

Takeshi Nakaura

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174
papers

2,608
citations

25
h-index

45
g-index

184
ext. papers

3,265
ext. citations

4.5
avg, IF

4.86
L-index

#	Paper	IF	Citations
174	Abdominal CT with low tube voltage: preliminary observations about radiation dose, contrast enhancement, image quality, and noise. <i>Radiology</i> , 2005 , 237, 945-51	20.5	342
173	Lower tube voltage reduces contrast material and radiation doses on 16-MDCT aortography. <i>American Journal of Roentgenology</i> , 2006 , 187, W490-7	5.4	130
172	Combined use of T2-weighted and diffusion-weighted 3-T MR imaging for differentiating uterine sarcomas from benign leiomyomas. <i>European Radiology</i> , 2009 , 19, 2756-64	8	119
171	Low contrast agent and radiation dose protocol for hepatic dynamic CT of thin adults at 256-detector row CT: effect of low tube voltage and hybrid iterative reconstruction algorithm on image quality. <i>Radiology</i> , 2012 , 264, 445-54	20.5	112
170	Abdominal dynamic CT in patients with renal dysfunction: contrast agent dose reduction with low tube voltage and high tube current-time product settings at 256-detector row CT. <i>Radiology</i> , 2011 , 261, 467-76	20.5	89
169	Hypervascular hepatocellular carcinomas: bolus tracking with a 40-detector CT scanner to time arterial phase imaging. <i>Radiology</i> , 2007 , 243, 140-7	20.5	77
168	Improvement of image quality at CT and MRI using deep learning. <i>Japanese Journal of Radiology</i> , 2019 , 37, 73-80	2.9	72
167	Contrast injection protocols for coronary computed tomography angiography using a 64-detector scanner: comparison between patient weight-adjusted- and fixed iodine-dose protocols. <i>Investigative Radiology</i> , 2008 , 43, 512-9	10.1	65
166	Comparison of standard- and low-tube voltage MDCT angiography in patients with peripheral arterial disease. <i>European Radiology</i> , 2010 , 20, 2758-65	8	60
165	Optimal contrast dose for depiction of hypervascular hepatocellular carcinoma at dynamic CT using 64-MDCT. <i>American Journal of Roentgenology</i> , 2008 , 190, 1003-9	5.4	50
164	Deep Learning Based Noise Reduction for Brain MR Imaging: Tests on Phantoms and Healthy Volunteers. <i>Magnetic Resonance in Medical Sciences</i> , 2020 , 19, 195-206	2.9	50
163	Low-kilovoltage, high-tube-current MDCT of liver in thin adults: pilot study evaluating radiation dose, image quality, and display settings. <i>American Journal of Roentgenology</i> , 2011 , 196, 1332-8	5.4	49
162	A hybrid iterative reconstruction algorithm that improves the image quality of low-tube-voltage coronary CT angiography. <i>American Journal of Roentgenology</i> , 2012 , 198, 1126-31	5.4	49
161	A low tube voltage technique reduces the radiation dose at retrospective ECG-gated cardiac computed tomography for anatomical and functional analyses. <i>Academic Radiology</i> , 2011 , 18, 991-9	4.3	45
160	Radiation Dose Reduction at Pediatric CT: Use of Low Tube Voltage and Iterative Reconstruction. <i>Radiographics</i> , 2018 , 38, 1421-1440	5.4	43
159	Improvement of image quality at low-radiation dose and low-contrast material dose abdominal CT in patients with cirrhosis: intraindividual comparison of low tube voltage with iterative reconstruction algorithm and standard tube voltage. <i>Journal of Computer Assisted Tomography</i> , 2012 , 36, 495-501	2.2	42
158	Reduction of metallic coil artefacts in computed tomography body imaging: effects of a new single-energy metal artefact reduction algorithm. <i>European Radiology</i> , 2016 , 26, 1378-86	8	35

