Daniele Marin

List of Publications by Year
in descending order

180 papers	6,998 citations	61984 43 h-index	69250 77 g-index
182 all docs	182 docs citations	182 times ranked	6576 citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Tube-Voltage, High-Tube-Current Multidetector Abdominal CT: Improved Image Quality and Decreased Radiation Dose with Adaptive Statistical Iterative Reconstruction Algorithmâ€"Initial Clinical Experience. Radiology, 2010, 254, 145-153.	7.3	470
2	Dual-Energy Multidetector CT: How Does It Work, What Can It Tell Us, and When Can We Use It in Abdominopelvic Imaging?<sup /> . Radiographics, 2010, 30, 1037-1055.	3.3	333
3	State of the Art: Dual-Energy CT of the Abdomen. Radiology, 2014, 271, 327-342.	7.3	309
4	Emerging applications for ferumoxytol as a contrast agent in MRI. Journal of Magnetic Resonance Imaging, 2015, 41, 884-898.	3.4	307
5	Intraindividual Comparison of Gadoxetate Disodiumâ€"enhanced MR Imaging and 64-Section Multidetector CT in the Detection of Hepatocellular Carcinoma in Patients with Cirrhosis. Radiology, 2010, 256, 806-816.	7.3	229
6	Hypervascular Liver Tumors: Low Tube Voltage, High Tube Current Multidetector CT during Late Hepatic Arterial Phase for Detectionâ€"Initial Clinical Experience. Radiology, 2009, 251, 771-779.	7.3	218
7	Fibropolycystic Liver Disease: CT and MR Imaging Findings. Radiographics, 2005, 25, 659-670.	3.3	183
8	Reproducibility of CT Radiomic Features within the Same Patient: Influence of Radiation Dose and CT Reconstruction Settings. Radiology, 2019, 293, 583-591.	7.3	172
9	Respiratory Motion Artifact Affecting Hepatic Arterial Phase Imaging with Gadoxetate Disodium: Examination Recovery with a Multiple Arterial Phase Acquisition. Radiology, 2014, 271, 426-434.	7.3	157
10	Iodine Quantification to Distinguish Clear Cell from Papillary Renal Cell Carcinoma at Dual-Energy Multidetector CT: A Multireader Diagnostic Performance Study. Radiology, 2014, 273, 813-820.	7.3	146
11	Detection of Pancreatic Tumors, Image Quality, and Radiation Dose during the Pancreatic Parenchymal Phase: Effect of a Low-Tube-Voltage, High-Tube-Current CT Techniqueâ€"Preliminary Results. Radiology, 2010, 256, 450-459.	7.3	135
12	Dual-Energy CT Applications in the Abdomen. American Journal of Roentgenology, 2012, 199, S64-S70.	2.2	121
13	Noise and spatial resolution properties of a commercially available deep learningâ€"based CT reconstruction algorithm. Medical Physics, 2020, 47, 3961-3971.	3.0	113
14	Iterative Reconstruction Algorithm for Abdominal Multidetector CT at Different Tube Voltages: Assessment of Diagnostic Accuracy, Image Quality, and Radiation Dose in a Phantom Study. Radiology, 2011, 260, 454-462.	7.3	110
15	Dual-Energy CT for Characterization of Adrenal Nodules: Initial Experience. American Journal of Roentgenology, 2010, 194, 1479-1483.	2.2	105
16	Characterization of Adrenal Nodules With Dual-Energy CT: Can Virtual Unenhanced Attenuation Values Replace True Unenhanced Attenuation Values?. American Journal of Roentgenology, 2012, 198, 840-845.	2.2	103
17	Impact of Dual-Energy Multiâ€"Detector Row CT with Virtual Monochromatic Imaging on Renal Cyst Pseudoenhancement: In Vitro and in Vivo Study. Radiology, 2014, 272, 767-776.	7.3	93
18	Dual Energy Versus Single Energy MDCT: Measurement of Radiation Dose Using Adult Abdominal Imaging Protocols. Academic Radiology, 2009, 16, 1400-1407.	2.5	92

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19	Hepatocellular Carcinoma in Patients with Cirrhosis: Qualitative Comparison of Gadobenate Dimeglumine–enhanced MR Imaging and Multiphasic 64-Section CT. Radiology, 2009, 251, 85-95.	7.3	90
