

Shinro Matsuo

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,683
citations

279798

23
h-index

330143

37
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94
all docs

94
docs citations

94
times ranked

1165
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Clinical Efficacy of 99mTc-Sestamibi Washout in Patients with Acute Myocardial Infarction and Comparison with Stress Myocardial Imaging with 99mTc -Sestamibi Using a Two-Day Protocol. Iranian Journal of Radiology, 2022, 19, .	0.2	0
2	Renal iodine123-metaiodobenzylguanidine scintigraphy relates to muscle sympathetic nervous activity in heart failure with reduced ejection fraction. Autonomic Neuroscience: Basic and Clinical, 2020, 226, 102671.	2.8	0
3	Predictive value of electrocardiography-gated myocardial perfusion imaging to new-onset heart failure in patients with chronic kidney disease: findings from the J-ACCESS 3 study. International Journal of Cardiovascular Imaging, 2020, 36, 749-755.	1.5	3
4	Ability of artificial intelligence to diagnose coronary artery stenosis using hybrid images of coronary computed tomography angiography and myocardial perfusion SPECT. European Journal of Hybrid Imaging, 2019, 3, 4.	1.5	10
5	Impact of iterative reconstruction with resolution recovery in myocardial perfusion SPECT: phantom and clinical studies. Scientific Reports, 2019, 9, 19618.	3.3	4
6	Accuracy of an artificial neural network for detecting a regional abnormality in myocardial perfusion SPECT. Annals of Nuclear Medicine, 2019, 33, 86-92.	2.2	16
7	Characteristics of iodine-123 IQ-SPECT/CT imaging compared with conventional SPECT/CT. Annals of Nuclear Medicine, 2019, 33, 103-111.	2.2	9
8	Making the invisible visible: Phase dyssynchrony has potential as a new prognostic marker. Journal of Nuclear Cardiology, 2019, 26, 298-302.	2.1	9
9	Artificial neural network retrained to detect myocardial ischemia using a Japanese multicenter database. Annals of Nuclear Medicine, 2018, 32, 303-310.	2.2	24
10	Prognostic value of normal stress myocardial perfusion imaging and ventricular function in Japanese patients with chronic kidney disease: a study based on the J-ACCESS-3 database. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1101-1107.	6.4	3
11	Validation of 2-year 123I-meta-iodobenzylguanidine-based cardiac mortality risk model in chronic heart failure. European Heart Journal Cardiovascular Imaging, 2018, 19, 749-756.	1.2	22
12	Is 123I-metaiodobenzylguanidine heart-to-mediastinum ratio dependent on age? From Japanese Society of Nuclear Medicine normal database. Annals of Nuclear Medicine, 2018, 32, 175-181.	2.2	17
13	Ability of the prognostic model of J-ACCESS study to predict cardiac events in a clinical setting: The APPROACH study. Journal of Cardiology, 2018, 72, 81-86.	1.9	7
14	Creation and characterization of normal myocardial perfusion imaging databases using the IQÂ-SPECT system. Journal of Nuclear Cardiology, 2018, 25, 1328-1337.	2.1	17
15	Behavioural and Cognitive Changes in Lewy Body Dementias. Behavioural Neurology, 2018, 2018, 1-2.	2.1	1
16	Nuclear Cardiology Approach in Takotsubo Syndrome. Annals of Nuclear Cardiology, 2018, 4, 105-109.	0.2	1
17	Comparison of phase dyssynchrony analysis using gated myocardial perfusion imaging with four software programs: Based on the Japanese Society of Nuclear Medicine working group normal database. Journal of Nuclear Cardiology, 2017, 24, 611-621.	2.1	63
18	Significant correlation between renal 123I-metaiodobenzylguanidine scintigraphy and muscle sympathetic nerve activity in patients with primary hypertension. Journal of Nuclear Cardiology, 2017, 24, 363-371.	2.1	6

