Robert A Dekemp

List of Publications by Year
in descending order

182 papers	7,261 citations	66343 42 h-index	60623 81 g-index
188 all docs	188 docs citations	188 times ranked	4552 citing authors

#	Article	IF	Citations
1	Impaired Myocardial Flow Reserve on Rubidium-82 Positron Emission Tomography Imaging Predicts Adverse Outcomes in Patients Assessed for Myocardial Ischemia. Journal of the American College of Cardiology, 2011, 58, 740-748.	2.8	498
2	F-18-Fluorodeoxyglucose Positron Emission Tomography Imaging-Assisted Management of Patients With Severe Left Ventricular Dysfunction and Suspected Coronary Disease. Journal of the American College of Cardiology, 2007, 50, 2002-2012.	2.8	403
3	Quantification of myocardial blood flow with 82Rb dynamic PET imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1765-1774.	6.4	373
4	Regional Myocardial Sympathetic Denervation Predicts the Risk of Sudden Cardiac Arrest in Ischemic Cardiomyopathy. Journal of the American College of Cardiology, 2014, 63, 141-149.	2.8	351
5	What is the Prognostic Value of Myocardial Perfusion Imaging Using Rubidium-82 Positron Emission Tomography?. Journal of the American College of Cardiology, 2006, 48, 1029-1039.	2.8	333
6	Does Rubidium-82 PET Have Superior Accuracy to SPECT Perfusion Imaging for the Diagnosis of Obstructive Coronary Disease?. Journal of the American College of Cardiology, 2012, 60, 1828-1837.	2.8	297
7	Does quantification of myocardial flow reserve using rubidium-82 positron emission tomography facilitate detection of multivessel coronary artery disease?. Journal of Nuclear Cardiology, 2012, 19, 670-680.	2.1	252
8	Positron emission tomography and recovery following revascularization (PARR-1): the importance of scar and the development of a prediction rule for the degree of recovery of left ventricular function. Journal of the American College of Cardiology, 2002, 40, 1735-1743.	2.8	174
9	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. Journal of Nuclear Medicine, 2018, 59, 273-293.	5.0	163
10	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. Journal of Nuclear Cardiology, 2018, 25, 269-297.	2.1	151
11	Quantification of myocardial blood flow and flow reserve: Technical aspects. Journal of Nuclear Cardiology, 2010, 17, 555-570.	2.1	149
12	Quantification of Myocardial Blood Flow inÂAbsolute Terms Using 82Rb PET Imaging. JACC: Cardiovascular Imaging, 2014, 7, 1119-1127.	5.3	144
13	Dynamic SPECT Measurement of Absolute Myocardial Blood Flow in a Porcine Model. Journal of Nuclear Medicine, 2014, 55, 1685-1691.	5.0	134
14	Intra- and inter-operator repeatability of myocardial blood flow and myocardial flow reserve measurements using rubidium-82 pet and a highly automated analysis program. Journal of Nuclear Cardiology, 2010, 17, 600-616.	2.1	126
15	Patient-Centered Imaging. Journal of the American College of Cardiology, 2014, 63, 1480-1489.	2.8	122
16	Multisoftware Reproducibility Study of Stress and Rest Myocardial Blood Flow Assessed with 3D Dynamic PET/CT and a 1-Tissue-Compartment Model of ⁸²Rb Kinetics. Journal of Nuclear Medicine, 2013, 54, 571-577.	5.0	110
17	Reduced Myocardial Flow in Heart Failure Patients With Preserved Ejection Fraction. Circulation: Heart Failure, 2016, 9, .	3.9	99
18	Prevalence of Cardiac Sarcoidosis in Patients Presenting with Monomorphic Ventricular Tachycardia. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 364-374.	1.2	96

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19	Prognostic Value of Rubidium-82 Positron Emission Tomography in Patients After Heart Transplant. Circulation: Cardiovascular Imaging, 2014, 7, 930-937.	2.6	96