20	Accuracy of Contrast-Enhanced Dual-Energy MDCT for the Assessment of Iodine Uptake in Renal Lesions. American Journal of Roentgenology, 2014, 202, W466-W474.	2.2	85
21	ACR Appropriateness Criteria® Right Lower Quadrant Pain-Suspected Appendicitis. Journal of the American College of Radiology, 2018, 15, S373-S387.	1.8	85
22	Effect of Radiation Dose Reduction and Reconstruction Algorithm on Image Noise, Contrast, Resolution, and Detectability of Subtle Hypoattenuating Liver Lesions at Multidetector CT: Filtered Back Projection versus a Commercial Model–based Iterative Reconstruction Algorithm. Radiology, 2017, 284, 777-787.	7.3	84
23	64-Section multi-detector row CT in the preoperative diagnosis of peritoneal carcinomatosis: correlation with histopathological findings. Abdominal Imaging, 2010, 35, 694-700.	2.0	83
24	Dual-Energy Multidetector CT for the Characterization of Incidental Adrenal Nodules: Diagnostic Performance of Contrast-enhanced Material Density Analysis. Radiology, 2015, 274, 445-454.	7.3	77
25	Respiratory Motion Artifact Affecting Hepatic Arterial Phase MR Imaging with Gadoxetate Disodium Is More Common in Patients with a Prior Episode of Arterial Phase Motion Associated with Gadoxetate Disodium. Radiology, 2015, 274, 141-148.	7.3	75
26	Next generation sequencing of PD-L1 for predicting response to immune checkpoint inhibitors. , 2019, 7, 18.		72
27	Characterization of Small Focal Renal Lesions: Diagnostic Accuracy with Single-Phase Contrast-enhanced Dual-Energy CT with Material Attenuation Analysis Compared with Conventional Attenuation Measurements. Radiology, 2017, 284, 737-747.	7.3	69
28	Virtual Monochromatic Images from Dual-Energy Multidetector CT: Variance in CT Numbers from the Same Lesion between Single-Source Projection-based and Dual-Source Image-based Implementations. Radiology, 2016, 279, 269-277.	7.3	62
29	Colorectal Polyps: Detection with Low-Dose Multi–Detector Row Helical CT Colonography versus Two Sequential Colonoscopies. Radiology, 2005, 237, 927-937.	7.3	61
30	Dual-energy CT workflow: multi-institutional consensus on standardization of abdominopelvic MDCT protocols. Abdominal Radiology, 2017, 42, 676-687.	2.1	60
31	The Effect of Contrast Material on Radiation Dose at CT: Part II. A Systematic Evaluation across 58 Patient Models. Radiology, 2017, 283, 749-757.	7.3	59
32	A Third-Generation Adaptive Statistical Iterative Reconstruction Technique: Phantom Study of Image Noise, Spatial Resolution, Lesion Detectability, and Dose Reduction Potential. American Journal of Roentgenology, 2018, 210, 1301-1308.	2.2	59
33	Automated coronary calcium scoring using deep learning with multicenter external validation. Npj Digital Medicine, 2021, 4, 88.	10.9	59
34	Dual-Energy MDCT for Imaging the Renal Mass. American Journal of Roentgenology, 2015, 204, W640-W647.	2.2	58
35	Dual-Energy MDCT in Hypervascular Liver Tumors: Effect of Body Size on Selection of the Optimal Monochromatic Energy Level. American Journal of Roentgenology, 2014, 203, 1257-1264.	2.2	57
36	Hepatocellular carcinoma in cirrhotic patients at multidetector CT: hepatic venous phase versus delayed phase for the detection of tumour washout. British Journal of Radiology, 2011, 84, 403-412.	2.2	56

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37	Pembrolizumab in men with heavily treated metastatic castrate‑resistant prostate cancer. Cancer Medicine, 2019, 8, 4644-4655.	2.8	55
