Yasuyuki Yamashita

List of Publications by Year
in descending order

176	2,684	201674 27	302126 39
papers	citations	h-index	g-index

177	177	177	3597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep Learning Based Noise Reduction for Brain MR Imaging: Tests on Phantoms and Healthy Volunteers. Magnetic Resonance in Medical Sciences, 2020, 19, 195-206.	2.0	134
2	Radiation Dose Reduction at Pediatric CT: Use of Low Tube Voltage and Iterative Reconstruction. Radiographics, 2018, 38, 1421-1440.	3.3	84
3	A primer for understanding radiology articles about machine learning and deep learning. Diagnostic and Interventional Imaging, 2020, 101, 765-770.	3.2	78
4	Adrenal Adenomas versus Metastases: Diagnostic Performance of Dual-Energy Spectral CT Virtual Noncontrast Imaging and Iodine Maps. Radiology, 2020, 296, 324-332.	7.3	66
5	Low contrast and radiation dose coronary CT angiography using a 320-row system and a refined contrast injection and timing method. Journal of Cardiovascular Computed Tomography, 2015, 9, 19-27.	1.3	58
6	Value of knowledge-based iterative model reconstruction in low-kV 256-slice coronary CT angiography. Journal of Cardiovascular Computed Tomography, 2014, 8, 115-123.	1.3	53
7	A Knowledge-based Iterative Model Reconstruction Algorithm. Academic Radiology, 2014, 21, 104-110.	2.5	53
8	Myocardial Late Iodine Enhancement and Extracellular Volume Quantification with Dual-Layer Spectral Detector Dual-Energy Cardiac CT. Radiology: Cardiothoracic Imaging, 2019, 1, e180003.	2.5	48
9	Tumor motion changes in stereotactic body radiotherapy for liver tumors: an evaluation based on four-dimensional cone-beam computed tomography and fiducial markers. Radiation Oncology, 2017, 12, 61.	2.7	47
10	Dual-layer spectral CT improves image quality of multiphasic pancreas CT in patients with pancreatic ductal adenocarcinoma. European Radiology, 2020, 30, 394-403.	4.5	46
11	Reliability of MRI-Derived Depth of Invasion of Oral Tongue Cancer. Academic Radiology, 2019, 26, e180-e186.	2.5	45
12	Myocardial bridging is associated with coronary atherosclerosis in the segment proximal to the site of bridging. Journal of Cardiology, 2014, 63, 134-139.	1.9	42
13	Magnetic resonance cholangiopancreatography with GRASE sequence at 3.0T: does it improve image quality and acquisition time as compared with 3D TSE?. European Radiology, 2018, 28, 2436-2443.	4.5	41
14	Machine learning based on multi-parametric magnetic resonance imaging to differentiate glioblastoma multiforme from primary cerebral nervous system lymphoma. European Journal of Radiology, 2018, 108, 147-154.	2.6	41
15	A newly-developed metal artifact reduction algorithm improves the visibility of oral cavity lesions on 320-MDCT volume scans. Physica Medica, 2015, 31, 66-71.	0.7	40
16	Reduction of metallic coil artefacts in computed tomography body imaging: effects of a new single-energy metal artefact reduction algorithm. European Radiology, 2016, 26, 1378-1386.	4.5	40
17	Recent advances in diagnosis and treatment of cardiac amyloidosis. Journal of Cardiology, 2018, 71, 135-143.	1.9	39
18	Effect of branched-chain amino acid supplementation on functional liver regeneration in patients undergoing portal vein embolization and sequential hepatectomy: a randomized controlled trial. Journal of Gastroenterology, 2015, 50, 1197-1205.	5.1	38

#	Article	IF	Citations
19	Dual-layer DECT for multiphasic hepatic CT with 50 percent iodine load: a matched-pair comparison with a 120ÂkVp protocol. European Radiology, 2018, 28, 1719-1730.	4.5	37
20	CT texture analysis for the prediction of KRAS mutation status in colorectal cancer via a machine learning approach. European Journal of Radiology, 2019, 118, 38-43.	2.6	35