20	Repeatability of Rest and Hyperemic Myocardial Blood Flow Measurements with ⁸²Rb Dynamic PET. Journal of Nuclear Medicine, 2009, 50, 68-71.	5.0	92
21	Optimization of SPECT Measurement of Myocardial Blood Flow with Corrections for Attenuation, Motion, and Blood Binding Compared with PET. Journal of Nuclear Medicine, 2017, 58, 2013-2019.	5.0	88
22	Will 3-dimensional PET-CT enable the routine quantification of myocardial blood flow?. Journal of Nuclear Cardiology, 2007, 14, 380-397.	2.1	86
23	Effects of Short-Term Continuous Positive Airway Pressure on Myocardial Sympathetic Nerve Function and Energetics in Patients With Heart Failure and Obstructive Sleep Apnea. Circulation, 2014, 130, 892-901.	1.6	80
24	Radiation Safety in Children With Congenital and Acquired Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 797-818.	5.3	78
25	Absolute myocardial flow quantification with 82Rb PET/CT: comparison of different software packages and methods. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 126-135.	6.4	77
26	PET Assessment of Epicardial Intimal Disease and Microvascular Dysfunction in Cardiac Allograft Vasculopathy. Journal of the American College of Cardiology, 2018, 71, 1444-1456.	2.8	71
27	Short-term repeatability of resting myocardial blood flow measurements using rubidium-82 PET imaging. Journal of Nuclear Cardiology, 2012, 19, 997-1006.	2.1	68
28	Patient motion effects on the quantification of regional myocardial blood flow with dynamic PET imaging. Medical Physics, 2016, 43, 1829-1840.	3.0	68
29	The Effects of Continuous Positive Airway Pressure on Myocardial Energetics in Patients With Heart Failure and Obstructive Sleep Apnea. Journal of the American College of Cardiology, 2007, 49, 450-458.	2.8	66
30	Regional 11C-hydroxyephedrine retention in hibernating myocardium: chronic inhomogeneity of sympathetic innervation in the absence of infarction. Journal of Nuclear Medicine, 2005, 46, 1368-74.	5.0	65
31	Relation Between Right Ventricular Function and Increased Right Ventricular [¹⁸ F]Fluorodeoxyglucose Accumulation in Patients With Heart Failure. Circulation: Cardiovascular Imaging, 2011, 4, 59-66.	2.6	63
32	Characterization of 3-Dimensional PET Systems for Accurate Quantification of Myocardial Blood Flow. Journal of Nuclear Medicine, 2017, 58, 103-109.	5.0	61
33	Long-Term Follow-Up of Outcomes With F-18-Fluorodeoxyglucose Positron Emission Tomography Imagingâ€“Assisted Management of Patients With Severe Left Ventricular Dysfunction Secondary to Coronary Disease. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	60
34	Imaging atherosclerosis with hybrid [18F]fluorodeoxyglucose positron emission tomography/computed tomography imaging: What Leonardo da Vinci could not see. Journal of Nuclear Cardiology, 2012, 19, 1211-1225.	2.1	55
35	Characterizing the normal range of myocardial blood flow with 82rubidium and 13N-ammonia PET imaging. Journal of Nuclear Cardiology, 2013, 20, 578-591.	2.1	54
36	Feasibility and operator variability of myocardial blood flow and reserve measurements with 99mTc-sestamibi quantitative dynamic SPECT/CT imaging. Journal of Nuclear Cardiology, 2014, 21, 1075-1088.	2.1	54

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37	Prediction of Arrhythmic Events with Positron Emission Tomography: PAREPET study design and methods. Contemporary Clinical Trials, 2006, 27, 374-388.	1.8	53
38	Shifts in myocardial fatty acid and glucose metabolism in pulmonary arterial hypertension: a potential mechanism for a maladaptive right ventricular response. European Heart Journal Cardiovascular Imaging, 2016, 17, 1424-1431.	1.2	53
39	Alternative Imaging Modalities in Ischemic Heart Failure (AIMI-HF) IMAGE HF Project I-A: study protocol for a randomized controlled trial. Trials, 2013, 14, 218.	1.6	51