157	Low contrast- and low radiation dose protocol for cardiac CT of thin adults at 256-row CT: usefulness of low tube voltage scans and the hybrid iterative reconstruction algorithm. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 913-23	2.5	32
156	Clinical evaluation of aortic diseases using nonenhanced MRA with ECG-triggered 3D half-Fourier FSE. <i>Journal of Magnetic Resonance Imaging</i> , 2001 , 14, 113-9	5.6	32
155	Myocardial bridging is associated with coronary atherosclerosis in the segment proximal to the site of bridging. <i>Journal of Cardiology</i> , 2014 , 63, 134-9	3	29
154	A low-kilovolt (peak) high-tube current technique improves venous enhancement and reduces the radiation dose at indirect multidetector-row CT venography: initial experience. <i>Journal of Computer Assisted Tomography</i> , 2011 , 35, 141-7	2.2	29
153	Dual-layer DECT for multiphasic hepatic CT with 50 percent iodine load: a matched-pair comparison with a 120kVp protocol. <i>European Radiology</i> , 2018 , 28, 1719-1730	8	28
152	Optimal dose and injection duration (injection rate) of contrast material for depiction of hypervascular hepatocellular carcinomas by multidetector CT. <i>Radiation Medicine</i> , 2007 , 25, 278-88		28
151	Indirect computed tomography venography with a low-tube-voltage technique: reduction in the radiation and contrast material dose--a prospective randomized study. <i>Journal of Computer Assisted Tomography</i> , 2011 , 35, 631-6	2.2	26
150	Magnetic resonance cholangiopancreatography with GRASE sequence at 3.0T: does it improve image quality and acquisition time as compared with 3D TSE?. <i>European Radiology</i> , 2018 , 28, 2436-2443	8	25
149	Cardiac 16-MDCT for anatomic and functional analysis: assessment of a biphasic contrast injection protocol. <i>American Journal of Roentgenology</i> , 2006 , 187, 638-44	5.4	25
148	Machine learning based on multi-parametric magnetic resonance imaging to differentiate glioblastoma multiforme from primary cerebral nervous system lymphoma. <i>European Journal of Radiology</i> , 2018 , 108, 147-154	4.7	24
147	Low-dose contrast protocol using the test bolus technique for 64-detector computed tomography coronary angiography. <i>Japanese Journal of Radiology</i> , 2011 , 29, 457-65	2.9	23
146	Using 80 kVp on a 320-row scanner for hepatic multiphasic CT reduces the contrast dose by 50% in patients at risk for contrast-induced nephropathy. <i>European Radiology</i> , 2017 , 27, 812-820	8	22
145	Prediction of aortic peak enhancement in monophasic contrast injection protocols at multidetector CT: phantom and patient studies. <i>Radiation Medicine</i> , 2007 , 25, 14-21		22
144	Myocardial Late Iodine Enhancement and Extracellular Volume Quantification with Dual-Layer Spectral Detector Dual-Energy Cardiac CT. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e180003	8.3	21
143	Identification and Assessment of Cardiac Amyloidosis by Myocardial Strain Analysis of Cardiac Magnetic Resonance Imaging. <i>Circulation Journal</i> , 2017 , 81, 1014-1021	2.9	21
142	Comparison of iterative model, hybrid iterative, and filtered back projection reconstruction techniques in low-dose brain CT: impact of thin-slice imaging. <i>Neuroradiology</i> , 2016 , 58, 245-51	3.2	21
141	CT texture analysis for the prediction of KRAS mutation status in colorectal cancer via a machine learning approach. <i>European Journal of Radiology</i> , 2019 , 118, 38-43	4.7	21
140	Low-Contrast and Low-Radiation Dose Protocol in Cardiac Computed Tomography: Usefulness of Low Tube Voltage and Knowledge-Based Iterative Model Reconstruction Algorithm. <i>Journal of Computer Assisted Tomography</i> , 2016 , 40, 941-947	2.2	21

