Fuminari Tatsugami

List of Publications by Year
in descending order

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47 papers	1,806 citations	394286 19 h-index	265120 42 g-index
51 all docs	51 docs citations	51 times ranked	1609 citing authors

#	Article	IF	Citations
1	A longitudinal pilot study to assess temporal changes in coronary arterial 18F-sodium fluoride uptake. Journal of Nuclear Cardiology, 2023, 30, 1158-1165.	1.4	3
2	Dual-energy CT: minimal essentials for radiologists. Japanese Journal of Radiology, 2022, 40, 547-559.	1.0	25
3	Triaging of COVID-19 patients using low dose chest CT: Incidence and factor analysis of lung involvement on CT images. Journal of Infection and Chemotherapy, 2022, 28, 797-801.	0.8	2
4	Clinical implications of 18F-sodium fluoride uptake in subclinical aortic valve calcification: Its relation to coronary atherosclerosis and its predictive value. Journal of Nuclear Cardiology, 2021, 28, 1522-1531.	1.4	7
5	Optimal Phosphate Control Related to Coronary Artery Calcification in Dialysis Patients. Journal of the American Society of Nephrology: JASN, 2021, 32, 723-735.	3.0	41
6	Incidence and factor analysis of laryngohyoid fractures in hanging individualsâ€"computed tomography study. European Radiology, 2021, 31, 7827-7833.	2.3	5
7	Computer Simulation of the Effects of Contrast Protocols on Aortic Signal Intensity on Magnetic Resonance Angiograms. Current Medical Imaging, 2021, 17, 396-403.	0.4	0
8	Advanced CT techniques for assessing hepatocellular carcinoma. Radiologia Medica, 2021, 126, 925-935.	4.7	45
9	Accuracy of thin-slice model-based iterative reconstruction designed for brain CT to diagnose acute ischemic stroke in the middle cerebral artery territory: a multicenter study. Neuroradiology, 2021, 63, 2013-2021.	1.1	2
10	Deep Learning Reconstruction at CT: Phantom Study of the Image Characteristics. Academic Radiology, 2020, 27, 82-87.	1.3	154
11	Relationship between coronary arterial 18F-sodium fluoride uptake and epicardial adipose tissue analyzed using computed tomography. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1746-1756.	3.3	10
12	Measurement of coronary artery calcium volume using ultra-high-resolution computed tomography: A preliminary phantom and cadaver study. European Journal of Radiology Open, 2020, 7, 100253.	0.7	8
13	Individual Optimization of Contrast Media Injection Protocol at Hepatic Dynamic Computed Tomography Using Patient-Specific Contrast Enhancement Optimizer. Journal of Computer Assisted Tomography, 2020, 44, 230-235.	0.5	5
14	Neointimal formation after carotid artery stenting: phantom and clinical evaluation of model-based iterative reconstruction (MBIR). European Radiology, 2019, 29, 161-167.	2.3	13
15	Deep Learningâ€"based CT Image Reconstruction: Initial Evaluation Targeting Hypovascular Hepatic Metastases. Radiology: Artificial Intelligence, 2019, 1, e180011.	3.0	52
16	The feasibility of contrast-enhanced spectral mammography immediately after contrast-enhanced CT. Radiological Physics and Technology, 2019, 12, 277-282.	1.0	3
17	Deep learningâ€"based image restoration algorithm for coronary CT angiography. European Radiology, 2019, 29, 5322-5329.	2.3	175
18	Contrast Material Injection Protocol With the Dose Determined According to Lean Body Weight at Hepatic Dynamic Computed Tomography: Comparison Among Patients With Different Body Mass Indices. Journal of Computer Assisted Tomography, 2019, 43, 736-740.	0.5	7