38	Percutaneous Abscess Drainage in Patients With Perforated Acute Appendicitis: Effectiveness, Safety, and Prediction of Outcome. American Journal of Roentgenology, 2010, 194, 422-429.	2.2	54
39	Dual-Energy CT Material Density Iodine Quantification for Distinguishing Vascular From Nonvascular Renal Lesions: Normalization Reduces Intermanufacturer Threshold Variability. American Journal of Roentgenology, 2019, 212, 366-376.	2.2	51
40	Radiation Dose Reduction in Abdominal Computed Tomography During the Late Hepatic Arterial Phase Using a Model-Based Iterative Reconstruction Algorithm. Investigative Radiology, 2012, 47, 468-474.	6.2	49
41	Virtual Unenhanced Images at Dual-Energy CT: Influence on Renal Lesion Characterization. Radiology, 2019, 291, 381-390.	7.3	49
42	Focal nodular hyperplasia: typical and atypical MRI findings with emphasis on the use of contrast media. Clinical Radiology, 2008, 63, 577-585.	1.1	47
43	Focal nodular hyperplasia-like lesions in patients with cavernous transformation of the portal vein: prevalence, MR findings and natural history. European Radiology, 2011, 21, 2074-2082.	4.5	46
44	Focal lesions in cirrhotic liver: what else beyond hepatocellular carcinoma?. Diagnostic and Interventional Radiology, 2014, 20, 222-228.	1.5	45
45	Effect of a Noise-Optimized Second-Generation Monoenergetic Algorithm on Image Noise and Conspicuity of Hypervascular Liver Tumors: An In Vitro and In Vivo Study. American Journal of Roentgenology, 2016, 206, 1222-1232.	2.2	45
46	Can Texture Analysis Be Used to Distinguish Benign From Malignant Adrenal Nodules on Unenhanced CT, Contrast-Enhanced CT, or In-Phase and Opposed-Phase MRI?. American Journal of Roentgenology, 2019, 212, 554-561.	2.2	44
47	Comparison of image quality and radiation dose between split-filter dual-energy images and single-energy images in single-source abdominal CT. European Radiology, 2018, 28, 3405-3412.	4.5	43
48	Concordance of hypervascular liver nodule characterization between the organ procurement and transplant network and liver imaging reporting and data system classifications. Journal of Magnetic Resonance Imaging, 2015, 42, 305-314.	3.4	42
49	ACR Appropriateness Criteria® Acute Nonlocalized Abdominal Pain. Journal of the American College of Radiology, 2018, 15, S217-S231.	1.8	42
50	Dual energy MDCT assessment of renal lesions: an overview. European Radiology, 2014, 24, 353-362.	4.5	41
51	Imaging the renal lesion with dual-energy multidetector CT and multi-energy applications in clinical practice: what can it truly do for you?. European Radiology, 2016, 26, 3677-3690.	4.5	41
52	Enhancement pattern of small hepatocellular carcinoma (HCC) at contrast-enhanced US (CEUS), MDCT, and MRI: Intermodality agreement and comparison of diagnostic sensitivity between 2005 and 2010 American Association for the Study of Liver Diseases (AASLD) guidelines. European Journal of Radiology, 2012, 81, 2099-2105.	2.6	40
53	The Effect of Contrast Material on Radiation Dose at CT: Part I. Incorporation of Contrast Material Dynamics in Anthropomorphic Phantoms. Radiology, 2017, 283, 739-748.	7.3	40
54	Body CT: Technical Advances for Improving Safety. American Journal of Roentgenology, 2011, 197, 33-41.	2.2	39

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55	Clinical Implementation of Dual-Energy CT for Gastrointestinal Imaging. American Journal of Roentgenology, 2021, 217, 651-663.	2.2	38
56	Effect of Beam Hardening on Arterial Enhancement in Thoracoabdominal CT Angiography with Increasing Patient Size: An in Vitro and in Vivo Study. Radiology, 2010, 256, 528-535.	7.3	37