139	Impact of Knowledge-Based Iterative Model Reconstruction in Abdominal Dynamic CT With Low Tube Voltage and Low Contrast Dose. <i>American Journal of Roentgenology</i> , 2016 , 206, 687-93	5.4	20
138	A primer for understanding radiology articles about machine learning and deep learning. <i>Diagnostic and Interventional Imaging</i> , 2020 , 101, 765-770	5.4	20
137	Submillisievert Radiation Dose Coronary CT Angiography: Clinical Impact of the Knowledge-Based Iterative Model Reconstruction. <i>Academic Radiology</i> , 2016 , 23, 1393-1401	4.3	19
136	Dual-layer spectral CT improves image quality of multiphasic pancreas CT in patients with pancreatic ductal adenocarcinoma. <i>European Radiology</i> , 2020 , 30, 394-403	8	19
135	Adrenal Adenomas versus Metastases: Diagnostic Performance of Dual-Energy Spectral CT Virtual Noncontrast Imaging and Iodine Maps. <i>Radiology</i> , 2020 , 296, 324-332	20.5	18
134	Measuring hepatic functional reserve using T1 mapping of Gd-EOB-DTPA enhanced 3T MR imaging: A preliminary study comparing with Tc GSA scintigraphy and signal intensity based parameters. <i>European Journal of Radiology</i> , 2017 , 92, 116-123	4.7	17
133	Image quality characteristics for virtual monoenergetic images using dual-layer spectral detector CT: Comparison with conventional tube-voltage images. <i>Physica Medica</i> , 2018 , 49, 5-10	2.7	17
132	Clinical potential of retrospective on-demand spectral analysis using dual-layer spectral detector-computed tomography in ischemia complicating small-bowel obstruction. <i>Emergency Radiology</i> , 2017 , 24, 431-434	3	16
131	Development and validation of a logistic regression model to distinguish transition zone cancers from benign prostatic hyperplasia on multi-parametric prostate MRI. <i>European Radiology</i> , 2017 , 27, 3600-3608	8	16
130	Novel contrast-injection protocol for coronary computed tomographic angiography: contrast-injection protocol customized according to the patient's time-attenuation response. <i>Heart and Vessels</i> , 2014 , 29, 149-55	2.1	15
129	Usefulness of the SPACE pulse sequence at 1.5T MR cholangiography: comparison of image quality and image acquisition time with conventional 3D-TSE sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 38, 1014-9	5.6	15
128	Dual-layer dual-energy computed tomography for the assessment of hypovascular hepatic metastases: impact of closing k-edge on image quality and lesion detectability. <i>European Radiology</i> , 2019 , 29, 2837-2847	8	15
127	Cardiovascular magnetic resonance myocardial T1 mapping to detect and quantify cardiac involvement in familial amyloid polyneuropathy. <i>European Radiology</i> , 2017 , 27, 4631-4638	8	14
126	Epicardial fat volume measured on nongated chest CT is a predictor of coronary artery disease. <i>European Radiology</i> , 2019 , 29, 3638-3646	8	14
125	Machine-learning integration of CT histogram analysis to evaluate the composition of atherosclerotic plaques: Validation with IB-IVUS. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 163-169	2.8	14
124	Myocardial extracellular volume quantification in cardiac CT: comparison of the effects of two different iterative reconstruction algorithms with MRI as a reference standard. <i>European Radiology</i> , 2020 , 30, 691-701	8	13
123	256-Slice coronary computed tomographic angiography in patients with atrial fibrillation: optimal reconstruction phase and image quality. <i>European Radiology</i> , 2016 , 26, 55-63	8	12
122	Diagnosis of small posterior fossa stroke on brain CT: effect of iterative reconstruction designed for brain CT on detection performance. <i>European Radiology</i> , 2017 , 27, 3710-3715	8	12