40	Incremental Diagnostic Value of Regional Myocardial Blood Flow Quantification Over Relative Perfusion Imaging With Generator-Produced Rubidium-82 PET. Circulation Journal, 2011, 75, 2628-2634.	1.6	50
41	Application of Cardiac Molecular Imaging Using Positron Emission Tomography in Evaluation of Drug and Therapeutics for Cardiovascular Disorders. Current Pharmaceutical Design, 2005, 11, 903-932.	1.9	46
42	Consistent tracer administration profile improves testâ€“retest repeatability of myocardial blood flow quantification with 82Rb dynamic PET imaging. Journal of Nuclear Cardiology, 2018, 25, 929-941.	2.1	45
43	Measuring coronary artery calcification using positron emission tomography-computed tomography attenuation correction images. European Heart Journal Cardiovascular Imaging, 2012, 13, 786-792.	1.2	43
44	[18F]-Fluorodeoxyglucose PET/CT imaging as a marker of carotid plaque inflammation: Comparison to immunohistology and relationship to acuity of events. International Journal of Cardiology, 2018, 271, 378-386.	1.7	41
45	Accuracy of low-dose rubidium-82 myocardial perfusion imaging for detection of coronary artery disease using 3D PET and normal database interpretation. Journal of Nuclear Cardiology, 2012, 19, 1135-1145.	2.1	40
46	Clinical Interpretation Standards and Quality Assurance for the Multicenter PET/CT Trial Rubidium-ARMI. Journal of Nuclear Medicine, 2014, 55, 58-64.	5.0	40
47	Nuclear Imaging of the Cardiac Sympathetic Nervous System. JACC: Cardiovascular Imaging, 2020, 13, 1036-1054.	5.3	40
48	PET and SPECT Tracers for Myocardial Perfusion Imaging. Seminars in Nuclear Medicine, 2020, 50, 208-218.	4.6	39
49	[18 F]-NaF PET/CT Identifies Active Calcification in Carotid Plaque. JACC: Cardiovascular Imaging, 2017, 10, 486-488.	5.3	38
50	Biodistribution and radiation dosimetry of 82Rb at rest and during peak pharmacological stress in patients referred for myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1032-1042.	6.4	37
51	Manufacture of strontium-82/rubidium-82 generators and quality control of rubidium-82 chloride for myocardial perfusion imaging in patients using positron emission tomography. Applied Radiation and Isotopes, 1999, 50, 1015-1023.	1.5	36
52	Quantitative analysis of coronary endothelial function with generator-produced 82Rb PET: comparison with 15O-labelled water PET. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 2233-2241.	6.4	35
53	Repeatable Noninvasive Measurement of Mouse Myocardial Glucose Uptake with ¹⁸F-FDG: Evaluation of Tracer Kinetics in a Type 1 Diabetes Model. Journal of Nuclear Medicine, 2013, 54, 1637-1644.	5.0	35
54	The role of integrin Î±2 in cell and matrix therapy that improves perfusion, viability and function of infarcted myocardium. Biomaterials, 2014, 35, 4749-4758.	11.4	34

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55	Clinical PET Myocardial Perfusion Imaging and Flow Quantification. Cardiology Clinics, 2016, 34, 69-85.	2.2	34
56	Inter- and Intraobserver Agreement of ¹⁸F-FDG PET/CT Image Interpretation in Patients Referred for Assessment of Cardiac Sarcoidosis. Journal of Nuclear Medicine, 2017, 58, 1324-1329.	5.0	32
57	Quantification of regional myocardial blood flow estimation with three-dimensional dynamic rubidium-82 PET and modified spillover correction model. Journal of Nuclear Cardiology, 2012, 19, 763-774.	2.1	31
58	Cardiac PET: Metabolic and Functional Imaging of the Myocardium. Seminars in Nuclear Medicine, 2013, 43, 434-448.	4.6	31
59	Automated determination of the left ventricular long axis in cardiac positron tomography. Physiological Measurement, 1996, 17, 95-108.	2.1	29
