

Noriko Oyama-Manabe

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

1,907
citations

279798

23
h-index

289244

40
g-index

103
all docs

103
docs citations

103
times ranked

2865
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of 18-h fasting with low-carbohydrate diet preparation on suppressed physiological myocardial 18F-fluorodeoxyglucose (FDG) uptake and possible minimal effects of unfractionated heparin use in patients with suspected cardiac involvement sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 244-252.	2.1	142
2	Associations among the plasma amino acid profile, obesity, and glucose metabolism in Japanese adults with normal glucose tolerance. <i>Nutrition and Metabolism</i> , 2016, 13, 5.	3.0	131
3	Validation Study on the Accuracy of Echocardiographic Measurements of Right Ventricular Systolic Function in Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 280-286.	2.8	125
4	Identifying Triple-Negative Breast Cancer Using Background Parenchymal Enhancement Heterogeneity on Dynamic Contrast-Enhanced MRI: A Pilot Radiomics Study. <i>PLoS ONE</i> , 2015, 10, e0143308.	2.5	110
5	Quantification of myocardial blood flow using dynamic 320-row multi-detector CT as compared with 15O-H ₂ O PET. <i>European Radiology</i> , 2014, 24, 1547-1556.	4.5	87
6	Comparison of 18F-fluorodeoxyglucose positron emission tomography (FDG PET) and cardiac magnetic resonance (CMR) in corticosteroid-naive patients with conduction system disease due to cardiac sarcoidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 259-269.	6.4	73
7	Systemic Oxidative Stress Is Associated With Lower Aerobic Capacity and Impaired Skeletal Muscle Energy Metabolism in Patients With Metabolic Syndrome. <i>Diabetes Care</i> , 2013, 36, 1341-1346.	8.6	60
8	IgG4-related Cardiovascular Disease from the Aorta to the Coronary Arteries: Multidetector CT and PET/CT. <i>Radiographics</i> , 2018, 38, 1934-1948.	3.3	60
9	Characteristics of immunoglobulin G4-related aortitis/periaortitis and periarteritis on fluorodeoxyglucose positron emission tomography/computed tomography co-registered with contrast-enhanced computed tomography. <i>EJNMMI Research</i> , 2017, 7, 20.	2.5	57
10	Elevated 18F-fluorodeoxyglucose uptake in the interventricular septum is associated with atrioventricular block in patients with suspected cardiac involvement sarcoidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1558-1566.	6.4	50
11	Identification and further differentiation of subendocardial and transmural myocardial infarction by fast strain-encoded (SENC) magnetic resonance imaging at 3.0 Tesla. <i>European Radiology</i> , 2011, 21, 2362-2368.	4.5	42
12	Right atrial volume and reservoir function are novel independent predictors of clinical worsening in patients with pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 414-423.	0.6	41
13	Imaging characteristics of cardiac dominant diffuse large B-cell lymphoma demonstrated with MDCT and PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1337-1344.	6.4	40
14	Right ventricular 18F-FDG uptake is an important indicator for cardiac involvement in patients with suspected cardiac sarcoidosis. <i>Annals of Nuclear Medicine</i> , 2014, 28, 656-663.	2.2	40
15	Delayed contrast-enhanced computed tomography in patients with known or suspected cardiac sarcoidosis: A feasibility study. <i>European Radiology</i> , 2017, 27, 4054-4063.	4.5	36
16	Use of 18F-FDG PET/CT texture analysis to diagnose cardiac sarcoidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1240-1247.	6.4	36
17	Simple prediction of right ventricular ejection fraction using tricuspid annular plane systolic excursion in pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1799-1805.	1.5	31
18	Single-slice epicardial fat area measurement: do we need to measure the total epicardial fat volume?. <i>Japanese Journal of Radiology</i> , 2011, 29, 104-109.	2.4	30

