls. Abdominal Imaging, 2015, 40, 1081-1096.	2.0	16
148	Predictors of Durability of Radiological Response in Patients With Small Bowel Crohn's Disease. Inflammatory Bowel Diseases, 2018, 24, 1815-1825.	1.9	16
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