60	¹⁸F-FDG Cell Labeling May Underestimate Transplanted Cell Homing: More Accurate, Efficient, and Stable Cell Labeling with Hexadecyl-4-[¹⁸F]Fluorobenzoate for in Vivo Tracking of Transplanted Human Progenitor Cells by Positron Emission Tomography. Cell Transplantation, 2012, 21, 1821-1835.	2.5	29
61	Myocardial blood flow quantification by Rb-82 cardiac PET/CT: A detailed reproducibility study between two semi-automatic analysis programs. Journal of Nuclear Cardiology, 2016, 23, 499-510.	2.1	29
62	Testâ€“retest repeatability of quantitative cardiac 11C-meta-hydroxyephedrine measurements in rats by small animal positron emission tomography. Nuclear Medicine and Biology, 2013, 40, 676-681.	0.6	28
63	Single low-dose CT scan optimized for rest-stress PET attenuation correction and quantification of coronary artery calcium. Journal of Nuclear Cardiology, 2015, 22, 419-428.	2.1	27
64	Current and Future Clinical Applications of Cardiac Positron Emission Tomography. Circulation Journal, 2013, 77, 836-848.	1.6	25
65	Status of cardiovascular PET radiation exposure and strategies for reduction: An Information Statement from the Cardiovascular PET Task Force. Journal of Nuclear Cardiology, 2017, 24, 1427-1439.	2.1	24
66	Effects of an endothelin receptor antagonist, Macitentan, on right ventricular substrate utilization and function in a Sugen 5416/hypoxia rat model of severe pulmonary arterial hypertension. Journal of Nuclear Cardiology, 2017, 24, 1979-1989.	2.1	23
67	Evaluation of outcome and cost-effectiveness using an FDG PET-guided approach to management of patients with coronary disease and severe left ventricular dysfunction (PARR-2): rationale, design, and methods. Contemporary Clinical Trials, 2003, 24, 776-794.	1.9	22
68	PET imaging of a collagen matrix reveals its effective injection and targeted retention in a mouse model of myocardial infarction. Biomaterials, 2015, 49, 18-26.	11.4	20
69	N-Terminal Pro B-Type Natriuretic Peptide and High-Sensitivity Cardiac Troponin T Levels Are Related to the Extent of Hibernating Myocardium in Patients With Ischemic Heart Failure. Canadian Journal of Cardiology, 2017, 33, 1478-1488.	1.7	20
70	The Future of Cardiac Molecular Imaging. Seminars in Nuclear Medicine, 2020, 50, 367-385.	4.6	19
71	Coronary x-ray angiographic reconstruction and image orientation. Medical Physics, 2006, 33, 707-718.	3.0	18
72	Kinetic modelâ€based factor analysis of dynamic sequences for 82â€rubidium cardiac positron emission tomography. Medical Physics, 2010, 37, 3995-4010.	3.0	18

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73	An abbreviated hyperinsulinemic-euglycemic clamp results in similar myocardial glucose utilization in both diabetic and non-diabetic patients with ischemic cardiomyopathy. Journal of Nuclear Cardiology, 2010, 17, 637-645.	2.1	18
74	Effects of Hypercapnia on Myocardial Blood Flow in Healthy Human Subjects. Journal of Nuclear Medicine, 2018, 59, 100-106.	5.0	18
75	Coronary artery microvascular dysfunction: Role of sex and arterial load. International Journal of Cardiology, 2018, 270, 42-47.	1.7	18
76	Application of Hybrid Matrix Metalloproteinase-Targeted and Dynamic ²⁰¹ Tl Single-Photon Emission Computed Tomography/Computed Tomography Imaging for Evaluation of Early Post-Myocardial Infarction Remodeling. Circulation: Cardiovascular Imaging, 2019, 12, e009055.	2.6	18
77	PET Metabolic Biomarkers for Cancer. Biomarkers in Cancer, 2016, 8s2, BIC.S27483.	3.6	17
78	PET of (R)-¹¹C-Rolipram Binding to Phosphodiesterase-4 Is Reproducible and Sensitive to Increased Norepinephrine in the Rat Heart. Journal of Nuclear Medicine, 2011, 52, 263-269.	5.0	16