57	CT Radiomic Features of Superior Mesenteric Artery Involvement in Pancreatic Ductal Adenocarcinoma: A Pilot Study. Radiology, 2021, 301, 610-622.	7.3	36
58	Gadoxetate Disodiumâ€"Enhanced Hepatic MRI: Dose-Dependent Contrast Dynamics of Hepatic Parenchyma and Portal Vein. American Journal of Roentgenology, 2011, 196, W18-W24.	2.2	34
59	Hepatocellular Carcinoma Presenting at Contrast-Enhanced Multiâ€"Detector-Row Computed Tomography or Gadolinium-Enhanced Magnetic Resonance Imaging as a Small (â‰¤2 cm), Indeterminate Nodule. Journal of Computer Assisted Tomography, 2012, 36, 20-25.	0.9	34
60	Interdependencies of acquisition, detection, and reconstruction techniques on the accuracy of iodine quantification in varying patient sizes employing dual-energy CT. European Radiology, 2015, 25, 679-686.	4.5	34
61	Characterization of Adrenal Lesions: Comparison of 2D and 3D Dual Gradient-Echo MR Imaging at 3 Tâ€"Preliminary Results. Radiology, 2010, 254, 179-187.	7.3	32
62	Clinical impact of an adaptive statistical iterative reconstruction algorithm for detection of hypervascular liver tumours using a low tube voltage, high tube current MDCT technique. European Radiology, 2013, 23, 3325-3335.	4.5	32
63	Use of a Noise Optimized Monoenergetic Algorithm for Patient-Size Independent Selection of an Optimal Energy Level During Dual-Energy CT of the Pancreas. Journal of Computer Assisted Tomography, 2017, 41, 39-47.	0.9	28
64	LI-RADS: Diagnostic Performance of Hepatobiliary Phase Hypointensity and Major Imaging Features of LR-3 and LR-4 Lesions Measuring 10â€"19 mm With Arterial Phase Hyperenhancement. American Journal of Roentgenology, 2019, 213, W57-W65.	2.2	28
65	Pilot Study Assessing Differentiation of Steatosis Hepatis, Hepatic Iron Overload, and Combined Disease Using Two-Point Dixon MRI at 3 T: In Vitro and In Vivo Results of a 2D Decomposition Technique. American Journal of Roentgenology, 2010, 194, 964-971.	2.2	26
66	Hepatic hemangiomas: Difference in enhancement pattern on 3T MR imaging with gadobenate dimeglumine versus gadoxetate disodium. European Journal of Radiology, 2012, 81, 2457-2462.	2.6	26
67	Renal Lesion Characterization with Spectral CT: Determining the Optimal Energy for Virtual Monoenergetic Reconstruction. Radiology, 2018, 287, 874-883.	7.3	26
68	The role of external beam radiotherapy in the treatment of hepatocellular cancer. Cancer, 2018, 124, 3476-3489.	4.1	26
69	Characterization of Small Incidental Indeterminate Hypoattenuating Hepatic Lesions: Added Value of Single-Phase Contrast-Enhanced Dual-Energy CT Material Attenuation Analysis. American Journal of Roentgenology, 2018, 211, 571-579.	2.2	26
70	ACR Appropriateness CriteriaÂ® Left Lower Quadrant Pain-Suspected Diverticulitis. Journal of the American College of Radiology, 2019, 16, S141-S149.	1.8	26
71	Can virtual monochromatic images from dual-energy CT replace low-kVp images for abdominal contrast-enhanced CT in small- and medium-sized patients?. European Radiology, 2019, 29, 2878-2889.	4.5	25
72	Decreased Detection of Hypovascular Liver Tumors With MDCT in Obese Patients: A Phantom Study. American Journal of Roentgenology, 2011, 196, W772-W776.	2.2	24

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73	Dual-Energy Multi–Detector Row CT with Virtual Monochromatic Imaging for Improving Patient-to-Patient Uniformity of Aortic Enhancement during CT Angiography: An in Vitro and in Vivo Study. Radiology, 2014, 272, 895-902.	7.3	24