21	Dual-layer dual-energy computed tomography for the assessment of hypovascular hepatic metastases: impact of closing k-edge on image quality and lesion detectability. European Radiology, 2019, 29, 2837-2847.	4.5	35
22	Identification and Assessment of Cardiac Amyloidosis by Myocardial Strain Analysis of Cardiac Magnetic Resonance Imaging. Circulation Journal, 2017, 81, 1014-1021.	1.6	34
23	Combination of Commonly Examined Parameters Is a Useful Predictor of Positive ^{99 m}Tc-Labeled Pyrophosphate Scintigraphy Findings in Elderly Patients With Suspected Transthyretin Cardiac Amyloidosis. Circulation Journal, 2019, 83, 1698-1708.	1.6	33
24	Preoperative High Maximum Standardized Uptake Value in Association with Glucose Transporter 1 Predicts Poor Prognosis in Pancreatic Cancer. Annals of Surgical Oncology, 2017, 24, 2040-2046.	1.5	30
25	Trends in Diagnostic Imaging of Cardiac Amyloidosis: Emerging Knowledge and Concepts. Radiographics, 2020, 40, 961-981.	3.3	29
26	Measuring hepatic functional reserve using T1 mapping of Gd-EOB-DTPA enhanced 3T MR imaging: A preliminary study comparing with 99m Tc GSA scintigraphy and signal intensity based parameters. European Journal of Radiology, 2017, 92, 116-123.	2.6	28
27	Using 80 kVp on a 320-row scanner for hepatic multiphasic CT reduces the contrast dose by 50Â% in patients at risk for contrast-induced nephropathy. European Radiology, 2017, 27, 812-820.	4.5	28
28	Image quality assessment of an iterative reconstruction algorithm applied to abdominal CT imaging. Physica Medica, 2014, 30, 527-534.	0.7	27
29	Machine Learning to Differentiate T2-Weighted Hyperintense Uterine Leiomyomas from Uterine Sarcomas by Utilizing Multiparametric Magnetic Resonance Quantitative Imaging Features. Academic Radiology, 2019, 26, 1390-1399.	2.5	27
30	CT-guided percutaneous radiofrequency ablation for lung metastases from colorectal cancer. International Journal of Clinical Oncology, 2019, 24, 288-295.	2.2	27
31	Comparison of iterative model, hybrid iterative, and filtered back projection reconstruction techniques in low-dose brain CT: impact of thin-slice imaging. Neuroradiology, 2016, 58, 245-251.	2.2	25
32	Image quality characteristics for virtual monoenergetic images using dual-layer spectral detector CT: Comparison with conventional tube-voltage images. Physica Medica, 2018, 49, 5-10.	0.7	25
33	Epicardial fat volume measured on nongated chest CT is a predictor of coronary artery disease. European Radiology, 2019, 29, 3638-3646.	4.5	25
34	Impact of Knowledge-Based Iterative Model Reconstruction in Abdominal Dynamic CT With Low Tube Voltage and Low Contrast Dose. American Journal of Roentgenology, 2016, 206, 687-693.	2.2	24
35	Clinical impact of model-based type iterative reconstruction with fast reconstruction time on image quality of low-dose screening chest CT. Acta Radiologica, 2016, 57, 295-302.	1.1	24
36	Clinical usefulness of quantification of myocardial blood flow and flow reserve using CZT-SPECT for detecting coronary artery disease in patients with normal stress perfusion imaging. Journal of Cardiology, 2020, 75, 400-409.	1.9	23

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37	Added value of a single-energy projection-based metal-artifact reduction algorithm for the computed tomography evaluation of oral cavity cancers. Japanese Journal of Radiology, 2015, 33, 650-656.	2.4	22
38	Submillisievert Radiation Dose Coronary CT Angiography. Academic Radiology, 2016, 23, 1393-1401.	2.5	22
39	Development and validation of a logistic regression model to distinguish transition zone cancers from benign prostatic hyperplasia on multi-parametric prostate MRI. European Radiology, 2017, 27, 3600-3608.	4.5	22
