

# Keiichiro Yoshinaga

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

2,548  
citations

201674

27  
h-index

189892

50  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ventricular phase analysis moves on to the next phase: What technologists should keep in mind. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1172-1174.	2.1	0
2	Effects of Repeated <sup>131</sup> I-Meta-Iodobenzylguanidine Radiotherapy on Tumor Size and Tumor Metabolic Activity in Patients with Metastatic Neuroendocrine Tumors. <i>Journal of Nuclear Medicine</i> , 2021, 62, 685-694.	5.0	3
3	Translocator protein imaging with <sup>18</sup> F-FEDAC-positron emission tomography in rabbit atherosclerosis and its presence in human coronary vulnerable plaques. <i>Atherosclerosis</i> , 2021, 337, 7-17.	0.8	4
4	Validation of regional myocardial blood flow quantification using three-dimensional PET with rubidium-82: repeatability and comparison with two-dimensional PET data acquisition. <i>Nuclear Medicine Communications</i> , 2020, 41, 768-775.	1.1	1
5	ANC Opens up to the World. <i>Annals of Nuclear Cardiology</i> , 2020, 6, 1-4.	0.2	1
6	<sup>15</sup> O-labeled Water is the Best Myocardial Blood Flow Tracer for Precise MBF Quantification. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 69-72.	0.2	5
7	Recommendations for <sup>18</sup> F-Fluorodeoxyglucose Positron Emission Tomography Imaging for Diagnosis of Cardiac Sarcoidosis—2018 Update. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 141-159.	0.2	2
8	Recommendations for <sup>18</sup> F-fluorodeoxyglucose positron emission tomography imaging for diagnosis of cardiac sarcoidosis—2018 update: Japanese Society of Nuclear Cardiology recommendations. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1414-1433.	2.1	57
9	Preclinical Evaluation of the Acute Radiotoxicity of the $\beta^-$ -Emitting Molecular-Targeted Therapeutic Agent <sup>211</sup> At-MABG for the Treatment of Malignant Pheochromocytoma in Normal Mice. <i>Translational Oncology</i> , 2019, 12, 879-888.	3.7	19
10	How do we establish cardiac sympathetic nervous system imaging with <sup>123</sup> I-mIBG in clinical practice? Perspectives and lessons from Japan and the US. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1434-1451.	2.1	15
11	Early therapeutic effects of adaptive servo-ventilation on cardiac sympathetic nervous function in patients with heart failure evaluated using a combination of <sup>11</sup> C-HED PET and <sup>123</sup> I-MIBG SPECT. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1079-1089.	2.1	9
12	How Do We Establish Cardiac Sympathetic Nervous System Imaging with <sup>123</sup> I-mIBG in Clinical Practice? Perspectives and Lessons from Japan and the US. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 5-20.	0.2	5
13	Positron Emission Tomography Myocardial Perfusion Imaging Tracer Choice for Assessment of Myocardial Blood Flow. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 50-52.	0.2	1
14	Increasing the Presence of ANC among Academia. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 1-4.	0.2	0
15	Antitumor effects of radionuclide treatment using $\beta^-$ -emitting meta- <sup>211</sup> At-astato-benzylguanidine in a PC12 pheochromocytoma model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 999-1010.	6.4	58
16	Absolute quantification of myocardial blood flow. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 635-651.	2.1	23
17	Radiopharmaceutical tracers for cardiac imaging. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1204-1236.	2.1	46
18	Statement on <sup>18</sup> F-FDG PET Usage for Large-vessel Vasculitis. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 46-51.	0.2	3

