

Nagara Tamaki

List of Publications by Year in descending order

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76
papers

1,913
citations

430442

18
h-index

264894

42
g-index

78
all docs

78
docs citations

78
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	Positron emission tomography using fluorine-18 deoxyglucose in evaluation of coronary artery bypass grafting. <i>American Journal of Cardiology</i> , 1989, 64, 860-865.	0.7	365
2	Focal uptake on 18F-fluoro-2-deoxyglucose positron emission tomography images indicates cardiac involvement of sarcoidosis. <i>European Heart Journal</i> , 2005, 26, 1538-1543.	1.0	360
3	Delayed 18F-fluoro-2-deoxy-D-glucose positron emission tomography scan for differentiation between malignant and benign lesions in the pancreas. <i>Cancer</i> , 2000, 89, 2547-2554.	2.0	208
4	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.	1.1	79
5	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, 730-735.	2.2	57
6	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.	1.1	57
7	Increased Metabolite Levels of Glycolysis and Pentose Phosphate Pathway in Rabbit Atherosclerotic Arteries and Hypoxic Macrophage. <i>PLoS ONE</i> , 2014, 9, e86426.	1.1	55
8	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.	3.3	36
9	The Roles of Hypoxia Imaging Using 18F-Fluoromisonidazole Positron Emission Tomography in Glioma Treatment. <i>Journal of Clinical Medicine</i> , 2019, 8, 1088.	1.0	34
10	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, 353-360.	1.2	33
11	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.	1.2	33
12	18F-fluoromisonidazole positron emission tomography can predict pathological necrosis of brain tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1469-1476.	3.3	28
13	18F-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.	1.4	23
14	Reproducibility and uptake time dependency of volume-based parameters on FDG-PET for lung cancer. <i>BMC Cancer</i> , 2016, 16, 576.	1.1	22
15	Regional interaction between myocardial sympathetic denervation, contractile dysfunction, and fibrosis in heart failure with preserved ejection fraction: 11C-hydroxyephedrine PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1897-1905.	3.3	22
16	Effects of coronary revascularization on global coronary flow reserve in stable coronary artery disease. <i>Cardiovascular Research</i> , 2019, 115, 119-129.	1.8	22
17	Biodistribution and radiation dosimetry of the novel hypoxia PET probe [18F]DiFA and comparison with [18F]FMISO. <i>EJNMMI Research</i> , 2019, 9, 60.	1.1	21
18	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.	1.2	21

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19	Quantitative FDG PET Assessment for Oncology Therapy. <i>Cancers</i> , 2021, 13, 869.	1.7	20
20	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, 894-899.	2.2	19
21	[18F]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.	1.1	18
22	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.	1.1	16
23	Clinical Perspectives of Theranostics. <i>Molecules</i> , 2021, 26, 2232.	1.7	16
24	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, 1525-1530.	2.2	15
25	The role of multimodality imaging in takotsubo cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1602-1616.	1.4	15
26	18F-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.	1.4	15
27	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.	0.5	15
28	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.	1.1	15
29	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, 4257-4269.	1.8	13
30	Dynamic whole-body 18F-FDG PET for differentiating abnormal lesions from physiological uptake. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2293-2300.	3.3	13
31	18 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.	0.2	12
32	Altered glucose metabolism and hypoxic response in alloxan-induced diabetic atherosclerosis in rabbits. <i>PLoS ONE</i> , 2017, 12, e0175976.	1.1	11
33	Elimination of tumor hypoxia by eribulin demonstrated by 18F-FMISO hypoxia imaging in human tumor xenograft models. <i>EJNMMI Research</i> , 2019, 9, 51.	1.1	11
34	Recent advances in cardiac positron emission tomography for quantitative perfusion analyses and molecular imaging. <i>Annals of Nuclear Medicine</i> , 2020, 34, 697-706.	1.2	11
35	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> , 2022, 163, 947-959.	0.4	11
36	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.	0.5	11