79	Insulin restores myocardial presynaptic sympathetic neuronal integrity in insulin-resistant diabetic rats. Journal of Nuclear Cardiology, 2013, 20, 845-856.	2.1	16
80	Respiratory phase alignment improves blood-flow quantification in Rb82 PET myocardial perfusion imaging. Medical Physics, 2013, 40, 022503.	3.0	16
81	Clinical performance of Rb-82 myocardial perfusion PET and Tc-99m-based SPECT in patients with extreme obesity. Journal of Nuclear Cardiology, 2019, 26, 275-283.	2.1	16
82	Test-Retest Precision of Myocardial Blood Flow Measurements With ^{99m} Tc-Tetrofosmin and Solid-State Detector Single Photon Emission Computed Tomography. Circulation: Cardiovascular Imaging, 2020, 13, e009769.	2.6	16
83	Regional Distribution of Fluorine-18-Flubrobenguane and Carbon-11-Hydroxyephedrine for Cardiac PET Imaging of Sympathetic Innervation. JACC: Cardiovascular Imaging, 2021, 14, 1425-1436.	5.3	16
84	Radionuclide Tracers for Myocardial Perfusion Imaging and Blood Flow Quantification. Cardiology Clinics, 2016, 34, 37-46.	2.2	15
85	Phase analysis of gated PET in the evaluation of mechanical ventricular synchrony: A narrative overview. Journal of Nuclear Cardiology, 2019, 26, 1904-1913.	2.1	15
86	Validation of a Multimodality Flow Phantom and Its Application for Assessment of Dynamic SPECT and PET Technologies. IEEE Transactions on Medical Imaging, 2017, 36, 132-141.	8.9	14
87	Prognostic utility of splenic response ratio in dipyridamole PET myocardial perfusion imaging. Journal of Nuclear Cardiology, 2019, 26, 1888-1897.	2.1	14
88	A infusion system for quantitative perfusion imaging with 3D PET. Applied Radiation and Isotopes, 2004, 60, 921-927.	1.5	13
89	SPECT blood pool phase analysis can accurately and reproducibly quantify mechanical dyssynchrony. Journal of Nuclear Cardiology, 2010, 17, 803-810.	2.1	13
90	Quantification of myocardial blood flow using PET to improve the management of patients with stable ischemic coronary artery disease. Future Cardiology, 2014, 10, 611-631.	1.2	13

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91	Repeatable and reproducible measurements of myocardial oxidative metabolism, blood flow and external efficiency using 11C-acetate PET. Journal of Nuclear Cardiology, 2018, 25, 1912-1925.	2.1	13
92	Quantitative blood flow evaluation of vasodilation-stress compared with dobutamine-stress in patients with end-stage liver disease using 82Rb PET/CT. Journal of Nuclear Cardiology, 2020, 27, 2048-2059.	2.1	12
93	Prognostic utility of longitudinal quantification of PET myocardial blood flow early post heart transplantation. Journal of Nuclear Cardiology, 2022, 29, 712-723.	2.1	12
94	Validation of multiparametric rubidium-82 PET myocardial blood flow quantification for cardiac allograft vasculopathy surveillance. Journal of Nuclear Cardiology, 2021, 28, 2286-2298.	2.1	12
95	Quantification of regional myocardial blood flow in a canine model of stunned and infarcted myocardium: comparison of rubidium-82 positron emission tomography with microspheres. Nuclear Medicine Communications, 2010, 31, 67-74.	1.1	11
96	Uniformity and repeatability of normal resting myocardial blood flow in rats using [13N]-ammonia and small animal PET. Nuclear Medicine Communications, 2012, 33, 917-925.	1.1	11
97	Rubidium-82 generator yield and efficiency for PET perfusion imaging: Comparison of two clinical systems. Journal of Nuclear Cardiology, 2020, 27, 1728-1738.	2.1	11
98	Preclinical Evaluation of Biopolymer-Delivered Circulating Angiogenic Cells in a Swine Model of Hibernating Myocardium. Circulation: Cardiovascular Imaging, 2013, 6, 982-991.	2.6	10
99	SPECT gated blood pool phase analysis of lateral wall motion for prediction of CRT response. International Journal of Cardiovascular Imaging, 2014, 30, 559-569.	1.5	10