74	Hepatocellular carcinoma enhancement on contrast-enhanced CT and MR imaging: response assessment after treatment with sorafenib: preliminary results. Radiologia Medica, 2014, 119, 215-221.	7.7	24
75	ACR Appropriateness Criteria Â® Colorectal CancerÂScreening. Journal of the American College of Radiology, 2018, 15, S56-S68.	1.8	23
76	Diagnostic performance of imaging criteria for distinguishing autoimmune cholangiopathy from primary sclerosing cholangitis and bile duct malignancy. Abdominal Imaging, 2015, 40, 3052-3061.	2.0	22
77	ACR Appropriateness CriteriaÂ® Suspected Small-Bowel Obstruction. Journal of the American College of Radiology, 2020, 17, S305-S314.	1.8	22
78	Gadoxetate Disodium-Enhanced Magnetic Resonance Cholangiography for the Noninvasive Detection of an Active Bile Duct Leak After Laparoscopic Cholecystectomy. Journal of Computer Assisted Tomography, 2010, 34, 213-216.	0.9	21
79	Vascular Artifact Mimicking Thrombosis on MR Imaging Using Ferumoxytol as a Contrast Agent in Abdominal Vascular Assessment. Journal of Vascular and Interventional Radiology, 2014, 25, 969-976.	0.5	21
80	Application of a Novel CT-Based Iliac Artery Calcification Scoring System for Predicting Renal Transplant Outcomes. American Journal of Roentgenology, 2016, 206, 436-441.	2.2	21
81	Effect of deep learning image reconstruction in the prediction of resectability of pancreatic cancer: Diagnostic performance and reader confidence. European Journal of Radiology, 2021, 141, 109825.	2.6	20
82	Detection of Hepatocellular Carcinoma in Patients with Cirrhosis: Added Value of Coronal Reformations from Isotropic Voxels with 64-MDCT. American Journal of Roentgenology, 2009, 192, 180-187.	2.2	19
83	Precision of Iodine Quantification in Hepatic CT: Effects of Iterative Reconstruction With Various Imaging Parameters. American Journal of Roentgenology, 2013, 200, W475-W482.	2.2	19
84	Use of Preprocedural MDCT for Cardiac Implantable Electric Device Lead Extraction: Frequency of Findings That Change Management. American Journal of Roentgenology, 2017, 208, 770-776.	2.2	19
85	Cost-effectiveness of dual-energy CT versus multiphasic single-energy CT and MRI for characterization of incidental indeterminate renal lesions. Abdominal Radiology, 2020, 45, 1896-1906.	2.1	19
86	Nonlinear Image Blending for Dual-Energy MDCT of the Abdomen: Can Image Quality Be Preserved If the Contrast Medium Dose Is Reduced?. American Journal of Roentgenology, 2014, 203, 838-845.	2.2	18
87	Validation of algorithmic CT image quality metrics with preferences of radiologists. Medical Physics, 2019, 46, 4837-4846.	3.0	18
88	Negative Biopsy of Focal Hepatic Lesions: Decision Tree Model for Patient Management. American Journal of Roentgenology, 2019, 212, 677-685.	2.2	18
89	Characterization of Small (< 4 cm) Focal Renal Lesions: Diagnostic Accuracy of Spectral Analysis Using Single-Phase Contrast-Enhanced Dual-Energy CT. American Journal of Roentgenology, 2017, 209, 815-825.	2.2	17
90	Multinodular focal fatty infiltration of the liver: Atypical imaging findings on delayed T1-weighted Gd-BOPTA-enhanced liver-specific MR images. Journal of Magnetic Resonance Imaging, 2006, 24, 690-694.	3.4	16

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91	Effectiveness of a three-dimensional dual gradient echo two-point Dixon technique for the characterization of adrenal lesions at 3 Tesla. European Radiology, 2012, 22, 259-268.	4.5	16
92	Dual-Energy Computed Tomography in Genitourinary Imaging. Radiologic Clinics of North America, 2017, 55, 373-391.	1.8	16