40	Shape and Enhancement Characteristics of Pancreatic Neuroendocrine Tumor on Preoperative Contrast-enhanced Computed Tomography May be Prognostic Indicators. Annals of Surgical Oncology, 2017, 24, 1399-1405.	1.5	21
41	An initial experience of machine learning based on multi-sequence texture parameters in magnetic resonance imaging to differentiate glioblastoma from brain metastases. Journal of the Neurological Sciences, 2020, 410, 116514.	0.6	21
42	Effects of Deep Learning Reconstruction Technique in High-Resolution Non-contrast Magnetic Resonance Coronary Angiography at a 3-Tesla Machine. Canadian Association of Radiologists Journal, 2021, 72, 120-127.	2.0	21
43	Hybrid of Compressed Sensing and Parallel Imaging Applied to Three-dimensional Isotropic T₂-weighted Turbo Spin-echo MR Imaging of the Lumbar Spine. Magnetic Resonance in Medical Sciences, 2020, 19, 48-55.	2.0	20
44	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. Neuroradiology, 2021, 63, 63-71.	2.2	20
45	Correlation Between Extent of Myocardial Fibrosis Assessed by Cardiac Magnetic Resonance and Cardiac Troponin T Release in Patients With Nonischemic Heart Failure. American Journal of Cardiology, 2014, 113, 1697-1704.	1.6	19
46	Effect of a hydrophilic and a hydrophobic statin on cardiac salvage after ST-elevated acute myocardial infarction â€“ A pilot study. Atherosclerosis, 2014, 237, 251-258.	0.8	19
47	Plan quality and delivery time comparisons between volumetric modulated arc therapy and intensity modulated radiation therapy for scalp angiosarcoma: A planning study. Journal of Medical Radiation Sciences, 2018, 65, 39-47.	1.5	19
48	Tumor/normal esophagus ratio in 18F-fluorodeoxyglucose positron emission tomography/computed tomography for response and prognosis stratification after neoadjuvant chemotherapy for esophageal squamous cell carcinoma. Journal of Gastroenterology, 2016, 51, 788-795.	5.1	18
49	Clinical potential of retrospective on-demand spectral analysis using dual-layer spectral detector-computed tomography in ischemia complicating small-bowel obstruction. Emergency Radiology, 2017, 24, 431-434.	1.8	18
50	Myocardial extracellular volume quantification in cardiac CT: comparison of the effects of two different iterative reconstruction algorithms with MRI as a reference standard. European Radiology, 2020, 30, 691-701.	4.5	18
51	Effect of contrast material injection duration on arterial enhancement at CT in patients with various cardiac indices: Analysis using computer simulation. PLoS ONE, 2018, 13, e0191347.	2.5	18
52	Cardiovascular magnetic resonance myocardial T1 mapping to detect and quantify cardiac involvement in familial amyloid polyneuropathy. European Radiology, 2017, 27, 4631-4638.	4.5	17
53	Perfusion abnormality on three-dimensional arterial spin labeling with a 3T MR system in pediatric and adolescent patients with migraine. Journal of the Neurological Sciences, 2018, 395, 41-46.	0.6	16
54	Combining quantitative susceptibility mapping to the morphometric index in differentiating between progressive supranuclear palsy and Parkinson's disease. Journal of the Neurological Sciences, 2019, 406, 116443.	0.6	16

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55	Balloon-occluded arterial infusion therapy in the treatment of primary and recurrent gynecologic malignancies. CardioVascular and Interventional Radiology, 1989, 12, 188-195.	2.0	15
56	Impact of hybrid FDG-PET/CT on gross tumor volume definition of cervical esophageal cancer: reducing interobserver variation. Journal of Radiation Research, 2019, 60, 348-352.	1.6	15