100	Early diabetes treatment does not prevent sympathetic dysinnervation in the streptozotocin diabetic rat heart. Journal of Nuclear Cardiology, 2014, 21, 829-841.	2.1	10
101	PET imaging of sympathetic innervation with [18F]Flurobenguan vs [11C]mHED in a patient with ischemic cardiomyopathy. Journal of Nuclear Cardiology, 2019, 26, 2151-2153.	2.1	10
102	Randomized Trial Comparing the Effects of Ticagrelor Versus Clopidogrel on Myocardial Perfusion in Patients With Coronary Artery Disease. Journal of the American Heart Association, 2017, 6, .	3.7	10
103	Analysis of (R)- and (S)-[11C]rolipram Kinetics in Canine Myocardium for the Evaluation of Phosphodiesterase-4 with PET. Molecular Imaging and Biology, 2012, 14, 225-236.	2.6	9
104	Reduced dose measurement of absolute myocardial blood flow using dynamic SPECT imaging in a porcine model. Medical Physics, 2015, 42, 5075-5083.	3.0	9
105	Reproducible quantification of cardiac sympathetic innervation using graphical modeling of carbon-11-meta-hydroxyephedrine kinetics with dynamic PET-CT imaging. EJNMMI Research, 2018, 8, 63.	2.5	9
106	Effects of Riociguat on Right Ventricular Remodelling in Chronic Thromboembolic Pulmonary Hypertension Patients: A Prospective Study. Canadian Journal of Cardiology, 2018, 34, 1137-1144.	1.7	9
107	Persistent Lung Inflammation After Clinical Resolution of Community-Acquired Pneumonia as Measured by 18FDG-PET/CT Imaging. Chest, 2021, 160, 446-453.	0.8	9
108	Testâ€“retest repeatability of myocardial blood flow and infarct size using 11C-acetate micro-PET imaging in mice. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1589-1600.	6.4	8

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109	False-positive stress PETâ€“CT imaging in a patient with interstitial injection. Journal of Nuclear Cardiology, 2017, 24, 1447-1450.	2.1	8
110	Optimally Repeatable Kinetic Model Variant for Myocardial Blood Flow Measurements with ⁸²Rb PET. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-11.	1.3	8
111	Differential association of diabetes mellitus and female sex with impaired myocardial flow reserve across the spectrum of epicardial coronary disease. European Heart Journal Cardiovascular Imaging, 2020, 21, 576-584.	1.2	8
112	Selection of PET Camera and Implications on the Reliability and Accuracy of Absolute Myocardial Blood Flow Quantification. Current Cardiology Reports, 2020, 22, 109.	2.9	8
113	Increased myocardial oxygen consumption rates are associated with maladaptive right ventricular remodeling and decreased event-free survival in heart failure patients. Journal of Nuclear Cardiology, 2021, 28, 2784-2795.	2.1	8
114	A Clinical Tool to Identify Candidates for Stress-First Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2020, 13, 2193-2202.	5.3	8
115	Clinical comparison of the positron emission tracking (PeTrack) algorithm with the realâ€time position management system for respiratory gating in cardiac positron emission tomography. Medical Physics, 2020, 47, 1713-1726.	3.0	8
116	3D versus 2D dynamic 82Rb myocardial blood flow imaging in a canine model of stunned and infarcted myocardium. Nuclear Medicine Communications, 2010, 31, 75-81.	1.1	7
117	A three-dimensional model-based partial volume correction strategy for gated cardiac mouse PET imaging. Physics in Medicine and Biology, 2012, 57, 4309-4334.	3.0	7
118	Detection and severity classification of extracardiac interference in ⁸²Rb PET myocardial perfusion imaging. Medical Physics, 2014, 41, 102501.	3.0	7
119	Women Image Wisely. JACC: Cardiovascular Imaging, 2016, 9, 385-387.	5.3	7
