Kakuya Kitagawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9289510/publications.pdf

Version: 2024-02-01

58 papers	2,698 citations	279798 23 h-index	182427 51 g-index
58 all docs	58 docs citations	58 times ranked	2939 citing authors

#	Article	IF	Citations
1	Late Gadolinium Enhancement by Cardiovascular Magnetic Resonance Heralds an Adverse Prognosis in Nonischemic Cardiomyopathy. Journal of the American College of Cardiology, 2008, 51, 2414-2421.	2.8	535
2	Computed tomography angiography and perfusion to assess coronary artery stenosis causing perfusion defects by single photon emission computed tomography: the CORE320 study. European Heart Journal, 2014, 35, 1120-1130.	2.2	385
3	Adenosine Stress 64- and 256-Row Detector Computed Tomography Angiography and Perfusion Imaging. Circulation: Cardiovascular Imaging, 2009, 2, 174-182.	2.6	305
4	Native T1 Mapping and Extracellular Volume Mapping for the Assessment of Diffuse Myocardial Fibrosis in DilatedÂCardiomyopathy. JACC: Cardiovascular Imaging, 2018, 11, 48-59.	5.3	175
5	Diagnostic Performance of Combined Noninvasive Coronary Angiography and Myocardial Perfusion Imaging Using 320-MDCT: The CT Angiography and Perfusion Methods of the CORE320 Multicenter Multinational Diagnostic Study. American Journal of Roentgenology, 2011, 197, 829-837.	2.2	113
6	Diagnosis of obstructive coronary artery disease using computed tomography angiography in patients with stable chest pain depending on clinical probability and in clinically important subgroups: meta-analysis of individual patient data. BMJ: British Medical Journal, 2019, 365, l1945.	2.3	99
7	Acute Myocardial Infarction: Myocardial Viability Assessment in Patients Early Thereafterâ€"Comparison of Contrast-enhanced MR Imaging with Resting201Tl SPECT. Radiology, 2003, 226, 138-144.	7.3	97
8	Late gadolinium-enhanced magnetic resonance imaging in acute and chronic myocardial infarction. Journal of the American College of Cardiology, 2005, 45, 901-909.	2.8	84
9	Prognostic Value of Combined CT Angiography and Myocardial Perfusion Imaging versus Invasive Coronary Angiography and Nuclear Stress Perfusion Imaging in the Prediction of Major Adverse Cardiovascular Events: The CORE320 Multicenter Study. Radiology, 2017, 284, 55-65.	7.3	74
10	CT of the chest with model-based, fully iterative reconstruction: comparison with adaptive statistical iterative reconstruction. BMC Medical Imaging, 2013, 13, 27.	2.7	55
11	Prospective ECG-gated 320 row detector computed tomography: implications for CT angiography and perfusion imaging. International Journal of Cardiovascular Imaging, 2009, 25, 201-208.	1.5	49
12	Estimation of myocardial extracellular volume fraction with cardiac CT in subjects without clinical coronary artery disease: A feasibility study. Journal of Cardiovascular Computed Tomography, 2016, 10, 237-241.	1.3	46
13	ASCI 2010 appropriateness criteria for cardiac computed tomography: a report of the Asian Society of Cardiovascular Imaging cardiac computed tomography and cardiac magnetic resonance imaging guideline Working Group. International Journal of Cardiovascular Imaging, 2010, 26, 1-15.	1.5	44
14	Incremental Prognostic Value of Myocardial Blood Flow Quantified WithÂStress Dynamic Computed Tomography Perfusion Imaging. JACC: Cardiovascular Imaging, 2019, 12, 1379-1387.	5.3	44
15	Underestimation of myocardial blood flow by dynamic perfusion CT: Explanations by two-compartment model analysis and limited temporal sampling of dynamic CT. Journal of Cardiovascular Computed Tomography, 2016, 10, 207-214.	1.3	41
16	Dose reduction in dynamic CT stress myocardial perfusion imaging: comparison of 80-kV/370-mAs and 100-kV/300-mAs protocols. European Radiology, 2014, 24, 748-755.	4.5	40
17	Deep learning image reconstruction for improvement of image quality of abdominal computed tomography: comparison with hybrid iterative reconstruction. Japanese Journal of Radiology, 2021, 39, 598-604.	2.4	39
18	Dynamic Myocardial Perfusion CT for the Detection of Hemodynamically Significant Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 75-87.	5.3	37

