Osamu Manabe

List of Publications by Year
in descending order

45	963	516710 16	454955 30
papers	citations	h-index	g-index

48	48	48	1071
all docs	docs citations	times ranked	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. Journal of Nuclear Cardiology, 2016, 23, 244-252.	2.1	142
2	A Semi-Automated Technique Determining the Liver Standardized Uptake Value Reference for Tumor Delineation in FDG PET-CT. PLoS ONE, 2014, 9, e105682.	2.5	79
3	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. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 259-269.	6.4	73
4	IgG4-related Cardiovascular Disease from the Aorta to the Coronary Arteries: Multidetector CT and PET/CT. Radiographics, 2018, 38, 1934-1948.	3.3	60
5	Characteristics of immunoglobulin G4-related aortitis/periaortitis and periarteritis on fluorodeoxyglucose positron emission tomography/computed tomography co-registered with contrast-enhanced computed tomography. EJNMMI Research, 2017, 7, 20.	2.5	57
6	Elevated 18F-fluorodeoxyglucose uptake in the interventricular septum is associated with atrioventricular block in patients with suspected cardiac involvement sarcoidosis. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1558-1566.	6.4	50
7	Identification and further differentiation of subendocardial and transmural myocardial infarction by fast strain-encoded (SENC) magnetic resonance imaging at 3.0 Tesla. European Radiology, 2011, 21, 2362-2368.	4.5	42
8	Right ventricular 18F-FDG uptake is an important indicator for cardiac involvement in patients with suspected cardiac sarcoidosis. Annals of Nuclear Medicine, 2014, 28, 656-663.	2.2	40
9	Delayed contrast-enhanced computed tomography in patients with known or suspected cardiac sarcoidosis: A feasibility study. European Radiology, 2017, 27, 4054-4063.	4.5	36
10	Cardiac sarcoidosis classification with deep convolutional neural network-based features using polar maps. Computers in Biology and Medicine, 2019, 104, 81-86.	7.0	36
11	Use of 18F-FDG PET/CT texture analysis to diagnose cardiac sarcoidosis. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1240-1247.	6.4	36
12	18F-fluoromisonidazole positron emission tomography can predict pathological necrosis of brain tumors. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1469-1476.	6.4	28
13	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
14	18F-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
15	Regional interaction between myocardial sympathetic denervation, contractile dysfunction, and fibrosis in heart failure with preserved ejection fraction: 11C-hydroxyephedrine PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1897-1905.	6.4	22
16	Effects of coronary revascularization on global coronary flow reserve in stable coronary artery disease. Cardiovascular Research, 2019, 115, 119-129.	3.8	22
17	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
18	A convolutional neural network-based system to prevent patient misidentification in FDG-PET examinations. Scientific Reports, 2019, 9, 7192.	3.3	15

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19	Improved regional myocardial blood flow and flow reserve after coronary revascularization as assessed by serial 15O-water positron emission tomography/computed tomography. European Heart Journal Cardiovascular Imaging, 2020, 21, 36-46.	1.2	15
20	Qualitative and Quantitative Assessments of Cardiac Sarcoidosis Using ¹⁸F-FDG PET. Annals of Nuclear Cardiology, 2017, 3, 117-120.	0.2	12
21	Recent advances in cardiac positron emission tomography for quantitative perfusion analyses and molecular imaging. Annals of Nuclear Medicine, 2020, 34, 697-706.	2.2	11
22	Elevated serum endothelin-1 is an independent predictor of coronary microvascular dysfunction in non-obstructive territories in patients with coronary artery disease. Heart and Vessels, 2021, 36, 917-923.	1.2	11
23	Influence of the scan time point when assessing hypoxia in 18F-fluoromisonidazole PET: 2 vs. 4Âh. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1833-1842.	6.4	10
24	Positron emission tomography/MRI for cardiac diseases assessment. British Journal of Radiology, 2020, 93, 20190836.	2.2	10
25	The Role of Multimodality Imaging in Cardiac Sarcoidosis. Korean Circulation Journal, 2021, 51, 561.	1.9	10
26	Focus Issue on Cardiac Sarcoidosis from International Congress of Nuclear Cardiology and Cardiac CT (ICNC 12) Symposium. Annals of Nuclear Cardiology, 2015, 1, 87-94.	0.2	10
27	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. Journal of Nuclear Cardiology, 2021, 28, 1745-1756.	2.1	9
28	Prognostic value of phase analysis on gated single photon emission computed tomography in patients with cardiac sarcoidosis. Journal of Nuclear Cardiology, 2021, 28, 128-136.	2.1	9
29	RadioGraphics Update: IgG4-related Cardiovascular Disease from the Aorta to the Coronary Arteries. Radiographics, 2020, 40, E29-E32.	3.3	7
30	Texture analysis of delayed contrast-enhanced computed tomography to diagnose cardiac sarcoidosis. Japanese Journal of Radiology, 2021, 39, 442-450.	2.4	7
31	Underdiagnosis of cardiac sarcoidosis by ECG and echocardiography in cases of extracardiac sarcoidosis. ERJ Open Research, 2022, 8, 00516-2021.	2.6	7
32	Detailed visualization of the right and left ventricular, left atrial, and epicardial involvement of cardiac sarcoidosis with novel semiconductor PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1773-1774.	6.4	6
33	A Preliminary Study to Use SUVmax of FDG PET-CT as an Identifier of Lesion for Artificial Intelligence. Frontiers in Medicine, 2021, 8, 647562.	2.6	6
34	Advances in Diagnostic Imaging for Cardiac Sarcoidosis. Journal of Clinical Medicine, 2021, 10, 5808.	2.4	5
35	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. European Heart Journal Cardiovascular Imaging, 2019, 20, 488-488.	1.2	4
36	Preoperative Texture Analysis Using 11C-Methionine Positron Emission Tomography Predicts Survival after Surgery for Glioma. Diagnostics, 2021, 11, 189.	2.6	4

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37	Effects of ligation of a coronary artery fistula on coronary blood flow. Journal of Nuclear Cardiology, 2021, 28, 354-358.	2.1	3
38	Delayed 18F-fluorodeoxyglucose PET/CT imaging improves detection of cardiac involvement in sarcoidosis. Journal of Nuclear Cardiology, 2023, 30, 417-419.	2.1	3
39	New trials for assessment of left atrial dysfunction by FDG-PET. Journal of Nuclear Cardiology, 2020, 27, 1563-1565.	2.1	2
40	A Nodular Lesion of the Foot Detected by 18F-FDG PET/CT in Mycosis Fungoides. Clinical Nuclear Medicine, 2019, 44, 244-245.	1.3	1
41	Validation of regional myocardial blood flow quantification using three-dimensional PET with rubidium-82: repeatability and comparison with two-dimensional PET data acquisition. Nuclear Medicine Communications, 2020, 41, 768-775.	1.1	1
42	Potential of 18F-FDG PET to evaluate the cardiocerebral interaction. Journal of Nuclear Cardiology, 2022, 29, 489-491.	2.1	0
43	Multimodality evaluation of Takotsubo cardiomyopathy in an isolated single coronary artery anomaly. Journal of Nuclear Cardiology, 2022, 29, 874-880.	2.1	0
44	What is this image? 2020: Image 6 result. Journal of Nuclear Cardiology, 2020, 27, 719-722.	2.1	0
45	Nuclear Medicine Image Interpretation Progress in the Assessment of Cardiac Sarcoidosis: July 2019 ASNC/JSNC Joint Session. Annals of Nuclear Cardiology, 2020, 6, 49-52.	0.2	0