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19	Paradoxical Interventricular Septal Motion as a Major Determinant of Late Gadolinium Enhancement in Ventricular Insertion Points in Pulmonary Hypertension. PLoS ONE, 2013, 8, e66724.	2.5	30
20	Differences in morphological features and minimum apparent diffusion coefficient values among breast cancer subtypes using 3-tesla MRI. European Journal of Radiology, 2016, 85, 96-102.	2.6	30
21	Quantification of myocardial blood flow with dynamic perfusion 3.0 Tesla MRI: Validation with ¹⁵ O-water PET. Journal of Magnetic Resonance Imaging, 2015, 42, 754-762.	3.4	29
22	Clinical associations of total kidney volume: the Framingham Heart Study. Nephrology Dialysis Transplantation, 2017, 32, gfw237.	0.7	29
23	Lower aerobic capacity was associated with abnormal intramuscular energetics in patients with metabolic syndrome. Hypertension Research, 2011, 34, 1029-1034.	2.7	26
24	Volume-based glucose metabolic analysis of FDG PET/CT: The optimum threshold and conditions to suppress physiological myocardial uptake. Journal of Nuclear Cardiology, 2019, 26, 909-918.	2.1	24
25	Comparison between borderline ovarian tumors and carcinomas using semi-automated histogram analysis of diffusion-weighted imaging: focusing on solid components. Japanese Journal of Radiology, 2016, 34, 229-237.	2.4	23
26	¹⁸ F-FMISO PET/CT detects hypoxic lesions of cardiac and extra-cardiac involvement in patients with sarcoidosis. Journal of Nuclear Cardiology, 2021, 28, 2141-2148.	2.1	23
27	Regional interaction between myocardial sympathetic denervation, contractile dysfunction, and fibrosis in heart failure with preserved ejection fraction: ¹¹ C-hydroxyephedrine PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1897-1905.	6.4	22
28	Attenuated right ventricular energetics evaluated using ¹¹ C-acetate PET in patients with pulmonary hypertension. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1240-1250.	6.4	21
29	The strain-encoded (SENC) MR imaging for detection of global right ventricular dysfunction in pulmonary hypertension. International Journal of Cardiovascular Imaging, 2013, 29, 371-378.	1.5	20
30	¹⁸ F-fluoromisonidazole (FMISO) PET may have the potential to detect cardiac sarcoidosis. Journal of Nuclear Cardiology, 2017, 24, 329-331.	2.1	20
31	Progressive left ventricular dysfunction and myocardial fibrosis in Duchenne and Becker muscular dystrophy: a longitudinal cardiovascular magnetic resonance study. Pediatric Cardiology, 2019, 40, 384-392.	1.3	20
32	Multimodality evaluation of cardiac sarcoidosis. Journal of Nuclear Cardiology, 2012, 19, 621-624.	2.1	16
33	Prognostic Value of ¹⁸ F-FDG PET Using Texture Analysis in Cardiac Sarcoidosis. JACC: Cardiovascular Imaging, 2020, 13, 1096-1097.	5.3	16
34	Intramyocellular lipid is increased in the skeletal muscle of patients with dilated cardiomyopathy with lowered exercise capacity. International Journal of Cardiology, 2014, 176, 1110-1112.	1.7	15
35	Which is the proper reference tissue for measuring the change in FDG PET metabolic volume of cardiac sarcoidosis before and after steroid therapy?. EJNMMI Research, 2018, 8, 94.	2.5	15
36	The role of multimodality imaging in takotsubo cardiomyopathy. Journal of Nuclear Cardiology, 2019, 26, 1602-1616.	2.1	15

