Fuminari Tatsugami

List of Publications by Year
in descending order

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	Feasibility of low-dose coronary CT angiography: first experience with prospective ECG-gating. European Heart Journal, 2007, 29, 191-197.	1.0	479
2	Deep learning–based image restoration algorithm for coronary CT angiography. European Radiology, 2019, 29, 5322-5329.	2.3	175
3	Deep Learning Reconstruction at CT: Phantom Study of the Image Characteristics. Academic Radiology, 2020, 27, 82-87.	1.3	154
4	Improvement of image quality at CT and MRI using deep learning. Japanese Journal of Radiology, 2019, 37, 73-80.	1.0	134
5	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
6	Evaluation of a Body Mass Index–Adapted Protocol for Low-Dose 64-MDCT Coronary Angiography with Prospective ECG Triggering. American Journal of Roentgenology, 2009, 192, 635-638.	1.0	84
7	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
8	Deep Learning–based CT Image Reconstruction: Initial Evaluation Targeting Hypovascular Hepatic Metastases. Radiology: Artificial Intelligence, 2019, 1, e180011.	3.0	52
9	Advanced CT techniques for assessing hepatocellular carcinoma. Radiologia Medica, 2021, 126, 925-935.	4.7	45
10	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
11	Feasibility of Low-volume Injections of Contrast Material with a Body Weight–Adapted Iodine-Dose Protocol in 320-Detector Row Coronary CT Angiography. Academic Radiology, 2010, 17, 207-211.	1.3	40
12	Introduction to the Technical Aspects of Computed Diffusion-weighted Imaging for Radiologists. Radiographics, 2018, 38, 1131-1144.	1.4	37
13	Coronary Artery Stent Evaluation with Model-based Iterative Reconstruction at Coronary CT Angiography. Academic Radiology, 2017, 24, 975-981.	1.3	34
14	Dual-energy CT: minimal essentials for radiologists. Japanese Journal of Radiology, 2022, 40, 547-559.	1.0	25
15	Lung cancer screening with ultra-low dose CT using full iterative reconstruction. Japanese Journal of Radiology, 2017, 35, 179-189.	1.0	24
16	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
17	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
18	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

#	Article	IF	Citations
19	Clinical application of radiation dose reduction at abdominal CT. European Journal of Radiology, 2019, 111, 68-75.	1.2	21
20	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
21	DNA damage in lymphocytes induced by cardiac CT and comparison with physical exposure parameters. European Radiology, 2017, 27, 1660-1666.	2.3	17
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	Incidence and factor analysis of laryngohyoid fractures in hanging individuals—computed tomography study. European Radiology, 2021, 31, 7827-7833.	2.3	5
40	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
41	Quantification of the salivary volume flow rate in the parotid duct using the time–spatial labeling inversion pulse (Time–SLIP) technique at MRI: A feasibility study. Journal of Magnetic Resonance Imaging, 2018, 47, 928-935.	1.9	4
42	The feasibility of contrast-enhanced spectral mammography immediately after contrast-enhanced CT. Radiological Physics and Technology, 2019, 12, 277-282.	1.0	3
43	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
44	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
45	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
46	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
47	Cerebral blood flow in transient hypothyroidism after thyroidectomy: Arterial spin labeling magnetic resonance study. Neuroendocrinology Letters, 2015, 36, 545-51.	0.2	0