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19	IQ-SPECT for thallium-201 myocardial perfusion imaging: effect of normal databases on quantification. <i>Annals of Nuclear Medicine</i> , 2017, 31, 454-461.	2.2	5
20	Characteristics of single- and dual-photopeak energy window acquisitions with thallium-201 IQ-SPECT/CT system. <i>Annals of Nuclear Medicine</i> , 2017, 31, 529-535.	2.2	6
21	Comparison of diagnostic performance of four software packages for phase dyssynchrony analysis in gated myocardial perfusion SPECT. <i>EJNMMI Research</i> , 2017, 7, 27.	2.5	30
22	Diagnostic accuracy of an artificial neural network compared with statistical quantitation of myocardial perfusion images: a Japanese multicenter study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2280-2289.	6.4	57
23	Validation of Left Ventricular Ejection Fraction with the IQ-SPECT System in Small-Heart Patients. <i>Journal of Nuclear Medicine Technology</i> , 2017, 45, 201-207.	0.8	8
24	Reducing the small-heart effect in pediatric gated myocardial perfusion single-photon emission computed tomography. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1378-1388.	2.1	14
25	IQ-SPECT technology and its clinical applications using multicenter normal databases. <i>Annals of Nuclear Medicine</i> , 2017, 31, 649-659.	2.2	20
26	Technical Aspects. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 68-72.	0.2	10
27	Cardiac Time-of-flight PET for Evaluating Myocardial Perfusion with ^{13}N -ammonia. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 73-78.	0.2	2
28	Normal values and standardization of parameters in nuclear cardiology: Japanese Society of Nuclear Medicine working group database. <i>Annals of Nuclear Medicine</i> , 2016, 30, 188-199.	2.2	99
29	Prognostic Value of Cardiac Sympathetic Nerve Imaging Using Long-Term Follow-up Data "Ischemic vs. Non-Ischemic Heart Failure Etiology". <i>Circulation Journal</i> , 2016, 80, 435-441.	1.6	11
30	The time has come to standardize ^{123}I -MIBG heart-to-mediastinum ratios including planar and SPECT methods. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 386-388.	6.4	16
31	Creation of mortality risk charts using ^{123}I meta-iodobenzylguanidine heart-to-mediastinum ratio in patients with heart failure: 2- and 5-year risk models. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1138-1145.	1.2	41
32	Development and validation of a direct-comparison method for cardiac ^{123}I -metaiodobenzylguanidine washout rates derived from late 3-hour and 4-hour imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 319-325.	6.4	14
33	Quantitative Assessment of Regional Myocardial Blood Flow with Clinical SPECT. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 111-121.	0.2	2
34	^{18}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
35	Cardiac Time-of-flight PET for Evaluating Myocardial Perfusion with ^{13}N -ammonia. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 73-78.	0.2	1
36	Quantitative Assessment of Regional Myocardial Blood Flow with Clinical SPECT. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 111-121.	0.2	0

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37	¹⁸F-FDG PET Viability Assessment for the Improvements of Prognosis of the Patients with Left Ventricular Dysfunction. Annals of Nuclear Cardiology, 2016, 2, 53-55.	0.2	0
38	Technical Aspects. Annals of Nuclear Cardiology, 2016, 2, 68-72.	0.2	2
39	Nuclear myocardial perfusion imaging using thallium-201 with a novel multifocal collimator SPECT/CT: IQ-SPECT versus conventional protocols in normal subjects. Annals of Nuclear Medicine, 2015, 29, 452-459.	2.2	30
40	Assessment of Cardiac Sympathetic Nerve Function Using ¹²³I-meta-Iodobenzylguanidine Scintigraphy. Annals of Nuclear Cardiology, 2015, 1, 27-34.	0.2	15
41	Optimization of iterative reconstruction parameters with attenuation correction, scatter correction and resolution recovery in myocardial perfusion SPECT/CT. Annals of Nuclear Medicine, 2014, 28, 60-68.	2.2	25
42	Diagnostic utility of 123I-BMIPP imaging in patients with Takotsubo cardiomyopathy. Journal of Cardiology, 2014, 64, 49-56.	1.9	36
43	A prediction model for 5-year cardiac mortality in patients with chronic heart failure using 123I-metaiodobenzylguanidine imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1673-1682.	6.4	51
44	Editorial: Regadenoson: An adenosine A2A receptor agonist for pharmacological myocardial perfusion imaging. Journal of Cardiology Cases, 2014, 10, 46-47.	0.5	2
45	Improved quantification of small hearts for gated myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1163-1170.	6.4	50
46	Evaluation of Cardiac Mitochondrial Function by a Nuclear Imaging Technique using Technetium-99m-MIBI Uptake Kinetics. Asia Oceania Journal of Nuclear Medicine and Biology, 2013, 1, 39-43.	0.1	3
47	Phase Analysis Using Gated Myocardial Perfusion Single-Photon Emission Computed Tomography Imaging for Evaluating Cardiac Dyssynchrony. Circulation Journal, 2012, 76, 1832-1833.	1.6	9
48	Standardization of metaiodobenzylguanidine heart to mediastinum ratio using a calibration phantom: effects of correction on normal databases and a multicentre study. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 113-119.	6.4	87
49	Cause of apical thinning on attenuation-corrected myocardial perfusion SPECT. Nuclear Medicine Communications, 2011, 32, 1033-1039.	1.1	20
50	Estimation of Cardiac Event Risk by Gated Myocardial Perfusion Imaging and Quantitative Scoring Methods Based on a Multi-Center J-ACCESS Database. Circulation Journal, 2011, 75, 2417-2423.	1.6	22
51	Quantification of myocardial perfusion SPECT using freeware package (cardioBull). Annals of Nuclear Medicine, 2011, 25, 571-579.	2.2	13
52	The relationship between stress-induced myocardial ischemia and coronary artery atherosclerosis measured by hybrid SPECT/CT camera. Annals of Nuclear Medicine, 2011, 25, 650-656.	2.2	12
53	Semi-automated algorithm for calculating heart-to-mediastinum ratio in cardiac Iodine-123 MIBG imaging. Journal of Nuclear Cardiology, 2011, 18, 82-89.	2.1	88
54	Prognostic Value of Normal Stress Myocardial Perfusion Imaging and Ventricular Function in Japanese Asymptomatic Patients With Type 2 Diabetes - A Study Based on the J-ACCESS-2 Database -. Circulation Journal, 2010, 74, 1916-1921.	1.6	28