121	An initial experience of machine learning based on multi-sequence texture parameters in magnetic resonance imaging to differentiate glioblastoma from brain metastases. <i>Journal of the Neurological Sciences</i> , 2020 , 410, 116514	3.2	12
120	Iterative Reconstruction Designed for Brain CT: A Correlative Study With Filtered Back Projection for the Diagnosis of Acute Ischemic Stroke. <i>Journal of Computer Assisted Tomography</i> , 2017 , 41, 884-890 ^{2,2}		11
119	Low-contrast-dose protocol in cardiac CT: 20% contrast dose reduction using 100 kVp and high-tube-current-time setting in 256-slice CT. <i>Acta Radiologica</i> , 2014 , 55, 545-53	2	11
118	Feasibility of Iterative Model Reconstruction for Unenhanced Lumbar CT. <i>Radiology</i> , 2017 , 284, 153-160 ^{20,5}		10
117	CT venography after knee replacement surgery: comparison of dual-energy CT-based monochromatic imaging and single-energy metal artifact reduction techniques on a 320-row CT scanner. <i>Acta Radiologica Open</i> , 2017 , 6, 2058460117693463	1.2	10
116	Machine Learning to Differentiate T2-Weighted Hyperintense Uterine Leiomyomas from Uterine Sarcomas by Utilizing Multiparametric Magnetic Resonance Quantitative Imaging Features. <i>Academic Radiology</i> , 2019 , 26, 1390-1399	4.3	10
115	Aortic and Hepatic Contrast Enhancement During Hepatic-Arterial and Portal Venous Phase Computed Tomography Scanning: Multivariate Linear Regression Analysis Using Age, Sex, Total Body Weight, Height, and Cardiac Output. <i>Journal of Computer Assisted Tomography</i> , 2017 , 41, 309-314	2.2	10
114	Myocardial Extracellular Volume Quantification Using Cardiac Computed Tomography: A Comparison of the Dual-energy Iodine Method and the Standard Subtraction Method. <i>Academic Radiology</i> , 2021 , 28, e119-e126	4.3	10
113	Improved Estimation of Coronary Plaque and Luminal Attenuation Using a Vendor-specific Model-based Iterative Reconstruction Algorithm in Contrast-enhanced CT Coronary Angiography. <i>Academic Radiology</i> , 2017 , 24, 1070-1078	4.3	9
112	Myocardial extracellular volume quantification using CT for the identification of occult cardiac amyloidosis in patients with severe aortic stenosis referred for transcatheter aortic valve replacement. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2019 , 26, 97-98	2.7	9
111	Effect of iterative reconstruction on variability and reproducibility of epicardial fat volume quantification by cardiac CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 150-5	2.8	9
110	Contrast material and radiation dose reduction strategy for triple-rule-out cardiac CT angiography: feasibility study of non-ECG-gated low kVp scan of the whole chest following coronary CT angiography. <i>Acta Radiologica</i> , 2014 , 55, 1186-96	2	9
109	Usefulness of 3D hybrid profile order technique with 3T magnetic resonance cholangiography: Comparison of image quality and acquisition time. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 1346-1353 ^{5,6}		9
108	Low-tube-voltage selection for non-contrast-enhanced CT: Comparison of the radiation dose in pediatric and adult phantoms. <i>Physica Medica</i> , 2016 , 32, 197-201	2.7	9
107	Hybrid of Compressed Sensing and Parallel Imaging Applied to Three-dimensional Isotropic T-weighted Turbo Spin-echo MR Imaging of the Lumbar Spine. <i>Magnetic Resonance in Medical Sciences</i> , 2020 , 19, 48-55	2.9	9
106	Validity of the size-specific dose estimate in adults undergoing coronary CT angiography: comparison with the volume CT dose index. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31 Suppl 2, 205-11	2.5	8
105	Brain computed tomography using iterative reconstruction to diagnose acute middle cerebral artery stroke: usefulness in combination of narrow window setting and thin slice reconstruction. <i>Neuroradiology</i> , 2018 , 60, 373-379	3.2	8
104	Breast dose reduction for chest CT by modifying the scanning parameters based on the pre-scan size-specific dose estimate (SSDE). <i>European Radiology</i> , 2017 , 27, 2267-2274	8	8

