

Takeshi Nakaura

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Usefulness of the patient-specific contrast enhancement optimizer simulation software during the whole-body computed tomography angiography.. <i>Heart and Vessels</i> , 2022 , 1	2.1	0
173	Comparison of the effects of varying tube voltage and iodinated concentration on increasing the iodinated radiation dose in computed tomography.. <i>Physica Medica</i> , 2022 , 95, 57-63	2.7	
172	Spectral imaging with dual-layer spectral detector computed tomography for the detection of perfusion defects in acute coronary syndrome.. <i>Heart and Vessels</i> , 2022 , 1	2.1	
171	Hybrid deep-learning-based denoising method for compressed sensing in pituitary MRI: comparison with the conventional wavelet-based denoising method.. <i>European Radiology</i> , 2022 , 1	8	
170	Prediction of Aortic Contrast Enhancement on Dynamic Hepatic Computed Tomography-Performance Comparison of Machine Learning Methods and Simulation Software.. <i>Journal of Computer Assisted Tomography</i> , 2022 , 46, 183-189	2.2	
169	Detection of ventricular thrombi via electron density imaging in non-contrast spectral computed tomography performed to exclude pneumonia: a case report.. <i>European Heart Journal - Case Reports</i> , 2022 , 6, ytac148	0.9	0
168	Radiation dose optimization potential of deep learning-based reconstruction for multiphase hepatic CT: A clinical and phantom study.. <i>European Journal of Radiology</i> , 2022 , 151, 110280	4.7	0
167	Myocardial extracellular volume quantification by cardiac CT in pulmonary hypertension: Comparison with cardiac MRI. <i>European Journal of Radiology</i> , 2022 , 153, 110386	4.7	0
166	Can myocardial susceptibility quantification be an imaging biomarker for cardiac amyloidosis?. <i>Japanese Journal of Radiology</i> , 2021 , 1	2.9	
165	Liver fibrosis assessment with multiphasic dual-energy CT: diagnostic performance of iodine uptake parameters. <i>European Radiology</i> , 2021 , 31, 5779-5790	8	2
164	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
163	Assessment of cardiac implantable electric device lead perforation using a metal artifact reduction algorithm in cardiac computed tomography. <i>European Journal of Radiology</i> , 2021 , 136, 109530	4.7	
162	Identification of Non-ST-Segment Elevation Myocardial Infraction by Virtual Monochromatic Imaging. <i>Circulation Reports</i> , 2021 , 3, 184-185	0.7	1
161	Effects of tube voltage and iodine contrast medium on radiation dose of whole-body CT. <i>Acta Radiologica</i> , 2021 , 2841851211001539	2	
160	USE OF VACUUM MATTRESSES CAN REDUCE THE ABSORBED DOSE DURING PEDIATRIC CT. <i>Radiation Protection Dosimetry</i> , 2021 , 194, 201-207	0.9	0
159	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
158	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

157	Extramammary Paget disease of the hard palate: A case report and review of the literature. <i>Pathology International</i> , 2021 , 71, 216-218	1.8	0
156	Virtual Monochromatic Image Quality from Dual-Layer Dual-Energy Computed Tomography for Detecting Brain Tumors. <i>Korean Journal of Radiology</i> , 2021 , 22, 951-958	6.9	0
155	Non-contrast renal MRA using multi-shot gradient echo EPI at 3-T MRI. <i>European Radiology</i> , 2021 , 31, 5959-5966	8	0
154	Effect of image quality on myocardial extracellular volume quantification using cardiac computed tomography: a phantom study. <i>Acta Radiologica</i> , 2021 , 284185120986938	2	
153	Non-Invasive Imaging in Pulmonary Hypertension - Comprehensive Assessment Using Dual-Layer Spectral Computed Tomography. <i>Circulation Journal</i> , 2021 , 85, 316	2.9	1
152	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
151	Relative Enhancement Ratio of Portal Venous Phase to Unenhanced CT in the Diagnosis of Lipid-poor Adrenal Adenomas. <i>Radiology</i> , 2021 , 301, 360-368	20.5	1
150	Unenhanced Dual-Layer Spectral-Detector CT for Characterizing Indeterminate Adrenal Lesions. <i>Radiology</i> , 2021 , 301, 369-378	20.5	3
149	Three-Dimensional Modified Dixon ECG-Gated Cardiac Magnetic Resonance Imaging in Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012745	3.9	1
148	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
147	Non-contrast mDixon MR angiography of the neck: Comparison with time-of-flight MR angiography in normal subjects.. <i>Medicine (United States)</i> , 2021 , 100, e28351	1.8	0
146	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
145	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
144	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
143	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
142	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
141	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
140	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 ⁹	2.9	1

139	Identification of Wild-Type Transthyretin Cardiac Amyloidosis by Quantifying Myocardial Extracellular Volume Using Cardiac Computed Tomography in Atrial Arrhythmias. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010261	3.9	0
138	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
137	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
136	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
135	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
134	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
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	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
124	Effect of Patient Characteristics on Vessel Enhancement in Pediatric Chest Computed Tomography Angiography. <i>Canadian Association of Radiologists Journal</i> , 2019 , 70, 181-185	3.9	0
123	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
122	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