57	Low contrast material dose coronary computed tomographic angiography using a dual-layer spectral detector system in patients at risk for contrast-induced nephropathy. British Journal of Radiology, 2019, 92, 20180215.	2.2	15
58	Heat shock treatment with mild electrical stimulation safely reduced inflammatory markers in healthy male subjects. Obesity Research and Clinical Practice, 2010, 4, e101-e109.	1.8	14
59	Optimized Subtraction Coronary CTÂAngiography Protocol for Clinical Use with Short Breath-Holding Timeâ€"Initial Experience. Academic Radiology, 2015, 22, 117-120.	2.5	14
60	Usefulness of 3D hybrid profile order technique with 3T magnetic resonance cholangiography: Comparison of image quality and acquisition time. Journal of Magnetic Resonance Imaging, 2016, 44, 1346-1353.	3.4	14
61	Sentinel lymph node biopsy reduces the incidence of secondary neck metastasis in patients with oral squamous cell carcinoma. Molecular and Clinical Oncology, 2016, 5, 57-60.	1.0	14
62	256-Slice coronary computed tomographic angiography in patients with atrial fibrillation: optimal reconstruction phase and image quality. European Radiology, 2016, 26, 55-63.	4.5	14
63	Low-contrast-dose protocol in cardiac CT: 20% contrast dose reduction using 100â€‰kVp and high-tube-current-time setting in 256-slice CT. Acta Radiologica, 2014, 55, 545-553.	1.1	13
64	Evaluation of the relationship between T 1 Ï•and T 2 values and patella cartilage degeneration in patients of the same age group. European Journal of Radiology, 2015, 84, 463-468.	2.6	13
65	The essence of the Japan Radiological Society/Japanese College of Radiology Imaging Guideline. Japanese Journal of Radiology, 2016, 34, 43-79.	2.4	13
66	Improved Estimation of Coronary Plaque and Luminal Attenuation Using a Vendor-specific Model-based Iterative Reconstruction Algorithm in Contrast-enhanced CT Coronary Angiography. Academic Radiology, 2017, 24, 1070-1078.	2.5	13
67	Low-tube-voltage selection for non-contrast-enhanced CT: Comparison of the radiation dose in pediatric and adult phantoms. Physica Medica, 2016, 32, 197-201.	0.7	12
68	Effect of Esophagus Position on Surgical Difficulty and Postoperative Morbidities After Thoracoscopic Esophagectomy. Seminars in Thoracic and Cardiovascular Surgery, 2016, 28, 172-179.	0.6	12
69	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. Acta Radiologica Open, 2017, 6, 205846011769346.	0.6	12
70	Diagnosis of small posterior fossa stroke on brain CT: effect of iterative reconstruction designed for brain CT on detection performance. European Radiology, 2017, 27, 3710-3715.	4.5	12
71	Nonâ€Val30Met mutation, septal hypertrophy, and cardiac denervation in patients with mutant transthyretin amyloidosis. ESC Heart Failure, 2019, 6, 122-130.	3.1	12
72	Automatic exposure control at single- and dual-heartbeat CTCA on a 320-MDCT volume scanner: Effect of heart rate, exposure phase window setting, and reconstruction algorithm. Physica Medica, 2014, 30, 385-390.	0.7	11

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73	Feasibility of Iterative Model Reconstruction for Unenhanced Lumbar CT. Radiology, 2017, 284, 153-160.	7.3	11
74	Correlation between microvascular dysfunction and B-type natriuretic peptide levels in non-ischemic heart failure patients with cardiac fibrosis. International Journal of Cardiology, 2017, 228, 881-885.	1.7	11
75	Breast dose reduction for chest CT by modifying the scanning parameters based on the pre-scan size-specific dose estimate (SSDE). European Radiology, 2017, 27, 2267-2274.	4.5	11