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19	Perspectives of quantitative assessment of myocardial blood flow. <i>Clinical and Translational Imaging</i> , 2018, 6, 321-327.	2.1	5
20	Updated Japanese Ministry of Health, Labour and Welfare Reimbursement Policy for Cardiac Positron Emission Tomography and Coronary Intervention. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 42-45.	0.2	4
21	Art and Science. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 1-4.	0.2	0
22	Plaque Imaging Using Coronary Computed Tomography Angiography. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 132-136.	0.2	0
23	Clinical Studies Using <i>In Vivo</i> Diagnostic Radiopharmaceuticals under the Clinical Research Law. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 88-93.	0.2	0
24	Cardiac sympathetic nervous system imaging with <sup>123</sup> I-meta-iodobenzylguanidine: Perspectives from Japan and Europe. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 952-960.	2.1	28
25	Improving the worldwide quality of nuclear cardiology practice and research: The role of the official journal. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 335-337.	2.1	3
26	It is a Tiny Step, But We Are on the Path to Meeting and Surpassing Our Initial Target. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 1-3.	0.2	0
27	Cardiac Sympathetic Nervous System Imaging with <sup>123</sup> I-meta-iodobenzylguanidine. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 4-11.	0.2	8
28	Qualitative and Quantitative Assessments of Cardiac Sarcoidosis Using <sup>18</sup> F-FDG PET. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 117-120.	0.2	12
29	Japanese Guidelines for Cardiac Sarcoidosis. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 121-124.	0.2	17
30	New Guidelines for Diagnosis of Cardiac Sarcoidosis in Japan. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 42-45.	0.2	138
31	Clinical Application of <sup>18</sup> F-fluorodeoxyglucose PET and LGE CMR in Cardiac Sarcoidosis. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 125-130.	0.2	5
32	Roles of <sup>18</sup> F-FDG PET in Diagnosis and Management of Cardiac Sarcoidosis— from the Continuing Medical Education Session at the 63 <sup>rd</sup> SNMMI Meeting, June 2016. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 110-112.	0.2	2
33	Latest Research Topics from the Young Investigator Award Session at the 2016 Japanese Society of Nuclear Cardiology Annual Scientific Meeting. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 210-212.	0.2	0
34	Challenges and Opportunities in Nuclear Cardiology from Latin American and Asian Perspectives. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 173-175.	0.2	0
35	Focus Issue: Clinical Application of Myocardial Blood Flow Quantification— from the JSNC/ASNC Joint Session at the 27 <sup>th</sup> JSNC Annual Scientific Meeting. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 155-156.	0.2	0
36	Feasibility of Quantifying Myocardial Blood Flow with a Shorter Acquisition Time Using <sup>15</sup> O-H <sub>2</sub> O PET. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 30-37.	0.2	6