#	Article	IF	Citations
19	Cardiovascular magnetic resonance feature tracking for characterization of patients with heart failure with preserved ejection fraction: correlation of global longitudinal strain with invasive diastolic functional indices. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 42.	3.3	32
20	Application of Low Tube Potentials inÂCCTA. JACC: Cardiovascular Imaging, 2020, 13, 425-434.	5.3	29
21	Myocardial delayed enhancement with dual-source CT: Advantages of targeted spatial frequency filtration and image averaging over half-scan reconstruction. Journal of Cardiovascular Computed Tomography, 2014, 8, 289-298.	1.3	28
22	Diagnostic accuracy of stress myocardial perfusion MRI and late gadolinium-enhanced MRI for detecting flow-limiting coronary artery disease: a multicenter study. European Radiology, 2008, 18, 2808-2816.	4.5	24
23	Comparison of the different imaging time points in delayed phase cardiac CT for myocardial scar assessment and extracellular volume fraction estimation in patients with old myocardial infarction. International Journal of Cardiovascular Imaging, 2019, 35, 917-926.	1.5	24
24	ASCI 2010 appropriateness criteria for cardiac magnetic resonance imaging: a report of the Asian Society of Cardiovascular Imaging cardiac computed tomography and cardiac magnetic resonance imaging guideline working group. International Journal of Cardiovascular Imaging, 2010, 26, 173-186.	1.5	22
25	Endocardialâ€“epicardial distribution of myocardial perfusion reserve assessed by multidetector computed tomography in symptomatic patients without significant coronary artery disease: insights from the CORE320 multicentre study. European Heart Journal Cardiovascular Imaging, 2016, 17, 779-787.	1.2	21
26	Comparison of Displacement Encoding With Stimulated Echoes to Magnetic Resonance Feature Tracking for the Assessment of Myocardial Strain in Patients With Acute Myocardial Infarction. American Journal of Cardiology, 2017, 119, 1542-1547.	1.6	21
27	Preoperative transcatheter arterial infusion chemotherapy for locally advanced breast cancer (stage) Tj ETQq1 1 0.784314 rgBT /Over	2.6	19
28	Prognostic impact of unrecognized myocardial scar in the non-culprit territories by cardiac magnetic resonance imaging in patients with acute myocardial infarction. European Heart Journal Cardiovascular Imaging, 2018, 19, 108-116.	1.2	17
29	Prognostic Value of Stress Dynamic Computed Tomography Perfusion With Computed Tomography Delayed Enhancement. JACC: Cardiovascular Imaging, 2020, 13, 1721-1734.	5.3	16
30	Diagnostic Performance of Dynamic Myocardial Perfusion Imaging Using Dual-Source Computed Tomography. Journal of the American College of Cardiology, 2021, 78, 1937-1949.	2.8	16
31	Relationship of left ventricular mass to coronary atherosclerosis and myocardial ischaemia: the CORE320 multicenter study. European Heart Journal Cardiovascular Imaging, 2015, 16, 166-176.	1.2	14
32	Contrast-Enhanced High-Resolution MRI of Invasive Breast Cancer:Correlation with Histopathologic Subtypes. American Journal of Roentgenology, 2004, 183, 1805-1809.	2.2	13
33	Differences in fatty acid metabolic disorder between ischemic myocardium and doxorubicin-induced myocardial damage: assessment using BMIPP dynamic SPECT with analysis by the Rutland method. Journal of Nuclear Medicine, 2002, 43, 1286-94.	5.0	13
34	Diagnostic Accuracy of Endocardial-to-Epicardial Myocardial Blood Flow Ratio for the Detection of Significant Coronary Artery Disease With Dynamic Myocardial Perfusion Dual-Source Computed Tomography. Circulation Journal, 2017, 81, 1477-1483.	1.6	12
35	Feasibility of extracellular volume fraction calculation using myocardial CT delayed enhancement with low contrast media administration. Journal of Cardiovascular Computed Tomography, 2020, 14, 524-528.	1.3	12
36	Altered coronary endothelial function in young smokers detected by magnetic resonance assessment of myocardial blood flow during the cold pressor test. International Journal of Cardiovascular Imaging, 2014, 30, 73-80.	1.5	10