76	Brain computed tomography using iterative reconstruction to diagnose acute middle cerebral artery stroke: usefulness in combination of narrow window setting and thin slice reconstruction. Neuroradiology, 2018, 60, 373-379.	2.2	11
77	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. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2019, 26, 97-98.	3.0	11
78	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. Acta Radiologica, 2014, 55, 1186-1196.	1.1	10
79	Validity of the size-specific dose estimate in adults undergoing coronary CT angiography: comparison with the volume CT dose index. International Journal of Cardiovascular Imaging, 2015, 31, 205-211.	1.5	10
80	¹²³I-MIBG myocardial scintigraphy for the evaluation of Lewy body disease: are delayed images essential? Is visual assessment useful?. British Journal of Radiology, 2016, 89, 20160144.	2.2	10
81	Effect of iterative reconstruction on variability and reproducibility of epicardial fat volume quantification by cardiac CT. Journal of Cardiovascular Computed Tomography, 2016, 10, 150-155.	1.3	10
82	Reducing the Radiation Dose forÂCT Colonography. Academic Radiology, 2016, 23, 155-162.	2.5	10
83	Appropriate imaging utilization in Japan: a survey of accredited radiology training hospitals. Japanese Journal of Radiology, 2017, 35, 648-654.	2.4	10
84	Hepatic sclerosed hemangioma with special attention to diffusion-weighted magnetic resonance imaging. Surgical Case Reports, 2018, 4, 3.	0.6	10
85	Circumventricular organs of human brain visualized on post-contrast 3D fluid-attenuated inversion recovery imaging. Neuroradiology, 2018, 60, 583-590.	2.2	10
86	Contrast Enhancement Boost Technique at Aortic Computed Tomography Angiography: Added Value for the Evaluation of Type II Endoleaks After Endovascular Aortic Aneurysm Repair. Academic Radiology, 2019, 26, 1435-1440.	2.5	10
87	Impact of 99mTc-GSA SPECT Image-Guided Inverse Planning on Doseâ€“Function Histogram Parameters for Stereotactic Body Radiation Therapy Planning for Patients With Hepatocellular Carcinoma: A Dosimetric Comparison Study. Dose-Response, 2019, 17, 155932581983214.	1.6	10
88	Perfusion abnormality on three-dimensional arterial spin labeling in patients with acute encephalopathy with biphasic seizures and late reduced diffusion. Journal of the Neurological Sciences, 2020, 408, 116558.	0.6	10
89	Basic Concepts of Contrast Injection Protocols for Coronary Computed Tomography Angiography. Current Cardiology Reviews, 2018, 15, 24-29.	1.5	10
90	Low contrast dose protocol involving a 100ÂkVp tube voltage for hypervascular hepatocellular carcinoma in patients with renal dysfunction. Japanese Journal of Radiology, 2015, 33, 566-576.	2.4	9

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91	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. Physica Medica, 2016, 32, 1415-1421.	0.7	9
92	Radiation therapy for nasopharyngeal carcinoma: the predictive value of interim survival assessment. Journal of Radiation Research, 2016, 57, 541-547.	1.6	9
93	Diagnosis of dementia with Lewy bodies: can¹²³I-IMP and¹²³I-MIBG scintigraphy yield new core features?. British Journal of Radiology, 2017, 90, 20160156.	2.2	9
94	Radiation dose reduction using 100-kVp and a sinogram-affirmed iterative reconstruction algorithm in adolescent head CT: Impact on greyâ€“white matter contrast and image noise. European Radiology, 2017, 27, 2717-2725.	4.5	9
95	Dual-energy computed tomography colonography using dual-layer spectral detector computed tomography: Utility of virtual monochromatic imaging for electronic cleansing. European Journal of Radiology, 2018, 108, 7-12.	2.6	9
96	Single-breath-hold whole-heart coronary MRA in healthy volunteers at 3.0-T MRI. SpringerPlus, 2014, 3, 667.	1.2	8
