

Nagara Tamaki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,431

citations

14

h-index

37

g-index

78

ext. papers

1,698

ext. citations

3.5

avg, IF

4.15

L-index

#	Paper	IF	Citations
66	Clinical Perspectives of Theranostics. <i>Molecules</i> , 2021 , 26,	4.8	7
65	Assessment of biventricular hemodynamics and energy dynamics using lumen-tracking 4D flow MRI without contrast medium. <i>Journal of Cardiology</i> , 2021 , 78, 79-87	3	5
64	F-FMISO PET/CT detects hypoxic lesions of cardiac and extra-cardiac involvement in patients with sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 2141-2148	2.1	13
63	Prognostic value of phase analysis on gated single photon emission computed tomography in patients with cardiac sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 128-136	2.1	4
62	Elevated serum endothelin-1 is an independent predictor of coronary microvascular dysfunction in non-obstructive territories in patients with coronary artery disease. <i>Heart and Vessels</i> , 2021 , 36, 917-923 ^{2.1}	2.1	2
61	Prognostic value of cardiac I-metaiodobenzylguanidine imaging for predicting cardiac events after transcatheter aortic valve replacement. <i>ESC Heart Failure</i> , 2021 , 8, 1106-1116	3.7	2
60	Quantitative FDG PET Assessment for Oncology Therapy. <i>Cancers</i> , 2021 , 13,	6.6	4
59	Comparison between dynamic whole-body FDG-PET and early-delayed imaging for the assessment of motion in focal uptake in colorectal area. <i>Annals of Nuclear Medicine</i> , 2021 , 35, 1305-1311	2.5	1
58	Determination of brain tumor recurrence using C-methionine positron emission tomography after radiotherapy. <i>Cancer Science</i> , 2021 , 112, 4246-4256	6.9	2
57	Serial changes in cardiac sympathetic nervous function after transcatheter aortic valve replacement: A prospective observational study using I-meta-iodobenzylguanidine imaging. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	0
56	Dynamic whole-body F-FDG PET for differentiating abnormal lesions from physiological uptake. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2293-2300	8.8	5
55	Influences of mitral annuloplasty on left ventricular flow dynamics assessed with 3-dimensional cine phase-contrast flow magnetic resonance imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	5
54	Positron emission tomography/MRI for cardiac diseases assessment. <i>British Journal of Radiology</i> , 2020 , 93, 20190836	3.4	1
53	Dynamic Whole-Body 18F-FDG PET for Minimizing Patient Motion Artifact. <i>Clinical Nuclear Medicine</i> , 2020 , 45, 880-882	1.7	2
52	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	1.6	1
51	Association of coronary revascularisation after physician-referred non-invasive diagnostic imaging tests with outcomes in patients with suspected coronary artery disease: a post hoc subgroup analysis. <i>BMJ Open</i> , 2020 , 10, e035111	3	0
50	Recent advances in cardiac positron emission tomography for quantitative perfusion analyses and molecular imaging. <i>Annals of Nuclear Medicine</i> , 2020 , 34, 697-706	2.5	3