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37	Anatomical and Functional Estimations of Brachial Artery Diameter and Elasticity Using Oscillometric Measurements with a Quantitative Approach. <i>Pulse</i> , 2016, 4, 1-10.	1.9	3
38	Accelerated <sup>99m</sup> Tc-sestamibi clearance associated with mitochondrial dysfunction and regional left ventricular dysfunction in reperfused myocardium in patients with acute coronary syndrome. <i>EJNMMI Research</i> , 2016, 6, 41.	2.5	5
39	Comprehensive assessment of impaired peripheral and coronary artery endothelial functions in smokers using brachial artery ultrasound and oxygen-15-labeled water PET. <i>Journal of Cardiology</i> , 2016, 68, 316-323.	1.9	4
40	The effects of 18-h fasting with low-carbohydrate diet preparation on suppressed physiological myocardial <sup>18</sup> F-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
41	Has ANC Had an Impact on Clinical Science? Yes, We Have. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 1-2.	0.2	2
42	Focus Issue: Cardiac Sympathetic Nervous System Imaging from JSNC/ASNC Joint Session in 26<sup>th</sup>;JSNC Annual Scientific Meeting. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 136-137.	0.2	4
43	Current Clinical Practice of Nuclear Cardiology in Japan. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 50-52.	0.2	8
44	<sup>18</sup>F-FDG PET Viability Assessment for the Improvements of Prognosis of the Patients with Left Ventricular Dysfunction. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 53-55.	0.2	0
45	Introduction of the JSNC Award. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 183-185.	0.2	0
46	Recent Research Topics in Nuclear Cardiology from the YIA Session of JSNC 2015. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 186-187.	0.2	0
47	Has ANC Had an Impact on Clinical Science? Yes, We Have. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 1-2.	0.2	1
48	Focus Issue: Cardiac Sympathetic Nervous System Imaging from JSNC/ASNC Joint Session in 26<sup>th</sup>;JSNC Annual Scientific Meeting. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 136-137.	0.2	2
49	Introduction of the JSNC Award. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 183-185.	0.2	0
50	Recent Research Topics in Nuclear Cardiology from the YIA Session of JSNC 2015. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 186-187.	0.2	0
51	<sup>18</sup>F-FDG PET Viability Assessment for the Improvements of Prognosis of the Patients with Left Ventricular Dysfunction. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 53-55.	0.2	0
52	Improved spillover correction model to quantify myocardial blood flow by <sup>11</sup> C-acetate PET: comparison with <sup>15</sup> O-H <sub>2</sub> O PET. <i>Annals of Nuclear Medicine</i> , 2015, 29, 15-20.	2.2	11
53	Current status of nuclear cardiology in Japan: Ongoing efforts to improve clinical standards and to establish evidence. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 690-699.	2.1	31
54	Draft guidelines regarding appropriate use of <sup>131</sup> I-MIBG radiotherapy for neuroendocrine tumors. <i>Annals of Nuclear Medicine</i> , 2015, 29, 543-552.	2.2	19

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55	Time to Move on to the Next Stage and Open our Door to the World. <i>Annals of Nuclear Cardiology</i> , 2015, 1, 1-2.	0.2	8
56	Current Japanese Ministry of Health, Labor, and Welfare Approval of Cardiac Positron Emission Tomography. <i>Annals of Nuclear Cardiology</i> , 2015, 1, 106-107.	0.2	14
57	Effects of Short-Term Continuous Positive Airway Pressure on Myocardial Sympathetic Nerve Function and Energetics in Patients With Heart Failure and Obstructive Sleep Apnea. <i>Circulation</i> , 2014, 130, 892-901.	1.6	80
58	Ischaemic memory imaging using metabolic radiopharmaceuticals: overview of clinical settings and ongoing investigations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 384-393.	6.4	20
59	Recommendations for 18F-fluorodeoxyglucose positron emission tomography imaging for cardiac sarcoidosis: Japanese Society of Nuclear Cardiology Recommendations. <i>Annals of Nuclear Medicine</i> , 2014, 28, 393-403.	2.2	140
60	Quantification of Myocardial Blood Flow in Absolute Terms Using 82Rb PET Imaging. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 1119-1127.	5.3	144
61	Attenuated right ventricular energetics evaluated using 11C-acetate PET in patients with pulmonary hypertension. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1240-1250.	6.4	21
62	Prone-position acquisition of myocardial 123I-metaiodobenzylguanidine (MIBG) SPECT reveals regional uptake similar to that found using 11C-hydroxyephedrine PET/CT. <i>Annals of Nuclear Medicine</i> , 2014, 28, 761-769.	2.2	12
63	Effects and safety of 131I-metaiodobenzylguanidine (MIBG) radiotherapy in malignant neuroendocrine tumors: Results from a multicenter observational registry. <i>Endocrine Journal</i> , 2014, 61, 1171-1180.	1.6	41
64	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
65	Myocardial Blood Flow Quantification Using Positron-Emission Tomography. <i>Circulation Journal</i> , 2013, 77, 1662-1671.	1.6	26
66	Quantification of regional myocardial blood flow estimation with three-dimensional dynamic rubidium-82 PET and modified spillover correction model. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 763-774.	2.1	31
67	Physiological Assessment of Myocardial Perfusion Using Nuclear Cardiology Would Enhance Coronary Artery Disease Patient Care - Which Imaging Modality Is Best for Evaluation of Myocardial Ischemia? (SPECT-Side) - <i>Circulation Journal</i> , 2011, 75, 713-723.	1.6	28
68	Early Detection of Cardiac Sarcoid Lesions with 18F-fluoro-2-deoxyglucose Positron Emission Tomography. <i>Internal Medicine</i> , 2011, 50, 1207-1209.	0.7	22
69	Incremental Diagnostic Value of Regional Myocardial Blood Flow Quantification Over Relative Perfusion Imaging With Generator-Produced Rubidium-82 PET. <i>Circulation Journal</i> , 2011, 75, 2628-2634.	1.6	50
70	Long-term smoking causes more advanced coronary endothelial dysfunction in middle-aged smokers compared to young smokers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 491-498.	6.4	28
71	18F-Fluoro-2-deoxyglucose positron emission tomography in cardiac sarcoidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1773-1783.	6.4	124
72	Assessment of coronary endothelial function using PET. <i>Journal of Nuclear Cardiology</i> , 2011, 18, 486-500.	2.1	42