93	Energy-Specific Optimization of Attenuation Thresholds for Low-Energy Virtual Monoenergetic Images in Renal Lesion Evaluation. American Journal of Roentgenology, 2018, 210, W205-W217.	2.2	16
94	Clinical utility of FoundationOne tissue molecular profiling in men with metastatic prostate cancer. Urologic Oncology: Seminars and Original Investigations, 2019, 37, 813.e1-813.e9.	1.6	16
95	Liver Imaging Reporting and Data System (LI-RADS) v2018: diagnostic value of ancillary features favoring malignancy in hypervascular observations â‰¥â‰10Âmm at intermediate (LR-3) and high probability (LR-4) for hepatocellular carcinoma. European Radiology, 2020, 30, 3770-3781.	4.5	16
96	ACR Appropriateness CriteriaÂ® Radiologic Management of Lower Gastrointestinal Tract Bleeding: 2021 Update. Journal of the American College of Radiology, 2021, 18, S139-S152.	1.8	16
97	Gadobenate dimeglumineâ€"enhanced magnetic resonance imaging of primary leiomyoma of the liver. Journal of Magnetic Resonance Imaging, 2008, 28, 755-758.	3.4	15
98	Contrast Material Administration Protocols for 64-MDCT Angiography: Altering Volume and Rate and Use of a Saline Chaser to Better Match the Imaging Windowâ€"Physiologic Phantom Study. American Journal of Roentgenology, 2009, 193, 1568-1575.	2.2	15
99	Focal nodular hyperplasia: Intraindividual comparison of dynamic gadobenate dimeglumine- and ferucarbotran-enhanced magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2007, 25, 775-782.	3.4	14
100	Imaging Approach for Evaluation of Focal Liver Lesions. Clinical Gastroenterology and Hepatology, 2009, 7, 624-634.	4.4	14
101	FDG-PET/CT Characterization of Adrenal Nodules. Academic Radiology, 2013, 20, 923-929.	2.5	14
102	Can combining tripleâ€arterial phase acquisition with fluoroscopic triggering provide both optimal early and late hepatic arterial phase images during gadoxetic acidâ€enhanced MRI?. Journal of Magnetic Resonance Imaging, 2016, 43, 1073-1081.	3.4	14
103	Pilot Evaluation of Angiogenesis Signaling Factor Response after Transcatheter Arterial Embolization for Hepatocellular Carcinoma. Radiology, 2017, 285, 311-318.	7.3	14
104	ACR Appropriateness CriteriaÂ® Crohn Disease. Journal of the American College of Radiology, 2020, 17, S81-S99.	1.8	14
105	Focal Liver Lesions Hyperintense on T1-Weighted Magnetic Resonance Images. Seminars in Ultrasound, CT and MRI, 2009, 30, 436-449.	1.5	13
106	64-section multidetector CT of the upper abdomen: optimization of a saline chaser injection protocol for improved vascular and parenchymal contrast enhancement. European Radiology, 2011, 21, 1938-1947.	4.5	13
107	Image-guided percutaneous drainage vs. surgical repair of gastrointestinal anastomotic leaks: is there a difference in hospital course or hospitalization cost?. Abdominal Imaging, 2015, 40, 1279-1284.	2.0	13
108	High-Pitch Dual-Source MDCT for Imaging of the Thoracoabdominal Aorta: Relationships Among Radiation Dose, Noise, Pitch, and Body Size in a Phantom Experiment and Clinical Study. American Journal of Roentgenology, 2015, 205, 834-839.	2.2	13

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109	ACR Appropriateness CriteriaÂ® Dysphagia. Journal of the American College of Radiology, 2019, 16, S104-S115.	1.8	13
110	Systematic Review and Meta-Analysis Investigating the Diagnostic Yield of Dual-Energy CT for Renal Mass Assessment. American Journal of Roentgenology, 2019, 212, 1044-1053.	2.2	13
111	Comparison of Iodine Quantification and Conventional Attenuation Measurements for Differentiating Small, Truly Enhancing Renal Masses From High-Attenuation Nonenhancing Renal Lesions With Dual-Energy CT. American Journal of Roentgenology, 2019, 213, W26-W37.	2.2	13