97	Improved image quality at 256-slice coronary CT angiography in patients with a high heart rate and coronary artery disease: comparison with 64-slice CT imaging. Acta Radiologica, 2015, 56, 1308-1314.	1.1	8
98	Prediction of sentinel lymph node status using single-photon emission computed tomography (SPECT)/computed tomography (CT) imaging of breast cancer. Surgery Today, 2016, 46, 214-223.	1.5	8
99	Cerebral bone subtraction CT angiography using 80ÂkVp and sinogram-affirmed iterative reconstruction: contrast medium and radiation dose reduction with improvement of image quality. Neuroradiology, 2017, 59, 127-134.	2.2	8
100	The Influence of Iterative Reconstruction on Coronary Artery Calcium Scoringâ€”Phantom and Clinical Studies. Academic Radiology, 2017, 24, 295-301.	2.5	8
101	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. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2018, 25, 137-138.	3.0	8
102	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. British Journal of Radiology, 2018, 91, 20170632.	2.2	8
103	Late gadolinium enhancement on cardiac magnetic resonance imaging is associated with coronary endothelial dysfunction in patients with dilated cardiomyopathy. Heart and Vessels, 2018, 33, 393-402.	1.2	8
104	Dual-Energy Computed Tomography for Evaluating Acute Brain Infarction of Middle Cerebral Artery Territories: Optimization of Voltage Settings in Virtual Monoenergetic Imaging. Journal of Computer Assisted Tomography, 2019, 43, 460-466.	0.9	8
105	Prospective Comparison of 70-kVp Single-Energy CT versus Dual-Energy CT: Which is More Suitable for CT Angiography with Low Contrast Media Dosage?. Academic Radiology, 2020, 27, e116-e122.	2.5	8
106	Metal Artifact Reduction in Head CT Performed for Patients with Deep Brain Stimulation Devices: Effectiveness of a Single-Energy Metal Artifact Reduction Algorithm. American Journal of Neuroradiology, 2020, 41, 231-237.	2.4	8
107	Doseâ€“function Histogram Evaluation Using 99mTc-GSA SPECT/CT Images for Stereotactic Body Radiation Therapy Planning for Hepatocellular Carcinoma Patients: A Dosimetric Parameter Comparison. Anticancer Research, 2018, 38, 1511-1516.	1.1	8
108	Model-based Iterative Reconstruction in Low-radiation-dose Computed Tomography Colonography. Academic Radiology, 2018, 25, 415-422.	2.5	7

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109	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. British Journal of Radiology, 2018, 91, 20170541.	2.2	7
110	Emergency radiology after a massive earthquake: clinical perspective. Japanese Journal of Radiology, 2018, 36, 641-648.	2.4	7
111	Advanced parametric imaging for evaluation of Crohn's disease using dual-energy computed tomography enterography. Radiology Case Reports, 2018, 13, 709-712.	0.6	7
112	Comprehensive assessment of takotsubo cardiomyopathy by cardiac computed tomography. Emergency Radiology, 2019, 26, 109-112.	1.8	7
113	A diagnostic strategy for Lewy body disease using DAT-SPECT, MIBG and Combined index. Annals of Nuclear Medicine, 2020, 34, 415-423.	2.2	7
114	Incidence and risk factors of synchronous colorectal cancer in patients with esophageal cancer: an analysis of 480 consecutive colonoscopies before surgery. International Journal of Clinical Oncology, 2016, 21, 1079-1084.	2.2	6
115	Relationship between diverse patient body size- and image acquisition-related factors, and quantitative and qualitative image quality in coronary computed tomography angiography: a multicenter observational study. Japanese Journal of Radiology, 2016, 34, 548-555.	2.4	6