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37	Improved regional myocardial blood flow and flow reserve after coronary revascularization as assessed by serial 15O-water positron emission tomography/computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 36-46.	1.2	15
38	Multimodality Evaluation of Cardiac Paraganglioma. <i>Clinical Nuclear Medicine</i> , 2012, 37, 599-601.	1.3	12
39	Qualitative and Quantitative Assessments of Cardiac Sarcoidosis Using ^{18}F -FDG PET. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 117-120.	0.2	12
40	Cardiac Hematological Malignancies: Typical Growth Patterns, Imaging Features, and Clinical Outcome. <i>Angiology</i> , 2018, 69, 170-176.	1.8	12
41	Dynamic MR Findings of Ductal Carcinoma in Situ within a Fibroadenoma. <i>Magnetic Resonance in Medical Sciences</i> , 2011, 10, 129-132.	2.0	11
42	Clinical Applications of 4D Flow MR Imaging in Aortic Valvular and Congenital Heart Disease. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 319-326.	2.0	11
43	Blood flow dynamics with four-dimensional flow cardiovascular magnetic resonance in patients with aortic stenosis before and after transcatheter aortic valve replacement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 81.	3.3	11
44	Cardiac fibroma with high ^{18}F -FDG uptake mimicking malignant tumor. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 323-324.	2.1	10
45	Positron emission tomography/MRI for cardiac diseases assessment. <i>British Journal of Radiology</i> , 2020, 93, 20190836.	2.2	10
46	The Role of Multimodality Imaging in Cardiac Sarcoidosis. <i>Korean Circulation Journal</i> , 2021, 51, 561.	1.9	10
47	PET/CT scanning with 3D acquisition is feasible for quantifying myocardial blood flow when diagnosing coronary artery disease. <i>EJNMMI Research</i> , 2017, 7, 52.	2.5	9
48	The rate of myocardial perfusion recovery after steroid therapy and its implication for cardiac events in cardiac sarcoidosis and primarily preserved left ventricular ejection fraction. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1745-1756.	2.1	9
49	POEMS Syndrome Showing Left Ventricular Dysfunction and Extracellular Edema Assessed by Cardiac Magnetic Resonance Imaging. <i>Internal Medicine</i> , 2019, 58, 2539-2543.	0.7	8
50	Predicting metastasis in clinically negative axillary lymph nodes with minimum apparent diffusion coefficient value in luminal A-like breast cancer. <i>Breast Cancer</i> , 2019, 26, 628-636.	2.9	8
51	Improvement of image quality on low-dose dynamic myocardial perfusion computed tomography with a novel 4-dimensional similarity filter. <i>Medicine (United States)</i> , 2020, 99, e20804.	1.0	8
52	OUP accepted manuscript. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, , .	1.2	8
53	Visualization of collateral channels with coronary computed tomography angiography for the retrograde approach in percutaneous coronary intervention for chronic total occlusion. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 128-134.	1.3	7
54	Accuracy of echocardiographic indices for serial monitoring of right ventricular systolic function in patients with precapillary pulmonary hypertension. <i>PLoS ONE</i> , 2017, 12, e0187806.	2.5	7