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19	Clinical application of radiation dose reduction at abdominal CT. European Journal of Radiology, 2019, 111, 68-75.	1.2	21
20	Improvement of image quality at CT and MRI using deep learning. Japanese Journal of Radiology, 2019, 37, 73-80.	1.0	134
21	Minimizing individual variations in arterial enhancement on coronary CT angiographs using â€œcontrast enhancement optimizerâ€: a prospective randomized single-center study. European Radiology, 2019, 29, 2998-3005.	2.3	17
22	Diagnostic accuracy of in-stent restenosis using model-based iterative reconstruction at coronary CT angiography: initial experience. British Journal of Radiology, 2018, 91, 20170598.	1.0	4
23	Quantification of the salivary volume flow rate in the parotid duct using the timeâ€spatial labeling inversion pulse (Timeâ€SLIP) technique at MRI: A feasibility study. Journal of Magnetic Resonance Imaging, 2018, 47, 928-935.	1.9	4
24	Introduction to the Technical Aspects of Computed Diffusion-weighted Imaging for Radiologists. Radiographics, 2018, 38, 1131-1144.	1.4	37
25	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.	1.1	18
26	Lung cancer screening with ultra-low dose CT using full iterative reconstruction. Japanese Journal of Radiology, 2017, 35, 179-189.	1.0	24
27	Coronary Artery Stent Evaluation with Model-based Iterative Reconstruction at Coronary CT Angiography. Academic Radiology, 2017, 24, 975-981.	1.3	34
28	18F-sodium fluoride positron emission tomography for molecular imaging of coronary atherosclerosis based on computed tomography analysis. Atherosclerosis, 2017, 263, 385-392.	0.4	52
29	Data on analysis of coronary atherosclerosis on computed tomography and 18F-sodium fluoride positron emission tomography. Data in Brief, 2017, 13, 341-345.	0.5	6
30	Visualization of simulated small vessels on computed tomography using a model-based iterative reconstruction technique. Data in Brief, 2017, 13, 437-443.	0.5	24
31	DNA damage in lymphocytes induced by cardiac CT and comparison with physical exposure parameters. European Radiology, 2017, 27, 1660-1666.	2.3	17
32	Effect of the Motion Correction Technique on Image Quality at 320-Detector Computed Tomography Coronary Angiography in Patients With Atrial Fibrillation. Journal of Computer Assisted Tomography, 2016, 40, 603-608.	0.5	5
33	Coronary CT angiography in patients with implanted cardiac devices: initial experience with the metal artefact reduction technique. British Journal of Radiology, 2016, 89, 20160493.	1.0	13
34	Diffusion-weighted MR imaging of non-complicated hepatic cysts: Value of 3T computed diffusion-weighted imaging. European Journal of Radiology Open, 2016, 3, 138-144.	0.7	7
35	Radiation dose reduction for coronary artery calcium scoring at 320-detector CT with adaptive iterative dose reduction 3D. International Journal of Cardiovascular Imaging, 2015, 31, 1045-1052.	0.7	23
36	A new technique for noise reduction at coronary CT angiography with multi-phase data-averaging and non-rigid image registration. European Radiology, 2015, 25, 41-48.	2.3	7

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37	Cerebral blood flow in transient hypothyroidism after thyroidectomy: Arterial spin labeling magnetic resonance study. Neuroendocrinology Letters, 2015, 36, 545-51.	0.2	0
38	Prediction of Aortic Enhancement on Coronary CTA Images Using a Test Bolus of Diluted Contrast Material. Academic Radiology, 2014, 21, 1542-1546.	1.3	12
39	Age- and sex-related differences in coronary plaque high-risk features in patients with acute coronary syndrome assessed by computed tomography angiography. International Journal of Cardiology, 2014, 174, 744-747.	0.8	7
40	Measurement of Electron Density and Effective Atomic Number by Dual-Energy Scan Using a 320-Detector Computed Tomography Scanner with Raw Data-Based Analysis. Journal of Computer Assisted Tomography, 2014, 38, 824-827.	0.5	22
41	Reduction of Interpatient Variability of Arterial Enhancement Using a New Bolus Tracking System in 320-Detector Computed Tomographic Coronary Angiography. Journal of Computer Assisted Tomography, 2013, 37, 79-83.	0.5	9
42	Body Size-Adapted Dose of Contrast Material and Scanning Protocol in 320-Detector Row CT Coronary Angiography. Journal of Computer Assisted Tomography, 2011, 35, 475-479.	0.5	6
43	Feasibility of Low-volume Injections of Contrast Material with a Body Weightâ€“Adapted Iodine-Dose Protocol in 320-Detector Row Coronary CT Angiography. Academic Radiology, 2010, 17, 207-211.	1.3	40
44	Evaluation of a Body Mass Indexâ€“Adapted Protocol for Low-Dose 64-MDCT Coronary Angiography with Prospective ECG Triggering. American Journal of Roentgenology, 2009, 192, 635-638.	1.0	84
45	Accuracy of low-dose computed tomography coronary angiography using prospective electrocardiogram-triggering: first clinical experience. European Heart Journal, 2008, 29, 3037-3042.	1.0	125
46	Feasibility of low-dose coronary CT angiography: first experience with prospective ECG-gating. European Heart Journal, 2007, 29, 191-197.	1.0	479
47	Hepatic Computed Tomography for Simultaneous Depiction of Hepatocellular Carcinoma, Intrahepatic Portal Veins, and Hepatic Veins in Real-time Virtual Sonography. Journal of Ultrasound in Medicine, 2007, 26, 1065-1069.	0.8	15