103	Images in cardiovascular medicine. Fusion imaging between myocardial perfusion single photon emission computed tomography and cardiac computed tomography. <i>Circulation</i> , 2005 , 112, e47-8	16.7	8
102	The Influence of Iterative Reconstruction on Coronary Artery Calcium Scoring-Phantom and Clinical Studies. <i>Academic Radiology</i> , 2017 , 24, 295-301	4.3	7
101	Radiation dose reduction using 100-kVp and a sinogram-affirmed iterative reconstruction algorithm in adolescent head CT: Impact on grey-white matter contrast and image noise. <i>European Radiology</i> , 2017 , 27, 2717-2725	8	7
100	Low contrast dose protocol involving a 100-kVp tube voltage for hypervascular hepatocellular carcinoma in patients with renal dysfunction. <i>Japanese Journal of Radiology</i> , 2015 , 33, 566-76	2.9	7
99	Application of 80-kVp scan and raw-data-based iterative reconstruction for reduced iodine load abdominal-pelvic CT in patients at risk of contrast-induced nephropathy referred for oncological assessment: effects on radiation dose, image quality and renal function. <i>British Journal of Radiology</i> , 2018 , 91, 20170632	3.4	7
98	Combining quantitative susceptibility mapping to the morphometric index in differentiating between progressive supranuclear palsy and Parkinson disease. <i>Journal of the Neurological Sciences</i> , 2019 , 406, 116443	3.2	7
97	Paradoxical Effect of Cardiac Output on Arterial Enhancement at Computed Tomography: Does Cardiac Output Reduction Simply Result in an Increase in Aortic Peak Enhancement?. <i>Journal of Computer Assisted Tomography</i> , 2017 , 41, 349-353	2.2	7
96	Effect of contrast material injection duration on arterial enhancement at CT in patients with various cardiac indices: Analysis using computer simulation. <i>PLoS ONE</i> , 2018 , 13, e0191347	3.7	7
95	Transluminal attenuation-gradient coronary CT angiography on a 320-MDCT volume scanner: Effect of scan timing, coronary artery stenosis, and cardiac output using a contrast medium flow phantom. <i>Physica Medica</i> , 2016 , 32, 1415-1421	2.7	7
94	Low contrast material dose coronary computed tomographic angiography using a dual-layer spectral detector system in patients at risk for contrast-induced nephropathy. <i>British Journal of Radiology</i> , 2019 , 92, 20180215	3.4	7
93	CT Angiography of Suspected Peripheral Artery Disease: Comparison of Contrast Enhancement in the Lower Extremities of Patients Undergoing and Those Not Undergoing Hemodialysis. <i>American Journal of Roentgenology</i> , 2017 , 208, 1127-1133	5.4	6
92	Quantification of Myocardial Extracellular Volume With Planning Computed Tomography for Transcatheter Aortic Valve Replacement to Identify Occult Cardiac Amyloidosis in Patients With Severe Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010358	3.9	6
91	Radiation Dose Reduction at Low Tube Voltage CCTA Based on the CNR Index. <i>Academic Radiology</i> , 2018 , 25, 1298-1304	4.3	6
90	Model-based Iterative Reconstruction in Low-radiation-dose Computed Tomography Colonography: Preoperative Assessment in Patients with Colorectal Cancer. <i>Academic Radiology</i> , 2018 , 25, 415-422	4.3	6
89	Evaluation of the Effect of Intracoronary Attenuation on Coronary Plaque Measurements Using a Dual-phase Coronary CT Angiography Technique on a 320-row CT Scanner--In Vivo Validation Study. <i>Academic Radiology</i> , 2016 , 23, 315-20	4.3	6
88	Low-contrast dose protection protocol for diagnostic computed tomography in patients at high-risk for contrast-induced nephropathy. <i>Journal of Computer Assisted Tomography</i> , 2013 , 37, 289-96	2.2	6
87	Advanced parametric imaging for evaluation of Crohn disease using dual-energy computed tomography enterography. <i>Radiology Case Reports</i> , 2018 , 13, 709-712	1	6
86	Correlation of left ventricular dyssynchrony on gated myocardial perfusion SPECT analysis with extent of late gadolinium enhancement on cardiac magnetic resonance imaging in hypertrophic cardiomyopathy. <i>Heart and Vessels</i> , 2018 , 33, 623-629	2.1	5