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55	The validity of multi-center common normal database for identifying myocardial ischemia: Japanese Society of Nuclear Medicine working group database. <i>Annals of Nuclear Medicine</i> , 2010, 24, 99-105.	2.2	14
56	Assessment of diastolic function using 16-frame 201Tl-gated myocardial perfusion SPECT. <i>Annals of Nuclear Medicine</i> , 2010, 24, 625-625.	2.2	2
57	Clinical use of nuclear cardiology in the assessment of heart failure. <i>World Journal of Cardiology</i> , 2010, 2, 344.	1.5	13
58	Attenuation correction of myocardial SPECT by scatter-photopeak window method in normal subjects. <i>Annals of Nuclear Medicine</i> , 2009, 23, 501-506.	2.2	15
59	Characterization of Japanese standards for myocardial sympathetic and metabolic imaging in comparison with perfusion imaging. <i>Annals of Nuclear Medicine</i> , 2009, 23, 517-522.	2.2	32
60	Clinical usefulness of novel cardiac MDCT/SPECT fusion image. <i>Annals of Nuclear Medicine</i> , 2009, 23, 579-586.	2.2	9
61	The importance of population-specific normal database for quantification of myocardial ischemia: comparison between Japanese 360 and 180-degree databases and a US database. <i>Journal of Nuclear Cardiology</i> , 2009, 16, 422-430.	2.1	57
62	Standardization of the heart-to-mediastinum ratio of 123I-labelled-metaiodobenzylguanidine uptake using the dual energy window method: feasibility of correction with different camera collimator combinations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 560-566.	6.4	31
63	Regional wall thickening in gated myocardial perfusion SPECT in a Japanese population: effect of sex, radiotracer, rotation angles and frame rates. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1608-1615.	6.4	17
64	Clinical significance of diastolic function as an indicator of myocardial ischemia assessed by 16-frame gated myocardial perfusion SPECT. <i>Annals of Nuclear Medicine</i> , 2008, 22, 677-683.	2.2	15
65	A giant main pulmonary artery aneurysm associated with infundibular pulmonary stenosis. <i>Cardiovascular Revascularization Medicine</i> , 2008, 9, 188-189.	0.8	4
66	Cardiac scintigraphic findings of mitochondrial myopathy, encephalopathy, lactic acidosis and stroke-like episodes: A case report. <i>Experimental and Clinical Cardiology</i> , 2008, 13, 93-5.	1.3	7
67	Prognostic Value of Myocardial Perfusion Single-Photon Emission Computed Tomography for the Prediction of Future Cardiac Events in a Japanese Population A Middle-Term Follow-up Study. <i>Circulation Journal</i> , 2007, 71, 1580-1585.	1.6	49
68	Prognostic Value of Normal Stress Myocardial Perfusion Imaging in Japanese Population A Study Based on the J-ACCESS Study. <i>Circulation Journal</i> , 2007, 72, 611-617.	1.6	50
69	Depiction of a new pulmonary vein variant using multidetector-row computed tomography. <i>Cardiovascular Revascularization Medicine</i> , 2007, 8, 207-208.	0.8	1
70	A novel clinical indicator using Tc-99m sestamibi for evaluating cardiac mitochondrial function in patients with cardiomyopathies. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 215-220.	2.1	61
71	Churg's Strauss syndrome presenting with massive pericardial effusion. <i>Heart and Vessels</i> , 2007, 22, 128-130.	1.2	5
72	Cardioverter defibrillator implantation in a patient with double chambered right ventricle. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 459-462.	1.5	3