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73	Coronary vasomotor function assessed by positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1213-1224.	6.4	11
74	Quantitative analysis of coronary endothelial function with generator-produced <sup>82</sup> Rb PET: comparison with <sup>15</sup> O-labelled water PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 2233-2241.	6.4	35
75	Generator-produced rubidium-82 positron emission tomography myocardial perfusion imaging—From basic aspects to clinical applications. <i>Journal of Cardiology</i> , 2010, 55, 163-173.	1.9	57
76	Repeatability of Rest and Hyperemic Myocardial Blood Flow Measurements with <sup>82</sup> Rb Dynamic PET. <i>Journal of Nuclear Medicine</i> , 2009, 50, 68-71.	5.0	92
77	Heterogeneous Reduction of Myocardial Oxidative Metabolism in Patients With Ischemic and Dilated Cardiomyopathy Using C-11 Acetate PET. <i>Circulation Journal</i> , 2008, 72, 786-792.	1.6	19
78	The Effects of Continuous Positive Airway Pressure on Myocardial Energetics in Patients With Heart Failure and Obstructive Sleep Apnea. <i>Journal of the American College of Cardiology</i> , 2007, 49, 450-458.	2.8	66
79	Imaging myocardial metabolism. <i>Current Opinion in Biotechnology</i> , 2007, 18, 52-59.	6.6	45
80	Will 3-dimensional PET-CT enable the routine quantification of myocardial blood flow?. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 380-397.	2.1	86
81	What is the Prognostic Value of Myocardial Perfusion Imaging Using Rubidium-82 Positron Emission Tomography?. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1029-1039.	2.8	333
82	Effect of exercise training on myocardial blood flow in patients with stable coronary artery disease. <i>American Heart Journal</i> , 2006, 151, 1324.e11-1324.e18.	2.7	17
83	Application of Cardiac Molecular Imaging Using Positron Emission Tomography in Evaluation of Drug and Therapeutics for Cardiovascular Disorders. <i>Current Pharmaceutical Design</i> , 2005, 11, 903-932.	1.9	46
84	Reduced oxidative metabolic response in dysfunctional myocardium with preserved glucose metabolism but with impaired contractile reserve. <i>Journal of Nuclear Medicine</i> , 2004, 45, 1885-91.	5.0	12
85	Reduction of coronary flow reserve in areas with and without ischemia on stress perfusion imaging in patients with coronary artery disease: a study using oxygen <sup>15</sup> O-labeled water PET. <i>Journal of Nuclear Cardiology</i> , 2003, 10, 275-283.	2.1	116
86	A serial echocardiographic observation of acute heart injury associated with pheochromocytoma crisis. <i>International Journal of Cardiology</i> , 1998, 66, 199-202.	1.7	18