85	Late iodine enhancement and myocardial extracellular volume quantification in cardiac amyloidosis by using dual-energy cardiac computed tomography performed on a dual-layer spectral detector scanner. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2018 , 25, 137-138	2.7	5
84	Compact-bolus dynamic CT protocol with a test bolus technique in 64-MDCT coronary angiography: comparison of fixed injection rate and duration protocol. <i>Japanese Journal of Radiology</i> , 2013 , 31, 115-229	2.9	5
83	Subtracted 3D CT angiography for the evaluation of intracranial aneurysms in 256-slice multidetector CT: usefulness of the 80-kVp plus compact contrast medium bolus protocol. <i>European Radiology</i> , 2013 , 23, 3012-9	8	5
82	Low radiation dose protocol in cardiac CT with 100 kVp: usefulness of display preset optimization. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 1381-9	2.5	5
81	Detection of early enhancement of hypervascular hepatocellular carcinoma using single breath-hold 3D pixel shift dynamic subtraction MDCT. <i>American Journal of Roentgenology</i> , 2008 , 190, W13-8	5.4	5
80	A preliminary study of deep learning-based reconstruction specialized for denoising in high-frequency domain: usefulness in high-resolution three-dimensional magnetic resonance cisternography of the cerebellopontine angle. <i>Neuroradiology</i> , 2021 , 63, 63-71	3.2	5
79	Radiation Dose Reduction With a Low-Tube Voltage Technique for Pediatric Chest Computed Tomographic Angiography Based on the Contrast-to-Noise Ratio Index. <i>Canadian Association of Radiologists Journal</i> , 2018 , 69, 390-396	3.9	5
78	Cerebral bone subtraction CT angiography using 80kVp and sinogram-affirmed iterative reconstruction: contrast medium and radiation dose reduction with improvement of image quality. <i>Neuroradiology</i> , 2017 , 59, 127-134	3.2	4
77	Vectors through a cross-sectional image (VCI): A visualization method for four-dimensional motion analysis for cardiac computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 468-473	2.8	4
76	Metal Artifact Reduction in Head CT Performed for Patients with Deep Brain Stimulation Devices: Effectiveness of a Single-Energy Metal Artifact Reduction Algorithm. <i>American Journal of Neuroradiology</i> , 2020 , 41, 231-237	4.4	4
75	Saturation Recovery Myocardial T Mapping with a Composite Radiofrequency Pulse on a 3T MR Imaging System. <i>Magnetic Resonance in Medical Sciences</i> , 2018 , 17, 35-41	2.9	4
74	CT Angiography in Patients with Peripheral Arterial Disease: Effect of Small Focal Spot Imaging and Iterative Model Reconstruction on the Image Quality. <i>Academic Radiology</i> , 2016 , 23, 1283-9	4.3	4
73	Effect of Patient Characteristics on Vessel Enhancement at Lower Extremity CT Angiography. <i>Korean Journal of Radiology</i> , 2018 , 19, 265-271	6.9	4
72	Multidetector-row CT and quantitative gated SPECT for the assessment of left ventricular function in small hearts: the cardiac physical phantom study using a combined SPECT/CT system. <i>European Radiology</i> , 2006 , 16, 1818-25	8	4
71	Role of Noninvasive Diagnostic Imaging in Cardiac Amyloidosis: A Review. <i>Cardiovascular Imaging Asia</i> , 2018 , 2, 97	0.2	4
70	Contrast enhancement in abdominal computed tomography: influence of photon energy of different scanners. <i>British Journal of Radiology</i> , 2018 , 91, 20170285	3.4	4
69	Deep Learning-based Reconstruction for Lower-Dose Pediatric CT: Technical Principles, Image Characteristics, and Clinical Implementations. <i>Radiographics</i> , 2021 , 41, 1936-1953	5.4	4
68	Contrast Enhancement Boost Technique at Aortic Computed Tomography Angiography: Added Value for the Evaluation of Type II Endoleaks After Endovascular Aortic Aneurysm Repair. <i>Academic Radiology</i> , 2019 , 26, 1435-1440	4.3	3