116	Evaluation of the Effect of Intracoronary Attenuation on Coronary Plaque Measurements Using a Dual-phase Coronary CT Angiography Technique on a 320-row CT Scannerâ€"In Vivo Validation Study. Academic Radiology, 2016, 23, 315-320.	2.5	6
117	Reducing artifacts of gadoxetate disodium-enhanced MRI with oxygen inhalation in patients with prior episode of arterial phase motion: intra-individual comparison. Clinical Imaging, 2018, 52, 11-15.	1.5	6
118	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. Heart and Vessels, 2018, 33, 623-629.	1.2	6
119	Contrast enhancement in abdominal computed tomography: influence of photon energy of different scanners. British Journal of Radiology, 2018, 91, 20170285.	2.2	6
120	Teaching NeuroImages: Morphology of lumbosacral dorsal root ganglia and plexus in hereditary transthyretin amyloidosis. Neurology, 2018, 91, e1834-e1835.	1.1	6
121	Utility of Single-Photon Emission Computed Tomography/Computed Tomography Fusion Imaging With ^{99 m}Tc-Pyrophosphate Scintigraphy in the Assessment of Cardiac Transthyretin Amyloidosis. Circulation Journal, 2018, 82, 1970-1971.	1.6	6
122	Usefulness of Virtual Monochromatic Dual-Layer Computed Tomographic Imaging for Breast Carcinoma. Journal of Computer Assisted Tomography, 2020, 44, 78-82.	0.9	6
123	Liver Function in Areas of Hepatic Venous Congestion After Hepatectomy for Liver Cancer: 99mTc-GSA SPECT/CT Fused Imaging Study. Anticancer Research, 2018, 38, 3089-3095.	1.1	6
124	(99m)Tc-GSA SPECT/CT fused images for assessment of hepatic function and hepatectomy planning. Annals of Translational Medicine, 2015, 3, 17.	1.7	6
125	Hybrid deep-learning-based denoising method for compressed sensing in pituitary MRI: comparison with the conventional wavelet-based denoising method. European Radiology, 2022, 32, 4527-4536.	4.5	6
126	Efficacy of the projection onto convex sets (POCS) algorithm at Gd-EOB-DTPA-enhanced hepatobiliary-phase hepatic MRI. SpringerPlus, 2016, 5, 1311.	1.2	5

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127	CT Angiography in Patients with Peripheral Arterial Disease. Academic Radiology, 2016, 23, 1283-1289.	2.5	5
128	Vectors through a cross-sectional image (VCI): A visualization method for four-dimensional motion analysis for cardiac computed tomography. Journal of Cardiovascular Computed Tomography, 2017, 11, 468-473.	1.3	5
129	Concurrent chemoradiotherapy with S-1 in patients with stage IIIâ€“IV oral squamous cell carcinoma: A retrospective analysis of nodal classification based on the neck node level. Molecular and Clinical Oncology, 2017, 7, 140-144.	1.0	5
130	Cardiac diffusion-weighted magnetic resonance imaging for assessment of cardiac metastasis. European Heart Journal Cardiovascular Imaging, 2018, 19, 683-683.	1.2	5
131	Saturation Recovery Myocardial T₁ Mapping with a Composite Radiofrequency Pulse on a 3T MR Imaging System. Magnetic Resonance in Medical Sciences, 2018, 17, 35-41.	2.0	5
132	Effect of metal-containing topical agents on surface doses received during external irradiation. Journal of Radiation Research, 2018, 59, 794-799.	1.6	5
133	Diagnostic Performance of ¹²³I-FPCIT SPECT Specific Binding Ratio in Progressive Supranuclear Palsy: Use of Core Clinical Features and MRI for Comparison. American Journal of Roentgenology, 2020, 215, 1443-1448.	2.2	5
134	Virtual Monochromatic Image Quality from Dual-Layer Dual-Energy Computed Tomography for Detecting Brain Tumors. Korean Journal of Radiology, 2021, 22, 951.	3.4	5
135	Predictors of coronary heart disease in Japanese patients with type 2 diabetes: Screening for coronary artery stenosis using multidetector computed tomography. Journal of Diabetes Investigation, 2010, 1, 50-55.	2.4	4