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55	Quantification of myocardial blood flow with ¹¹ C-hydroxyephedrine dynamic PET: comparison with ¹⁵ O-H ₂ O PET. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1118-1125.	2.1	7
56	<i>RadioGraphics</i> Update: IgG4-related Cardiovascular Disease from the Aorta to the Coronary Arteries. <i>Radiographics</i> , 2020, 40, E29-E32.	3.3	7
57	Texture analysis of delayed contrast-enhanced computed tomography to diagnose cardiac sarcoidosis. <i>Japanese Journal of Radiology</i> , 2021, 39, 442-450.	2.4	7
58	Non-infectious endocarditis and myocarditis after COVID-19 mRNA vaccination. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytab533.	0.6	7
59	Underdiagnosis of cardiac sarcoidosis by ECG and echocardiography in cases of extracardiac sarcoidosis. <i>ERJ Open Research</i> , 2022, 8, 00516-2021.	2.6	7
60	Feasibility of Quantifying Myocardial Blood Flow with a Shorter Acquisition Time Using ¹⁵ O-H ₂ O PET. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 30-37.	0.2	6
61	The Effects of Pulmonary Vasodilating Agents on Right Ventricular Parameters in Severe Group 3 Pulmonary Hypertension: A Pilot Study. <i>Pulmonary Circulation</i> , 2016, 6, 524-531.	1.7	6
62	Heterogeneity of longitudinal and circumferential contraction in relation to late gadolinium enhancement in hypertrophic cardiomyopathy patients with preserved left ventricular ejection fraction. <i>Japanese Journal of Radiology</i> , 2018, 36, 103-112.	2.4	6
63	Diagnostic value of quantitative coronary flow reserve and myocardial blood flow estimated by dynamic 320 MDCT scanning in patients with obstructive coronary artery disease. <i>Medicine (United States)</i> , 2018, 97, 1-11.	0.7	6
64	Detailed visualization of the right and left ventricular, left atrial, and epicardial involvement of cardiac sarcoidosis with novel semiconductor PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1773-1774.	6.4	6
65	Bi-ventricular interplay in patients with systemic sclerosis-associated pulmonary arterial hypertension: Detection by cardiac magnetic resonance. <i>Modern Rheumatology</i> , 2017, 27, 481-488.	1.8	5
66	Pitfalls of ¹⁸ F-FDG PET for evaluating myocardial viability. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1110-1113.	2.1	5
67	Right ventricular-pulmonary arterial uncoupling and poor outcomes in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-11.	1.7	5
68	Phosphoglyceride crystal deposition disease as a rare tumour after cardiac surgery. <i>European Heart Journal</i> , 2020, 41, 2596-2596.	2.2	5
69	Clinical Application of ¹⁸ F-fluorodeoxyglucose PET and LGE CMR in Cardiac Sarcoidosis. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 125-130.	0.2	5
70	Advances in Diagnostic Imaging for Cardiac Sarcoidosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 5808.	2.4	5
71	Right Atrial Late Gadolinium Enhancement on Cardiac Magnetic Resonance Imaging in Pulmonary Hypertension. <i>Circulation Journal</i> , 2012, 76, 238-239.	1.6	4
72	Amelioration of right ventricular systolic function and stiffness in a patient with idiopathic pulmonary arterial hypertension treated with oral triple combination therapy. <i>Pulmonary Circulation</i> , 2018, 8, 1-5.	1.7	4

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73	The detection of retrograde flow from the left anterior descending artery into the main pulmonary artery by 4D-flow cardiac magnetic resonance in a patient with Bland-White-Garland syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 488-488.	1.2	4
74	Cardiac sarcoidosis mimicking myocardial infarction: a comprehensive evaluation using computed tomography and positron emission tomography. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1066-1067.	2.1	4
75	Replacement myocardial fibrosis at the site of late gadolinium enhancement on magnetic resonance imaging in a patient with diffuse cutaneous systemic sclerosis: An autopsy report. <i>Journal of Cardiology Cases</i> , 2017, 16, 48-51.	0.5	3
76	Four-dimensional flow magnetic resonance imaging visualizes significant changes in flow pattern and wall shear stress in the ascending aorta after transcatheter aortic valve implantation in a patient with severe aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 21, 21.	1.2	3
77	Quantitative analysis of regional endocardial geometry dynamics from 4D cardiac CT images: endocardial tracking based on the iterative closest point with an integrated scale estimation. <i>Physics in Medicine and Biology</i> , 2019, 64, 055009.	3.0	3
78	Right ventricular involvement of cardiac sarcoidosis: A comprehensive evaluation using cardiovascular magnetic resonance imaging and positron emission tomography. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3593-3595.	2.1	3
79	Delayed 18F-fluorodeoxyglucose PET/CT imaging improves detection of cardiac involvement in sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 417-419.	2.1	3
80	Right ventricular dimension index by cardiac magnetic resonance for prognostication in connective tissue diseases and pulmonary hypertension. <i>Rheumatology</i> , 2019, 59, 622-633.	1.9	2
81	Interatrial septal 99mTc-pyrophosphate uptake and reduced strain in wild-type transthyretin amyloid cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 363-366.	2.1	2
82	Microvascular thrombi in recurrent myocardial injury after coronavirus disease 2019 infection. <i>European Heart Journal</i> , 2021, 42, 3804-3804.	2.2	2
83	Comparison of SPAMM and SENC Methods for Evaluating Peak Circumferential Strain at 3T. <i>Magnetic Resonance in Medical Sciences</i> , 2013, 12, 69-75.	2.0	2
84	18F-FDG PET findings of pericardial lymphangiohemangioma. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1107-1109.	2.1	1
85	Breast cancer detected as an incidental finding on ^{99m} Tc-MIBI scintigraphy. <i>Acta Radiologica Open</i> , 2017, 6, 205846011771566.	0.6	1
86	Assessment of Coronary Flow Velocity Reserve in the Left Main Trunk Using Phase-contrast MR Imaging at 3T: Comparison with ¹⁵ O-labeled Water Positron Emission Tomography. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 134-141.	2.0	1
87	Invasive Cardiac Lipoma Complicating Visceral Inversion. <i>JACC: Case Reports</i> , 2020, 2, 1570-1571.	0.6	1
88	Spontaneous regression of a pulmonary arteriovenous malformation during endocrine therapy for breast cancer. <i>Respiratory Medicine Case Reports</i> , 2020, 31, 101311.	0.4	1
89	Myocardial T ₁ -mapping and Extracellular Volume Quantification in Patients and Putative Carriers of Muscular Dystrophy: Early Experience. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 320-324.	2.0	1
90	Assessment of Myocardial Blood Flow and Cardiac FDG Uptake Using Positron Emission Tomography. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 205-209.	0.2	1