67	Diagnostic Performance of Dual-Layer Computed Tomography for Deep Vein Thrombosis in Indirect Computed Tomography Venography. <i>Circulation Journal</i> , 2020 , 84, 636-641	2.9	3
66	Reducing artifacts of gadoxetate disodium-enhanced MRI with oxygen inhalation in patients with prior episode of arterial phase motion: intra-individual comparison. <i>Clinical Imaging</i> , 2018 , 52, 11-15	2.7	3
65	Cardiac helical CT involving a low-radiation-dose protocol with a 100-kVp setting: Usefulness of hybrid iterative reconstruction and display preset optimization. <i>Medicine (United States)</i> , 2016 , 95, e5459 ^{1.8}		3
64	The effect of heart rate on coronary plaque measurements in 320-row coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 1977-1985	2.5	3
63	Hepatic fat quantification using automated six-point Dixon: Comparison with conventional chemical shift based sequences and computed tomography. <i>Clinical Imaging</i> , 2017 , 45, 111-117	2.7	3
62	Predictors of coronary heart disease in Japanese patients with type 2 diabetes: Screening for coronary artery stenosis using multidetector computed tomography. <i>Journal of Diabetes Investigation</i> , 2010 , 1, 50-5	3.9	3
61	Conditional generative adversarial networks to generate pseudo low monoenergetic CT image from a single-tube voltage CT scanner. <i>Physica Medica</i> , 2021 , 83, 46-51	2.7	3
60	Dual-Energy Computed Tomography for Evaluating Acute Brain Infarction of Middle Cerebral Artery Territories: Optimization of Voltage Settings in Virtual Monoenergetic Imaging. <i>Journal of Computer Assisted Tomography</i> , 2019 , 43, 460-466	2.2	3
59	Prospective Comparison of 70-kVp Single-Energy CT versus Dual-Energy CT: Which is More Suitable for CT Angiography with Low Contrast Media Dosage?. <i>Academic Radiology</i> , 2020 , 27, e116-e122	4.3	3
58	Unenhanced Dual-Layer Spectral-Detector CT for Characterizing Indeterminate Adrenal Lesions. <i>Radiology</i> , 2021 , 301, 369-378	20.5	3
57	Usefulness of a Low Tube Voltage: Knowledge-Based Iterative Model Reconstruction Algorithm for Computed Tomography Venography. <i>Journal of Computer Assisted Tomography</i> , 2017 , 41, 811-816	2.2	2
56	Relationships between patient characteristics and contrast agent dose for successful computed tomography venography with a body-weight-tailored contrast protocol. <i>Medicine (United States)</i> , 2018 , 97, e0231	1.8	2
55	Additive value of 320-section low-dose dynamic volume CT in relation to 3-T MRI for the preoperative evaluation of brain tumors. <i>Japanese Journal of Radiology</i> , 2016 , 34, 691-699	2.9	2
54	The Usefulness of Dual-Layer Spectral Computed Tomography for Myelography: A Case Report and Review of the Literature. <i>Case Reports in Orthopedics</i> , 2018 , 2018, 1468929	0.4	2
53	Evaluation of pituitary structures and lesions with turbo spin-echo diffusion-weighted imaging. <i>Journal of the Neurological Sciences</i> , 2019 , 405, 116390	3.2	2
52	Effects of a high-pitch protocol and a hybrid iterative reconstruction algorithm on image quality of cerebral subtracted 3D CT angiography. <i>Japanese Journal of Radiology</i> , 2015 , 33, 687-93	2.9	2
51	Basic Concepts of Contrast Injection Protocols for Coronary Computed Tomography Angiography. <i>Current Cardiology Reviews</i> , 2019 , 15, 24-29	2.4	2
50	Perfusion abnormality on three-dimensional arterial spin labeling in patients with acute encephalopathy with biphasic seizures and late reduced diffusion. <i>Journal of the Neurological Sciences</i> , 2020 , 408, 116558	3.2	2

