Rob S Beanlands

List of Publications by Year
in descending order

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304 papers	14,640 citations	19657 61 h-index	23533 111 g-index
328 all docs	328 docs citations	328 times ranked	9018 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	Anatomic Versus Physiologic Assessment of Coronary Artery Disease. Journal of the American College of Cardiology, 2013, 62, 1639-1653.	2.8	495
3	ASNC imaging guidelines/SNMMI procedure standard for positron emission tomography (PET) nuclear cardiology procedures. Journal of Nuclear Cardiology, 2016, 23, 1187-1226.	2.1	450
4	The Use of ¹⁸F-FDG PET in the Diagnosis of Cardiac Sarcoidosis: A Systematic Review and Metaanalysis Including the Ontario Experience. Journal of Nuclear Medicine, 2012, 53, 241-248.	5.0	438
5	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
6	Cardiac Sarcoidosis. Journal of the American College of Cardiology, 2016, 68, 411-421.	2.8	400
7	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
8	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
9	Prognostic Value of 64-Slice Cardiac Computed Tomography. Journal of the American College of Cardiology, 2010, 55, 1017-1028.	2.8	256
10	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
11	Potential utility of rubidium 82 PET quantification in patients with 3-vessel coronary artery disease*1. Journal of Nuclear Cardiology, 2004, 11, 440-449.	2.1	246
12	Projected Valve Area at Normal Flow Rate Improves the Assessment of Stenosis Severity in Patients With Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2006, 113, 711-721.	1.6	237
13	Combined Angioplasty and Pharmacological Intervention Versus Thrombolysis Alone in Acute Myocardial Infarction (CAPITAL AMI Study). Journal of the American College of Cardiology, 2005, 46, 417-424.	2.8	221
14	Corticosteroid Therapy for Cardiac Sarcoidosis: AÂSystematic Review. Canadian Journal of Cardiology, 2013, 29, 1034-1041.	1.7	219
15	Predictors of Outcomes in Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2008, 118, S234-42.	1.6	208
16	Allograft Vasculopathy. Journal of the American College of Cardiology, 2016, 68, 80-91.	2.8	205
17	Prognostic Value of Stress Myocardial Perfusion Positron Emission Tomography. Journal of the American College of Cardiology, 2013, 61, 176-184.	2.8	204
18	Effect of Cardiac Resynchronization on Myocardial Efficiency and Regional Oxidative Metabolism. Circulation, 2003, 107, 28-31.	1.6	192

#	Article	IF	Citations
19	Patient Management After Noninvasive Cardiac Imaging. Journal of the American College of Cardiology, 2012, 59, 462-474.	2.8	188
20	Joint SNMMIâ€“ASNC Expert Consensus Document on the Role of ¹⁸F-FDG PET/CT in Cardiac Sarcoid Detection and Therapy Monitoring. Journal of Nuclear Medicine, 2017, 58, 1341-1353.	5.0	187
21	Are the kinetics of technetium-99m methoxyisobutyl isonitrile affected by cell metabolism and viability?. Circulation, 1990, 82, 1802-1814.	1.6	177
22	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
23	Evaluation of simulation-based scatter correction for 3-D PET cardiac imaging. IEEE Transactions on Nuclear Science, 1997, 44, 90-97.	2.0	171
24	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
25	The Effects of Î² ₁ -Blockade on Oxidative Metabolism and the Metabolic Cost of Ventricular Work in Patients With Left Ventricular Dysfunction. Circulation, 2000, 102, 2070-2075.	1.6	161
26	Increasing Benefit From Revascularization Is Associated With Increasing Amounts of Myocardial Hibernation. JACC: Cardiovascular Imaging, 2009, 2, 1060-1068.	5.3	159
27	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
28	Atrioventricular Block as the Initial Manifestation of Cardiac Sarcoidosis in Middleâ€Aged Adults. Journal of Cardiovascular Electrophysiology, 2014, 25, 875-881.	1.7	150
29	Quantification of myocardial blood flow and flow reserve: Technical aspects. Journal of Nuclear Cardiology, 2010, 17, 555-570.	2.1	149
30	Potential Clinical and Economic Consequences of Noncardiac Incidental Findings on Cardiac Computed Tomography. Journal of the American College of Cardiology, 2009, 54, 1533-1541.	2.8	145
31	Noninvasive quantification of regional myocardial flow reserve in patients with coronary atherosclerosis using nitrogen-13 ammonia positron emission tomography. Journal of the American College of Cardiology, 1995, 26, 1465-1475.	2.8	143
32	Validation of Conventional and Simplified Methods to Calculate Projected Valve Area at Normal Flow Rate in Patients With Low Flow, Low Gradient Aortic Stenosis: The Multicenter TOPAS (True or Pseudo) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	142
33	Assessment of Diagnostic Performance of Quantitative Flow Measurements in Normal Subjects and Patients With Angiographically Documented Coronary Artery Disease by Means of Nitrogen-13 Ammonia and Positron Emission Tomography. Journal of the American College of Cardiology, 1998, 31, 534-540.	2.8	136
34	Diagnostic Accuracy and Impact of Computed Tomographic Coronary Angiography on Utilization of Invasive Coronary Angiography. Circulation: Cardiovascular Imaging, 2009, 2, 16-23.	2.6	136
35	¹⁸F-FDG PET Imaging of Myocardial Viability in an Experienced Center with Access to ¹⁸F-FDG and Integration with Clinical Management Teams: The Ottawa-FIVE Substudy of the PARR 2 Trial. Journal of Nuclear Medicine, 2010, 51, 567-574.	5.0	135
36	B-Type Natriuretic Peptide in Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2007, 115, 2848-2855.	1.6	133