112	Strategies to Improve Image Quality on Dual-Energy Computed Tomography. Radiologic Clinics of North America, 2018, 56, 641-647.	1.8	12
113	Variability in Radiation Dose From Repeat Identical CT Examinations: Longitudinal Analysis of 2851 Patients Undergoing 12,635 Thoracoabdominal CT Scans in an Academic Health System. American Journal of Roentgenology, 2017, 208, 1285-1296.	2.2	11
114	Dual-Source Single-Energy Multidetector CT Used to Obtain Multiple Radiation Exposure Levels within the Same Patient: Phantom Development and Clinical Validation. Radiology, 2017, 283, 526-537.	7.3	11
115	CT evaluation of the renal donor and recipient. Abdominal Radiology, 2018, 43, 2574-2588.	2.1	11
116	Computer-aided liver volumetry: performance of a fully-automated, prototype post-processing solution for whole-organ and lobar segmentation based on MDCT imaging. Abdominal Imaging, 2015, 40, 1203-1212.	2.0	10
117	Optimizing window settings for improved presentation of virtual monoenergetic images in dualâ€energy computed tomography. Medical Physics, 2017, 44, 5686-5696.	3.0	10
118	The role of MR imaging in the assessment of renal allograft vasculature. Abdominal Radiology, 2018, 43, 2589-2596.	2.1	10
119	Intratreatment Response Assessment With 18F-FDG PET: Correlation of Semiquantitative PET Features With Pathologic Response of Esophageal Cancer to Neoadjuvant Chemoradiotherapy. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1002-1007.	0.8	10
120	Hepatobiliary phase hypointensity predicts progression to hepatocellular carcinoma for intermediate-high risk observations, but not time to progression. European Journal of Radiology, 2020, 128, 109018.	2.6	10
121	Multisite multivendor validation of a quantitative MRI and CT compatible fat phantom. Medical Physics, 2021, 48, 4375-4386.	3.0	10
122	Design and fabrication of heterogeneous lung nodule phantoms for assessing the accuracy and variability of measured texture radiomics features in CT. Journal of Medical Imaging, 2019, 6, 1.	1.5	10
123	Imaging Advances in Urolithiasis. Journal of Endourology, 2017, 31, 623-629.	2.1	9
124	Use of Dual-Energy Computed Tomography for Evaluation of Genitourinary Diseases. Urologic Clinics of North America, 2018, 45, 297-310.	1.8	9
125	Local Tumor Control and Patient Outcome Using Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: iRECIST as a Potential Substitute for Traditional Criteria. American Journal of Roentgenology, 2019, 213, 1232-1239.	2.2	9
126	Deep learning based spectral extrapolation for dualâ€source, dualâ€energy xâ€ray computed tomography. Medical Physics, 2020, 47, 4150-4163.	3.0	9

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127	CT and MR imaging evaluation of living liver donors. Abdominal Radiology, 2021, 46, 17-28.	2.1	9
128	Effect of varying contrast material iodine concentration and injection technique on the conspicuity of hepatocellular carcinoma during 64-section MDCT of patients with cirrhosis. British Journal of Radiology, 2011, 84, 698-708.	2.2	8
129	Imaging findings of liver resection using a bipolar radiofrequency electrosurgical deviceâ€"Initial observations. European Journal of Radiology, 2012, 81, 663-670.	2.6	8
130	Adrenal Lesions: Spectrum of Imaging Findings with Emphasis on Multi-Detector Computed Tomography and Magnetic Resonance Imaging. Journal of Clinical Imaging Science, 2013, 3, 61.	1.1	8