121	Additive value of split-bolus single-phase CT scan protocol for preoperative assessment of lung cancer patients referred for video-assisted thoracic surgery. <i>Radiological Physics and Technology</i> , 2019 , 12, 409-416	1.7	0
120	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
119	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
118	Basic Concepts of Contrast Injection Protocols for Coronary Computed Tomography Angiography. <i>Current Cardiology Reviews</i> , 2019 , 15, 24-29	2.4	2
117	Coronary arterial microfistulae with meandering dilated coronary arteries and noncompaction-like myocardium. <i>Cardiology Journal</i> , 2019 , 26, 95-96	1.4	
116	Machine learning for CT texture analysis in chemosensitivity of colorectal liver metastases: Initial results.. <i>Journal of Clinical Oncology</i> , 2019 , 37, e15148-e15148	2.2	
115	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
114	Does the Tube Voltage Affect the Characterization of Coronary Plaques on 100- and 120-kVp Computed Tomography Scans. <i>Journal of Computer Assisted Tomography</i> , 2019 , 43, 416-422	2.2	0
113	Contrast enhancement on 100- and 120 kVp hepatic CT scans at thin adults in a retrospective cohort study: Bayesian inference of the optimal enhancement probability. <i>Medicine (United States)</i> , 2019 , 98, e17902	1.8	1
112	Takotsubo Cardiomyopathy Mimicking Acute Coronary Syndrome - Extracellular Volume Quantification Using Cardiac Computed Tomography. <i>Circulation Journal</i> , 2019 , 83, 1613	2.9	2
111	Improvement of image quality at CT and MRI using deep learning. <i>Japanese Journal of Radiology</i> , 2019 , 37, 73-80	2.9	72
110	Usefulness of diluted contrast medium for test-scanning of infants scheduled for contrast-enhanced cardiovascular computed tomography angiography. <i>British Journal of Radiology</i> , 2019 , 92, 20180572	3.4	1
109	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
108	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
107	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
106	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
105	Spiral flow-generating tube for saline chaser improves aortic enhancement in Gd-EOB-DTPA-enhanced hepatic MRI. <i>European Radiology</i> , 2019 , 29, 2009-2016	8	1
104	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

103	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
102	Radiation Dose Reduction at Low Tube Voltage CCTA Based on the CNR Index. <i>Academic Radiology</i> , 2018 , 25, 1298-1304	4.3	6
101	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
100	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
99	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
98	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
97	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
96	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 for Amyloidosis</i> , 2018 , 25, 127-133	2.7	5
95	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
94	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
93	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
92	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, 20170422	3.4	7
91	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
90	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
89	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
88	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
87	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
86	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

85	Role of Noninvasive Diagnostic Imaging in Cardiac Amyloidosis: A Review. <i>Cardiovascular Imaging Asia</i> , 2018 , 2, 97	0.2	4
84	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
83	Development and Validation of Generalized Linear Regression Models to Predict Vessel Enhancement on Coronary CT Angiography. <i>Korean Journal of Radiology</i> , 2018 , 19, 1021-1030	6.9	1
82	Single-Breath-Hold Whole-heart Unenhanced Coronary MRA Using Multi-shot Gradient Echo EPI at 3T: Comparison with Free-breathing Turbo-field-echo Coronary MRA on Healthy Volunteers. <i>Magnetic Resonance in Medical Sciences</i> , 2018 , 17, 161-167	2.9	1
81	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
80	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
79	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
78	Radiation Dose Reduction at Pediatric CT: Use of Low Tube Voltage and Iterative Reconstruction. <i>Radiographics</i> , 2018 , 38, 1421-1440	5.4	43
77	Advanced parametric imaging for evaluation of Crohn's disease using dual-energy computed tomography enterography. <i>Radiology Case Reports</i> , 2018 , 13, 709-712	1	6
76	Feasibility of Iterative Model Reconstruction for Unenhanced Lumbar CT. <i>Radiology</i> , 2017 , 284, 153-160	20.5	10
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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

67	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
66	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
65	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
64	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
63	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
62	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
61	Comparison between multi-shot gradient echo EPI and balanced SSFP in unenhanced 3T MRA of thoracic aorta in healthy volunteers. <i>European Journal of Radiology</i> , 2017 , 96, 85-90	4.7	0
60	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
59	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
58	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
57	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
56	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
55	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
54	Napkin-Ring Sign on Coronary Computed Tomography Angiography-Tiered Enhancement of Coronary Lumen and Plaque. <i>Cardiovascular Imaging Asia</i> , 2017 , 1, 205	0.2	
53	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
52	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
51	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
50	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

49	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
48	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
47	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
46	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
45	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
44	Efficacy of the projection onto convex sets (POCS) algorithm at Gd-EOB-DTPA-enhanced hepatobiliary-phase hepatic MRI. <i>SpringerPlus</i> , 2016 , 5, 1311		0
43	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
42	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 ⁹	5.6	9
41	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
40	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
39	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
38	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
37	Low contrast dose protocol involving a 100kVp tube voltage for hypervascular hepatocellular carcinoma in patients with renal dysfunction. <i>Japanese Journal of Radiology</i> , 2015 , 33, 566-76	2.9	7
36	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
35	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
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