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73	The role of impaired sympathetic nerve function in enhancing coronary vasoconstriction in patients with hypertrophic cardiomyopathy. <i>Experimental and Clinical Cardiology</i> , 2007, 12, 37-41.	1.3	2
74	Primary malignant lymphoma of the right atrium resulting in superior vena caval syndrome in an HIV-positive patient: depiction at multislice computed tomography and magnetic resonance imaging. <i>Cardiovascular Revascularization Medicine</i> , 2006, 7, 255-257.	0.8	4
75	Scintigraphic Evaluation of Cardiac Metabolism and Sympathetic Nerve Function in Alcoholic Cardiomyopathy. <i>Internal Medicine</i> , 2006, 45, 465-467.	0.7	2
76	Evaluation of cardiac resynchronization therapy in drug-resistant dilated-phase hypertrophic cardiomyopathy by means of Tc-99m sestamibi ECG-gated SPECT. <i>Annals of Nuclear Medicine</i> , 2006, 20, 643-647.	2.2	11
77	Impact of endothelial dysfunction on left ventricular remodeling after successful primary coronary angioplasty for acute myocardial infarction – Analysis by quantitative ECG-gated SPECT. <i>Annals of Nuclear Medicine</i> , 2006, 20, 57-62.	2.2	12
78	Dilated cardiomyopathy relieved as a result of β -blocker therapy: A case report – key points in assessment of prognosis based on MIBG myocardial scintigraphy and BNP levels. <i>Annals of Nuclear Medicine</i> , 2005, 19, 243-246.	2.2	6
79	Anomaly of the left atrium in patients with atrial fibrillation detected by ECG-gated multi-slice computed tomography. <i>International Journal of Cardiovascular Imaging</i> , 2005, 21, 455-458.	1.5	5
80	Visual assessment of coronary artery stenosis with electrocardiographically-gated multislice computed tomography. <i>International Journal of Cardiovascular Imaging</i> , 2004, 20, 61-66.	1.5	19
81	Prognostic value of ECG-gated thallium-201 single-photon emission tomography in patients with coronary artery disease. <i>Annals of Nuclear Medicine</i> , 2004, 18, 617-622.	2.2	24
82	The Relationship Between Flow-Mediated Brachial Artery Vasodilation and Coronary Vasomotor Responses to Bradykinin: Comparison with Those to Acetylcholine. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, 164-170.	1.9	30
83	Scintigraphic Evaluation of Cardiac Metabolism in Multicentric Castleman's Disease. <i>Internal Medicine</i> , 2004, 43, 490-492.	0.7	4
84	Prognostic value of iodine-123 metaiodobenzylguanidine imaging in patients with heart failure. <i>Experimental and Clinical Cardiology</i> , 2003, 8, 95-8.	1.3	5
85	Noninvasive identification of myocardial sympathetic and metabolic abnormalities in a patient with restrictive cardiomyopathy – In comparison with perfusion imaging. <i>Annals of Nuclear Medicine</i> , 2002, 16, 569-572.	2.2	8
86	Impairments of myocardial sympathetic activity may reflect the progression of myocardial damage or dysfunction in hypertrophic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2002, 9, 407-412.	2.1	30
87	Poststress left ventricular function in patients with coronary artery disease measured by Tl-201 ECG-gated SPECT. <i>Experimental and Clinical Cardiology</i> , 2002, 7, 30-4.	1.3	4
88	Detection of coronary microvascular disease by means of cardiac scintigraphy. <i>Canadian Journal of Cardiology</i> , 2002, 18, 183-6.	1.7	14
89	Detection of denervated but viable myocardium in cardiac sarcoidosis with I-123 MIBG and Tl-201 SPECT imaging. <i>Annals of Nuclear Medicine</i> , 2001, 15, 373-375.	2.2	21
90	Cardiac Sympathetic Dysfunction in an Athlete's Heart Detected by 123I-Metaiodobenzylguanidine Scintigraphy. <i>Japanese Circulation Journal</i> , 2001, 65, 371-374.	1.0	20

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91	Myocardial Metabolic Abnormalities in Hypertrophic Cardiomyopathy Assessed by Iodine-123-Labeled Beta-Methyl-Branched Fatty Acid Myocardial Scintigraphy and its Relation to Exercise-Induced Ischemia. Japanese Circulation Journal, 1998, 62, 167-172.	1.0	32