49	F-FDG uptake of the right ventricle is an important predictor of histopathologic diagnosis by endomyocardial biopsy in patients with cardiac sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 2135-2143	2.1	7
48	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	4.1	12
47	Early effects of transcatheter aortic valve replacement on cardiac sympathetic nervous function assessed by I-metaiodobenzylguanidine scintigraphy in patients with severe aortic valve stenosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 1657-1667	8.8	5
46	Biodistribution and radiation dosimetry of the novel hypoxia PET probe [F]DiFA and comparison with [F]FMISO. <i>EJNMMI Research</i> , 2019 , 9, 60	3.6	14
45	Assessment of Coronary Flow Velocity Reserve in the Left Main Trunk Using Phase-contrast MR Imaging at 3T: Comparison with O-labeled Water Positron Emission Tomography. <i>Magnetic Resonance in Medical Sciences</i> , 2019 , 18, 134-141	2.9	1
44	The role of multimodality imaging in takotsubo cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 1602-1616	2.1	8
43	Effects of coronary revascularization on global coronary flow reserve in stable coronary artery disease. <i>Cardiovascular Research</i> , 2019 , 115, 119-129	9.9	13
42	Elimination of tumor hypoxia by eribulin demonstrated by F-FMISO hypoxia imaging in human tumor xenograft models. <i>EJNMMI Research</i> , 2019 , 9, 51	3.6	9
41	The Roles of Hypoxia Imaging Using F-Fluoromisonidazole Positron Emission Tomography in Glioma Treatment. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	17
40	Combination of FDG-PET and FMISO-PET as a treatment strategy for patients undergoing early-stage NSCLC stereotactic radiotherapy. <i>EJNMMI Research</i> , 2019 , 9, 104	3.6	7
39	Positron Emission Tomography Myocardial Perfusion Imaging Tracer Choice for Assessment of Myocardial Blood Flow. <i>Annals of Nuclear Cardiology</i> , 2019 , 5, 50-52	0.3	1
38	Quantitative Evaluation of Myocardial Ischemia with Dynamic Perfusion CT. <i>Annals of Nuclear Cardiology</i> , 2019 , 5, 79-83	0.3	1
37	Reduced Myocardial Flow Reserve Is Associated with Subendocardial Infarction and Coronary Stenosis in Patients with Coronary Artery Disease: A Perfusion MRI Study. <i>Cardiovascular Imaging Asia</i> , 2019 , 3, 8	0.2	
36	Volume-based parameters on FDG PET may predict the proliferative potential of soft-tissue sarcomas. <i>Annals of Nuclear Medicine</i> , 2019 , 33, 22-31	2.5	12
35	Use of F-FDG PET/CT texture analysis to diagnose cardiac sarcoidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1240-1247	8.8	18
34	In vitro uptake and metabolism of [C]acetate in rabbit atherosclerotic arteries: biological basis for atherosclerosis imaging with [C]acetate. <i>Nuclear Medicine and Biology</i> , 2018 , 56, 21-25	2.1	2
33	The role of nuclear medicine in assessments of cardiac dyssynchrony. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 1980-1987	2.1	5
32	Perspectives of quantitative assessment of myocardial blood flow. <i>Clinical and Translational Imaging</i> , 2018 , 6, 321-327	2	3

31	[F]DPA-714 PET imaging shows immunomodulatory effect of intravenous administration of bone marrow stromal cells after transient focal ischemia. <i>EJNMMI Research</i> , 2018 , 8, 35	3.6	14
30	Measurement of Iodine-Derived Contamination in L-[11C]Methionine Injection. <i>Radioisotopes</i> , 2018 , 67, 75-83	0.1	1
29	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	2.9	3
28	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	3.6	40
27	Altered glucose metabolism and hypoxic response in alloxan-induced diabetic atherosclerosis in rabbits. <i>PLoS ONE</i> , 2017 , 12, e0175976	3.7	9
26	F-Fluoromisonidazole positron emission tomography (FMISO-PET) may reflect hypoxia and cell proliferation activity in oral squamous cell carcinoma. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017 , 124, 261-270	2	8
25	Regional interaction between myocardial sympathetic denervation, contractile dysfunction, and fibrosis in heart failure with preserved ejection fraction: C-hydroxyephedrine PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1897-1905	8.8	14
24	Reproducibility and uptake time dependency of volume-based parameters on FDG-PET for lung cancer. <i>BMC Cancer</i> , 2016 , 16, 576	4.8	18
23	Dynamic PET evaluation of elevated FLT level after sorafenib treatment in mice bearing human renal cell carcinoma xenograft. <i>EJNMMI Research</i> , 2016 , 6, 90	3.6	7
22	uPAR as a Glioma Imaging Target. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 169-70	8.9	2
21	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, 128-34	2.8	3
20	(18)F-fluoromisonidazole positron emission tomography can predict pathological necrosis of brain tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 1469-76	8.8	21
19	A Post-marketing Clinical Study to Confirm the Efficacy of 18F-fluorodeoxyglucose for the Diagnosis of Myocardial Viability. <i>Annals of Nuclear Cardiology</i> , 2016 , 2, 9-20	0.3	4
18	Simultaneous Tc-99m and I-123 dual-radionuclide imaging with a solid-state detector-based brain-SPECT system and energy-based scatter correction. <i>EJNMMI Physics</i> , 2016 , 3, 10	4.4	7
17	Use of FDG-PET to detect a chronic odontogenic infection as a possible source of the brain abscess. <i>Odontology / the Society of the Nippon Dental University</i> , 2016 , 104, 239-43	3.6	5
16	Characterization of the role of sphingomyelin synthase 2 in glucose metabolism in whole-body and peripheral tissues in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 688-702	5	26
15	Combined Plasma and Tissue Proteomic Study of Atherogenic Model Mouse: Approach To Elucidate Molecular Determinants in Atherosclerosis Development. <i>Journal of Proteome Research</i> , 2015 , 14, 4257-69	5.6	11
14	Suppressive effects of irbesartan on inflammation and apoptosis in atherosclerotic plaques of apoE ^{-/-} mice: molecular imaging with 14C-FDG and 99mTc-annexin A5. <i>PLoS ONE</i> , 2014 , 9, e89338	3.7	13