136	Late gadolinium enhancement on cardiac magnetic resonance predicts coronary vasomotor abnormality and myocardial lactate production in patients with chronic heart failure. Heart and Vessels, 2016, 31, 1969-1979.	1.2	4
137	Hepatic fat quantification using automated six-point Dixon: Comparison with conventional chemical shift based sequences and computed tomography. Clinical Imaging, 2017, 45, 111-117.	1.5	4
138	3D hybrid profile order technique in a single breath-hold 3D T2-weighted fast spin-echo sequence: Usefulness in diagnosis of small liver lesions. European Journal of Radiology, 2018, 98, 113-117.	2.6	4
139	Four-dimensional cone-beam computed tomography-guided radiotherapy for gastric lymphoma. Japanese Journal of Radiology, 2018, 36, 159-163.	2.4	4
140	Impact of Repeated Hepatectomy on Liver Regeneration in Hepatocellular Carcinoma: A Propensity Score-based Analysis. Anticancer Research, 2019, 39, 965-970.	1.1	4
141	Efficacy of repeated balloon venoplasty for treatment of hepatic venous outflow obstruction after pediatric livingâ€donor liver transplantation: A singleâ€institution experience. Pediatric Transplantation, 2019, 23, e13522.	1.0	4
142	Takotsubo Cardiomyopathy Mimicking Acute Coronary Syndromeã€€â€• Extracellular Volume Quantification Using Cardiac Computed Tomography â€•. Circulation Journal, 2019, 83, 1613.	1.6	4
143	Diagnostic Performance of Dual-Layer Computed Tomography for Deep Vein Thrombosis in Indirect Computed Tomography Venography. Circulation Journal, 2020, 84, 636-641.	1.6	4
144	Quantification of myocardial perfusion reserve using dynamic SPECT images of patients with chronic kidney disease. Journal of Cardiology, 2018, 71, 174-180.	1.9	4

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145	Role of Noninvasive Diagnostic Imaging in Cardiac Amyloidosis: A Review. Cardiovascular Imaging Asia, 2018, 2, 97.	0.1	4
146	Comparison between multi-shot gradient echo EPI and balanced SSFP in unenhanced 3T MRA of thoracic aorta in healthy volunteers. European Journal of Radiology, 2017, 96, 85-90.	2.6	3
147	Successful transarterial embolization with cellulose porous beads for occipital haemangioma in an infant with Kasabach-Merritt syndrome. BJR|case Reports, 2017, 3, 20170004.	0.2	3
148	Shunt-preserving disconnection of the portal to systemic circulation in patients with hepatic encephalopathy. Acta Radiologica, 2018, 59, 441-447.	1.1	3
149	Differentiating between Alzheimer Disease Patients and Controls with Phase-difference-enhanced Imaging at 3T: A Feasibility Study. Magnetic Resonance in Medical Sciences, 2018, 17, 283-292.	2.0	3
150	Additive Value of 3T 3D CISS Imaging to Conventional MRI for Assessing the Abnormal Vessels of Spinal Dural Arteriovenous Fistulae. Magnetic Resonance in Medical Sciences, 2018, 17, 218-222.	2.0	3
151	The effect of heart rate on coronary plaque measurements in 320-row coronary CT angiography. International Journal of Cardiovascular Imaging, 2018, 34, 1977-1985.	1.5	3
152	Tc-99m PMT scintigraphy in the diagnosis of pediatric biliary atresia. Japanese Journal of Radiology, 2019, 37, 841-849.	2.4	3
153	Basal septal perforator vein mimicking the â€œlate iodine enhancementâ€•in delayed phase cardiac CT for myocardial scar assessment. Radiology Case Reports, 2019, 14, 588-590.	0.6	3
154	Base-to-apex gradient pattern of cardiac impairment identified on myocardial T1 mapping in cardiac amyloidosis. Radiology Case Reports, 2019, 14, 72-74.	0.6	3
155	Spiral flow-generating tube for saline chaser improves aortic enhancement in Gd-EOB-DTPA-enhanced hepatic MRI. European Radiology, 2019, 29, 2009-2016.	4.5	3
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