#	Article	IF	Citations
37	Data on correlation between CT-derived and MRI-derived myocardial extracellular volume. Data in Brief, 2016, 7, 1045-1047.	1.0	9
38	Prognostic value of noninvasive combined anatomic/functional assessment by cardiac CT in patients with suspected coronary artery disease â€" Comparison with invasive coronary angiography and nuclear myocardial perfusion imaging for the five-year-follow up of the CORE320 multicenter study. Journal of Cardiovascular Computed Tomography, 2021, 15, 485-491.	1.3	9
39	Thallium?201 SPECT and Low?Dose Dobutamine Stress Cine MRI for Predicting Functional Recovery of Regional Myocardial Contraction in Patients with Myocardial Infarction. Journal of Cardiovascular Magnetic Resonance, 2004, 6, 697-707.	3.3	8
40	Myocardial Coverage and Radiation Dose in Dynamic Myocardial Perfusion Imaging Using Third-Generation Dual-Source CT. Korean Journal of Radiology, 2020, 21, 58.	3.4	8
41	Quantification of extracellular volume fraction by cardiac computed tomography for noninvasive assessment of myocardial fibrosis in hemodialysis patients. Scientific Reports, 2020, 10, 15367.	3.3	7
42	Diagnostic value of late gadolinium-enhanced MRI and first-pass dynamic MRI for predicting functional recovery in patients after acute myocardial infarction. Radiation Medicine, 2007, 25, 263-271.	0.8	6
43	Detection of diminished response to cold pressor test in smokers: Assessment using phase-contrast cine magnetic resonance imaging of the coronary sinus. Magnetic Resonance Imaging, 2014, 32, 217-223.	1.8	6
44	Dynamic CT Perfusion Imaging: State of the Art. Cardiovascular Imaging Asia, 2018, 2, 38.	0.1	6
45	Clinical Validation of the Accuracy of Absolute Myocardial Blood Flow Quantification with Dual-Source CT Using ¹⁵O-Water PET. Radiology: Cardiothoracic Imaging, 2021, 3, e210060.	2.5	6
46	Prognostic importance of acute phase extracellular volume evaluated by cardiac magnetic resonance imaging for patients with acute myocardial infarction. International Journal of Cardiovascular Imaging, 2021, 37, 3285-3297.	1.5	5
47	Diagnostic accuracy of semi-automatic quantitative metrics as an alternative to expert reading of CT myocardial perfusion in the CORE320 study. Journal of Cardiovascular Computed Tomography, 2018, 12, 212-219.	1.3	4
48	Fractal Analysis of Dynamic Stress CT-Perfusion Imaging for Detection ofÂHemodynamically Relevant CoronaryÂArtery Disease. JACC: Cardiovascular Imaging, 2022, , .	5.3	4
49	Prognostic Value of Cardiac CT Delayed Enhancement Imaging in Patients With Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2021, 14, 1674-1675.	5.3	3
50	Hyperemic myocardial blood flow in patients with atrial fibrillation before and after catheter ablation: A dynamic stress CT perfusion study. Physiological Reports, 2021, 9, e15123.	1.7	3
51	Assessment of coronary flow velocity reserve with phase-contrast cine magnetic resonance imaging in patients with heavy coronary calcification. International Journal of Cardiovascular Imaging, 2019, 35, 897-905.	1.5	2
52	Assessment of Myocardial Ischemia Using Stress Perfusion Cardiovascular Magnetic Resonance. Cardiovascular Imaging Asia, 2018, 2, 65.	0.1	2
53	Semi-Quantitative Scoring of Late Gadolinium Enhancement of the Left Ventricle in Patients with Ischemic Cardiomyopathy: Improving Interobserver Reliability and Agreement Using Consensus Guidance from the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT) 2020. Korean Journal of Radiology, 2022, 23, 298.	3.4	2
54	Usefulness of dictionary learning-based processing for improving image quality of sub-millisievert low-dose chest CT: initial experience. Japanese Journal of Radiology, 2020, 38, 215-221.	2.4	1

#	Article	IF	Citations
55	Semi-Quantitative Scoring of Late Gadolinium Enhancement of the Left Ventricle in Patients with Ischemic Cardiomyopathy: Consensus Statement from the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT) 2020. Cardiovascular Imaging Asia, 2021, 5, 26.	0.1	1
56	Feasibility of Stress-Alone Cardiac CT for Detecting Hemodynamically Significant Coronary Stenosis in the Presence of High Coronary Calcium Score and Coronary Stents. Cardiovascular Imaging Asia, 2017, 1, 38.	0.1	1
57	CTâ€™s Role for Myocardial Viability Assessment. Contemporary Medical Imaging, 2019, , 829-845.	0.4	0
58	Isolated Right Ventricular Apical Hypoplasia: A Case Report with 18 Years of Follow Up. Cardiovascular Imaging Asia, 2021, 5, 51.	0.1	0