13	A semi-automated technique determining the liver standardized uptake value reference for tumor delineation in FDG PET-CT. <i>PLoS ONE</i> , 2014 , 9, e105682	3.7	47
12	Increased metabolite levels of glycolysis and pentose phosphate pathway in rabbit atherosclerotic arteries and hypoxic macrophage. <i>PLoS ONE</i> , 2014 , 9, e86426	3.7	40
11	Molecular imaging in heart failure patients. <i>Clinical and Translational Imaging</i> , 2013 , 1, 341-351	2	8
10	Focal uptake on 18F-fluoro-2-deoxyglucose positron emission tomography images indicates cardiac involvement of sarcoidosis. <i>European Heart Journal</i> , 2005 , 26, 1538-43	9.5	308
9	Effects of insulin and glucose loading on FDG uptake in experimental malignant tumours and inflammatory lesions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001 , 28, 730-5		50
8	Regional alterations of myocardial norepinephrine transporter density in streptozotocin-induced diabetic rats: implications for heterogeneous cardiac accumulation of MIBG in diabetes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001 , 28, 894-9		19
7	Delayed (18)F-fluoro-2-deoxy-D-glucose positron emission tomography scan for differentiation between malignant and benign lesions in the pancreas. <i>Cancer</i> , 2000 , 89, 2547-54	6.4	188
6	A new dynamic myocardial phantom for the assessment of left ventricular function by gated single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000 , 27, 1525-30		14
5	Evaluation of coronary blood flow reserve by 13N-NH3 positron emission computed tomography (PET) with dipyridamole in the treatment of hypertension with the ACE inhibitor (Cilazapril). <i>Annals of Nuclear Medicine</i> , 2000 , 14, 353-60	2.5	30
4	Prognostic value of 1-day stress/rest electrocardiogram-gated single-photon emission computed tomography using Tc-99m-labeled methoxy-isobutyl isonitrile. <i>Japanese Circulation Journal</i> , 1998 , 62, 405-8		4
3	Indium-111 antimyosin antibody imaging and thallium-201 imaging--a comparative myocardial scintigraphic study using single-photon emission computed tomography in patients with myocarditis and dilated cardiomyopathy. <i>Japanese Circulation Journal</i> , 1997 , 61, 827-35		7
2	Positron emission tomography using fluorine-18 deoxyglucose in evaluation of coronary artery bypass grafting. <i>American Journal of Cardiology</i> , 1989 , 64, 860-5	3	310
1	Dynamic whole-body FDG-PET imaging for oncology studies. <i>Clinical and Translational Imaging</i> , 1	2	0