120	Optimizing Risk Stratification and Noninvasive Diagnosis of Ischemic Heart Disease in Women. Canadian Journal of Cardiology, 2018, 34, 400-412.	1.7	7
121	Saline-push improves rubidium-82 PET image quality. Journal of Nuclear Cardiology, 2019, 26, 1869-1874.	2.1	7
122	Reliable quantification of myocardial sympathetic innervation and regional denervation using [11C]meta-hydroxyephedrine PET. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1722-1735.	6.4	7
123	Atrial Arrhythmias in Clinically Manifest Cardiac Sarcoidosis: Incidence, Burden, Predictors, and Outcomes. Journal of the American Heart Association, 2020, 9, e017086.	3.7	7
124	Comparison of myocardial blood flow and flow reserve with dobutamine and dipyridamole stress using rubidium-82 positron emission tomography. Journal of Nuclear Cardiology, 2021, 28, 34-45.	2.1	7
125	Sensitivity and specificity of chest imaging for sarcoidosis screening in patients with cardiac presentations. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2019, 36, 18-24.	0.2	7
126	Anti-inflammatory effect of rosuvastatin in patients with HIV infection: An FDG-PET pilot study. Journal of Nuclear Cardiology, 2022, 29, 3057-3068.	2.1	7

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127	3D list-mode cardiac PET for simultaneous quantification of myocardial blood flow and ventricular function. , 2008, , .		6
128	Î²2-adrenergic stress evaluation of coronary endothelial-dependent vasodilator function in mice using 11C-acetate micro-PET imaging of myocardial blood flow and oxidative metabolism. EJNMMI Research, 2014, 4, 68.	2.5	6
129	82Rb PET imaging of myocardial blood flowâ€"have we achieved the 4 â€œRâ€s to support routine use?. EJNMMI Research, 2016, 6, 69.	2.5	6
130	Respiratory motion resulting in a pseudo-ischemia pattern on stress PETâ€"CT imaging. Journal of Nuclear Cardiology, 2016, 23, 159-160.	2.1	6
131	Time-frame sampling for 82Rb PET flow quantification: Towards standardization of clinical protocols. Journal of Nuclear Cardiology, 2017, 24, 1530-1534.	2.1	6
132	Patient body motion correction for dynamic cardiac <scp>PET</scp>â€<scp>CT</scp> by attenuationâ€emission alignment according to projection consistency conditions. Medical Physics, 2019, 46, 1697-1706.	3.0	6
133	Internal validation of myocardial flow reserve PET imaging using stress/rest myocardial activity ratios with Rb-82 and N-13-ammonia. Journal of Nuclear Cardiology, 2021, 28, 835-850.	2.1	6
134	Positron Emission Tomography Imaging of Regional Versus Global Myocardial Sympathetic Activity to Improve Risk Stratification in Patients With Ischemic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2021, 14, e012549.	2.6	6
135	Reporting myocardial flow reserve with PET. Ready or not, here it is! But walk before you fly!. Journal of Nuclear Cardiology, 2018, 25, 164-168.	2.1	5
136	Left atrial imaging and registration of fibrosis with conduction voltages using LGE-MRI and electroanatomical mapping. Computers in Biology and Medicine, 2019, 111, 103341.	7.0	5
137	Effect of proton pump inhibitors on Rubidium-82 gastric uptake using positron emission tomography myocardial perfusion imaging. Journal of Nuclear Cardiology, 2020, 27, 1443-1451.	2.1	5
138	Reproducible Quantification of Regional Sympathetic Denervation with [11C]meta-Hydroxyephedrine PET Imaging. Journal of Nuclear Cardiology, 2021, 28, 2745-2757.	2.1	5
139	One-tissue compartment model for myocardial perfusion quantification with N-13 ammonia PET provides matching results: A cross-comparison between Carimas, FlowQuant, and PMOD. Journal of Nuclear Cardiology, 2022, 29, 2543-2550.	2.1	5
140	Constant-Activity-Rate Infusions for Myocardial Blood Flow Quantification with 82Rb and 3D PET. , 2006, , .		4