49	Liver fibrosis assessment with multiphasic dual-energy CT: diagnostic performance of iodine uptake parameters. <i>European Radiology</i> , 2021 , 31, 5779-5790	8	2
48	Takotsubo Cardiomyopathy Mimicking Acute Coronary Syndrome - Extracellular Volume Quantification Using Cardiac Computed Tomography. <i>Circulation Journal</i> , 2019 , 83, 1613	2.9	2
47	Base-to-apex gradient pattern of cardiac impairment identified on myocardial T1 mapping in cardiac amyloidosis. <i>Radiology Case Reports</i> , 2019 , 14, 72-74	1	2
46	Evaluating for systemic artery aneurysms using noncontrast magnetic resonance angiography in patients with Kawasaki disease: A report of two cases. <i>Radiology Case Reports</i> , 2021 , 16, 621-627	1	2
45	Dual-energy computed tomography colonography using dual-layer spectral detector computed tomography: Utility of virtual monochromatic imaging for electronic cleansing. <i>European Journal of Radiology</i> , 2018 , 108, 7-12	4.7	2
44	Basal septal perforator vein mimicking the "late iodine enhancement" in delayed phase cardiac CT for myocardial scar assessment. <i>Radiology Case Reports</i> , 2019 , 14, 588-590	1	1
43	Usefulness of Virtual Monochromatic Dual-Layer Computed Tomographic Imaging for Breast Carcinoma. <i>Journal of Computer Assisted Tomography</i> , 2020 , 44, 78-82	2.2	1
42	Clinical Usefulness of Dual-Energy Cardiac Computed Tomography in Acute Coronary Syndrome Using a Dual-Layer Spectral Detector Scanner. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007277	3.9	1
41	3D hybrid profile order technique in a single breath-hold 3D T2-weighted fast spin-echo sequence: Usefulness in diagnosis of small liver lesions. <i>European Journal of Radiology</i> , 2018 , 98, 113-117	4.7	1
40	Dual-region-of-interest bolus-tracking technique for coronary computed tomographic angiography on a 320-row scanner: reduction in the interpatient variability of arterial contrast enhancement. <i>British Journal of Radiology</i> , 2018 , 91, 20170541	3.4	1
39	Clinical potential of dual-energy cardiac CT in cardiac amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2019 , 26, 91-92	2.7	1
38	Decreasing the radiation dose for contrast-enhanced abdominal spectral CT with a half contrast dose: a matched-pair comparison with a 120 kVp protocol. <i>BJR/Open</i> , 2020 , 2, 20200006	1.4	1
37	Prevalence of extracardiac findings in patients undergoing coronary computed tomography and additional low-dose whole-body computed tomography. <i>Japanese Journal of Radiology</i> , 2020 , 38, 144-153	2.9	1
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