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91	Non-Coronary Cardiac Findings and Pitfalls in Coronary Computed Tomography Angiography. Journal of Clinical Imaging Science, 2011, 1, 51.	1.1	1
92	Quantitative Evaluation of Myocardial Ischemia with Dynamic Perfusion CT. Annals of Nuclear Cardiology, 2019, 5, 79-83.	0.2	1
93	T2-weighted short-tau-inversion-recovery imaging reflects disease activity of cardiac sarcoidosis. Open Heart, 2021, 8, .	2.3	1
94	Earlier and better high-resolution single breast imaging during bilateral breast dynamic scans at 3-T MRI: comparison with post dynamic high-resolution imaging. Breast Cancer, 2015, 22, 475-479.	2.9	0
95	Visualization of Quantitative Flow Reduction with 4D-flow Magnetic Resonance Imaging in a Patient with Pelvic Arteriovenous Malformation After Transcatheter Arterial Embolization. CardioVascular and Interventional Radiology, 2020, 43, 1557-1560.	2.0	0
96	Successful embolization for a traumatic pseudoaneurysm concomitant with a massive back hematoma by a prone transradial catheterization technique. Trauma Case Reports, 2021, 34, 100503.	0.4	0
97	Editorial for "Diagnostic and Prognostic Value of Cardiac Magnetic Resonance Strain in Suspected Myocarditis With Preserved LV EF: A Comparison Between Patients With Negative and Positive Late Gadolinium Enhancement Findings". Journal of Magnetic Resonance Imaging, 2022, 56, 262-263.	3.4	0
98	Usefulness of 18F-FDG PET in Diagnosing Cardiac Sarcoidosis. , 2016, , 209-216.		0
99	Reduced Myocardial Flow Reserve Is Associated with Subendocardial Infarction and Coronary Stenosis in Patients with Coronary Artery Disease: A Perfusion MRI Study. Cardiovascular Imaging Asia, 2019, 3, 8.	0.1	0
100	FDG PET/CT for Rheumatic Diseases (Collagen Diseases). , 2020, , 147-189.		0
101	Differential diagnosis of cardiac disease with ¹⁸ F-FDG accumulation. The Japanese Journal of Sarcoidosis and Other Granulomatous Disorders, 2021, 41, 39-44.	0.1	0
102	Biventricular and right atrial thrombi in a middle-aged woman. European Heart Journal - Case Reports, 2022, 6, ytab509.	0.6	0