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37	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.	0.8	11
38	Positron emission tomography/MRI for cardiac diseases assessment. <i>British Journal of Radiology</i> , 2020, 93, 20190836.	1.0	10
39	Molecular imaging in heart failure patients. <i>Clinical and Translational Imaging</i> , 2013, 1, 341-351.	1.1	9
40	Early effects of transcatheter aortic valve replacement on cardiac sympathetic nervous function assessed by ¹²³ I-metaiodobenzylguanidine scintigraphy in patients with severe aortic valve stenosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1657-1667.	3.3	9
41	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.	1.4	9
42	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, 239-243.	0.9	8
43	Indium-111 Antimyosin Antibody Imaging and Thallium-201 Imaging. <i>Japanese Circulation Journal</i> , 1997, 61, 827-835.	1.0	7
44	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.	1.3	7
45	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.	1.1	7
46	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.	0.7	7
47	The role of nuclear medicine in assessments of cardiac dyssynchrony. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1980-1987.	1.4	7
48	Prognostic value of cardiac ¹²³ I-metaiodobenzylguanidine imaging for predicting cardiac events after transcatheter aortic valve replacement. <i>ESC Heart Failure</i> , 2021, 8, 1106-1116.	1.4	7
49	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.	1.2	7
50	Determination of brain tumor recurrence using ¹¹ C-methionine positron emission tomography after radiotherapy. <i>Cancer Science</i> , 2021, 112, 4246-4256.	1.7	7
51	JCS 2021 Guideline on Radiation Safety in Cardiology. <i>Circulation Journal</i> , 2022, 86, 1148-1203.	0.7	7
52	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.	1.0	6
53	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, 405-408.	1.0	5
54	Perspectives of quantitative assessment of myocardial blood flow. <i>Clinical and Translational Imaging</i> , 2018, 6, 321-327.	1.1	5

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55	A Post-marketing Clinical Study to Confirm the Efficacy of ¹⁸ F-fluorodeoxyglucose for the Diagnosis of Myocardial Viability. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 9-20.	0.0	5
56	Dynamic Whole-Body 18F-FDG PET for Minimizing Patient Motion Artifact. <i>Clinical Nuclear Medicine</i> , 2020, 45, 880-882.	0.7	5
57	Advances in Diagnostic Imaging for Cardiac Sarcoidosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 5808.	1.0	5
58	uPAR as a Glioma Imaging Target. <i>Journal of Nuclear Medicine</i> , 2016, 57, 169-170.	2.8	3
59	In vitro uptake and metabolism of [14C]acetate in rabbit atherosclerotic arteries: biological basis for atherosclerosis imaging with [11C]acetate. <i>Nuclear Medicine and Biology</i> , 2018, 56, 21-25.	0.3	3
60	Value of simultaneous assessment of cardiac functions by PET/MRI. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1958-1961.	1.4	3
61	Ischemia and inflammation on chronic kidney disease. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 441-442.	1.4	3
62	Serial changes in cardiac sympathetic nervous function after transcatheter aortic valve replacement: A prospective observational study using 123I-meta-iodobenzylguanidine imaging. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2652-2663.	1.4	3
63	A deep learning method for translating 3DCT to SPECT ventilation imaging: First comparison with ^{81m} Kr-gas SPECT ventilation imaging. <i>Medical Physics</i> , 2022, 49, 4353-4364.	1.6	3
64	New trials for assessment of left atrial dysfunction by FDG-PET. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1563-1565.	1.4	2
65	Dynamic whole-body FDG-PET imaging for oncology studies. <i>Clinical and Translational Imaging</i> , 2022, 10, 249-258.	1.1	2
66	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.	1.1	1
67	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.	0.5	1
68	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.	0.8	1
69	The future of cardiac disease assessment using 18F-FDG PET/CT. <i>Japanese Journal of Radiology</i> , 2021, 39, 511-513.	1.0	1
70	Potential roles of 123I-BMIPP SPECT to assess cardiac sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 936-938.	1.4	1
71	Positron Emission Tomography Myocardial Perfusion Imaging Tracer Choice for Assessment of Myocardial Blood Flow. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 50-52.	0.0	1
72	Measurement of Iodine-Derived Contamination in L-[¹¹ C]Methionine Injection. <i>Radioisotopes</i> , 2018, 67, 75-83.	0.1	1

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73	Quantitative Evaluation of Myocardial Ischemia with Dynamic Perfusion CT. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 79-83.	0.0	1
74	Laser to the heart in coronary artery disease. <i>International Journal of Cardiovascular Imaging</i> , 2000, 16, 279-282.	0.2	0
75	New method for accurate estimations of LV function for small hearts. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1393-1394.	1.4	0
76	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.	0.1	0