131	High-Pitch Wide-Coverage Fast-Kilovoltage-Switching Dual-Energy CT: Impact of Pitch on Noise, Spatial Resolution, and Iodine Quantification in a Phantom Study. American Journal of Roentgenology, 2019, 212, W64-W72.	2.2	8
132	ACR Appropriateness CriteriaÂ® Palpable Abdominal Mass-Suspected Neoplasm. Journal of the American College of Radiology, 2019, 16, S384-S391.	1.8	8
133	Systematic analysis of bias and variability of texture measurements in computed tomography. Journal of Medical Imaging, 2019, 6, 1.	1.5	8
134	Dual-Energy CT Vital Iodine Tumor Burden for Response Assessment in Patients With Metastatic GIST Undergoing TKI Therapy: Comparison With Standard CT and FDG PET/CT Criteria. American Journal of Roentgenology, 2022, 218, 659-669.	2.2	8
135	ACR Appropriateness CriteriaÂ® Anorectal Disease. Journal of the American College of Radiology, 2021, 18, S268-S282.	1.8	8
136	Effect of Tumor Size and Tumor-to-Liver Contrast of Hypovascular Liver Tumors on the Diagnostic Performance of Hepatic CT Imaging. Investigative Radiology, 2012, 47, 197-201.	6.2	7
137	New Imaging in Gastrointestinal Tract. Gastroenterology Research and Practice, 2016, 2016, 1-2.	1.5	7
138	Evaluation of Intraindividual Contrast Enhancement Variability for Determining the Maximum Achievable Consistency in CT. American Journal of Roentgenology, 2020, 214, 18-23.	2.2	6
139	Correlation of preoperative imaging characteristics with donor outcomes and operative difficulty in laparoscopic donor nephrectomy. American Journal of Transplantation, 2020, 20, 752-760.	4.7	6
140	ACR Appropriateness CriteriaÂ® Staging of Colorectal Cancer: 2021 Update. Journal of the American College of Radiology, 2022, 19, S208-S222.	1.8	6
141	Effect of radiologistsâ€™ experience with an adaptive statistical iterative reconstruction algorithm on detection of hypervascular liver lesions and perception of image quality. Abdominal Imaging, 2015, 40, 2850-2860.	2.0	5
142	Determination of contrast media administration to achieve a targeted contrast enhancement in computed tomography. Journal of Medical Imaging, 2016, 3, 013501.	1.5	5
143	Tin-filtered low-dose chest CT to quantify macroscopic calcification burden of the thoracic aorta. European Radiology, 2018, 28, 1818-1825.	4.5	5
144	Abdominal Radiography With Digital Tomosynthesis: An Alternative to Computed Tomography for Identification of Urinary Calculi?. Urology, 2018, 120, 56-61.	1.0	5

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145	How frequently does hepatocellular carcinoma develop in at-risk patients with a negative liver MRI examination with intravenous Gadobenate dimeglumine?. Abdominal Radiology, 2021, 46, 969-978.	2.1	5
146	Diagnostic performance of single-phase dual-energy CT to differentiate vascular and nonvascular incidental renal lesions on portal venous phase: comparison with CT. European Radiology, 2021, 31, 9600-9611.	4.5	5
147	Diagnostic accuracy of translucency rendering to differentiate polyps from pseudopolyps at 3D endoluminal CT colonography: a feasibility study. Radiologia Medica, 2010, 115, 758-770.	7.7	4
148	Dual-Energy Multidetector Computed Tomography with Iodine Quantification in the Evaluation of Portal Vein Thrombosis: Is It Possible to Discard the Unenhanced Phase?. Canadian Association of Radiologists Journal, 2015, 66, 348-355.	2.0	4
149	Adoption of Splenic Enhancement to Time and Trigger the Late Hepatic Arterial Phase During MDCT of the Liver: Proof of Concept and Clinical Feasibility. American Journal of Roentgenology, 2016, 207, 310-320.	2.2	4
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