141	Decreased renal AT1 receptor binding in rats after subtotal nephrectomy: PET study with [18F]FPyKYNE-losartan. EJNMMI Research, 2016, 6, 55.	2.5	4
142	Clinical PET Flow Reserve Imaging. JACC: Cardiovascular Imaging, 2017, 10, 578-581.	5.3	4
143	⁸²Rb is the Best Flow Tracer for High-volume Sites. Annals of Nuclear Cardiology, 2019, 5, 53-62.	0.2	4
144	Exploring Occupational, Recreational, and Environmental Associations in Patients With Clinically Manifest Cardiac Sarcoidosis. CJC Open, 2020, 2, 585-591.	1.5	4

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145	Reproducibility of cardiac magnetic resonance imaging in patients referred for the assessment of cardiac sarcoidosis; implications for clinical practice. International Journal of Cardiovascular Imaging, 2020, 36, 2199-2207.	1.5	4
146	Diagnosis and Prognosis in Cardiac Disease Using Cardiac PET Perfusion Imaging. , 2010, , 309-331.		4
147	Evaluation of the clinical efficacy of the PeTrack motion tracking system for respiratory gating in cardiac PET imaging. Proceedings of SPIE, 2017, , .	0.8	3
148	Reply: Variation in Maximum Counting Rates During Myocardial Blood Flow Quantification Using ⁸²Rb PET. Journal of Nuclear Medicine, 2017, 58, 519-520.	5.0	3
149	False-positive 13N-ammonia positron emission tomography perfusion scan caused by misalignment of adjacent lung activity during attenuation correction. Journal of Nuclear Cardiology, 2018, 25, 1056-1058.	2.1	3
150	SPECT quantification of myocardial blood flow: A journey of a thousand miles begins with a single step (Lao Tzu, Chinese philosopher, 604-531 BC). Journal of Nuclear Cardiology, 2019, 26, 772-774.	2.1	3
151	Motion tracking of lowâ€activity fiducial markers using adaptive region of interest with listâ€mode positron emission tomography. Medical Physics, 2020, 47, 3402-3414.	3.0	3
152	Response to Poitrasson-RiviÃ¨re and Murthy. Journal of Nuclear Cardiology, 2021, 28, 863.	2.1	3
153	Respiratory-motion errors in quantitative myocardial perfusion with PET/CT. , 2007, , .		2
154	Quantification of myocardial perfusion: What will it take to make it to prime time?. Current Cardiovascular Imaging Reports, 2009, 2, 238-249.	0.6	2
155	Incremental prognostic value of coronary flow reserve assessed with single-photon emission computed tomography. Journal of Nuclear Cardiology, 2011, 18, 541-543.	2.1	2
156	Whole-body motion correction in cardiac PET/CT using Positron Emission Tracking: A phantom validation study. , 2018, , .		2
157	Radionuclide Imaging in Decision-Making for Coronary Revascularization in Stable Ischemic Heart Disease. Current Cardiovascular Imaging Reports, 2018, 11, 1.	0.6	2
158	Evolving use of PET viability imaging. Journal of Nuclear Cardiology, 2022, 29, 1000-1002.	2.1	2
159	On the roles of reproducibility, ethics, and statistical modeling in medical research. Journal of Nuclear Cardiology, 2021, 28, 855-858.	2.1	2
160	Metabolic activity of the left and right atria are differentially altered in patients with atrial fibrillation and LV dysfunction. Journal of Nuclear Cardiology, 2022, 29, 2824-2836.	2.1	2
161	Myocardial perfusion quantification with Rb-82 PET: good interobserver agreement of Carimas software on global, regional, and segmental levels. Annals of Nuclear Medicine, 2022, 36, 507-514.	2.2	2
162	List-mode motion tracking for positron emission tomography imaging using low-activity fiducial markers. , 2014, , .		1

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164	Lesion contrast recovery for partial-volume averaging: Quantitative correction or qualitative enhancement?. Journal of Nuclear Cardiology, 2018, 25, 1757-1759.	2.1	1
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