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37	Positron emission tomography detects evidence of viability in rest technetium-99m sestamibi defects. Journal of the American College of Cardiology, 1994, 23, 92-98.	2.8	132
38	Joint SNMMIâ€“ASNC expert consensus document on the role of 18F-FDG PET/CT in cardiac sarcoid detection and therapy monitoring. Journal of Nuclear Cardiology, 2017, 24, 1741-1758.	2.1	132
39	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
40	Acute effects of dobutamine on myocardial oxygen consumption and cardiac efficiency measured using carbon-11 acetate kinetics in patients with dilated cardiomyopathy. Journal of the American College of Cardiology, 1993, 22, 1389-1398.	2.8	117
41	Assessment of myocardial ischaemia and viability: role of positron emission tomography. European Heart Journal, 2010, 31, 2984-2995.	2.2	117
42	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
43	Stenting versus thrombolysis in acute myocardial infarction trial (STAT). Journal of the American College of Cardiology, 2001, 37, 985-991.	2.8	98
44	Prevalence of Cardiac Sarcoidosis in Patients Presenting with Monomorphic Ventricular Tachycardia. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 364-374.	1.2	96
45	Prognostic Value of Rubidium-82 Positron Emission Tomography in Patients After Heart Transplant. Circulation: Cardiovascular Imaging, 2014, 7, 930-937.	2.6	96
46	Design of the effect of adaptive servoâ€ventilation on survival and cardiovascular hospital admissions in patients with heart failure and sleep apnoea: the ADVENTâ€HF trial. European Journal of Heart Failure, 2017, 19, 579-587.	7.1	95
47	CCS/CAR/CANM/CNCS/CanSCMR joint position statement on advanced noninvasive cardiac imaging using positron emission tomography, magnetic resonance imaging and multidetector computed tomographic angiography in the diagnosis and evaluation of ischemic heart disease â€“ executive summary. Canadian Journal of Cardiology, 2007, 23, 107-119.	1.7	93
48	Will 3-dimensional PET-CT enable the routine quantification of myocardial blood flow?. Journal of Nuclear Cardiology, 2007, 14, 380-397.	2.1	86
49	Is There an Association Between Clinical Presentation and the Location and Extent of Myocardial Involvement of Cardiac Sarcoidosis as Assessed by ¹⁸ F- Fluorodoexyglucose Positron Emission Tomography?. Circulation: Cardiovascular Imaging, 2013, 6, 617-626.	2.6	83
50	Influence of Sex on Risk Stratification With Stress Myocardial Perfusion Rb-82 Positron Emission Tomography. Journal of the American College of Cardiology, 2013, 62, 1866-1876.	2.8	80
51	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
52	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. European Heart Journal Cardiovascular Imaging, 2017, 18, 1073-1089.	1.2	74
53	The role of F18-fluorodeoxyglucose positron emission tomography in guiding diagnosis and management in patients with known or suspected cardiac sarcoidosis. Journal of Nuclear Cardiology, 2013, 20, 297-306.	2.1	73
54	Pet myocardial perfusion and glucose metabolism imaging: part 2â€”guidelines for interpretation and reporting. Journal of Nuclear Cardiology, 2003, 10, 557-571.	2.1	71

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55	Usefulness of Beta-Blocker Therapy and Outcomes in Patients With Pulmonary Arterial Hypertension. American Journal of Cardiology, 2012, 109, 1504-1509.	1.6	70
56	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
57	Patient motion effects on the quantification of regional myocardial blood flow with dynamic PET imaging. Medical Physics, 2016, 43, 1829-1840.	3.0	68
58	Interobserver and interstudy variability of myocardial blood flow and flow-reserve measurements with nitrogen 13 ammoniaâ€"labeled positron emission tomography*. Journal of Nuclear Cardiology, 1995, 2, 413-422.	2.1	66
59	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
60	Isolated Cardiac Sarcoidosis: Establishing the Diagnosis With Electroanatomic Mapping-Guided Endomyocardial Biopsy. Canadian Journal of Cardiology, 2013, 29, 1015.e1-1015.e3.	1.7	63
61	Treadmill Exercise Produces Larger Perfusion Defects Than Dipyridamole Stress N-13 Ammonia Positron Emission Tomography. Journal of the American College of Cardiology, 2006, 47, 411-416.	2.8	62
62	Prognostic Value of PETÂMyocardialÂPerfusion ImagingÂinÂObese Patients. JACC: Cardiovascular Imaging, 2014, 7, 278-287.	5.3	62
63	Characterization of 3-Dimensional PET Systems for Accurate Quantification of Myocardial Blood Flow. Journal of Nuclear Medicine, 2017, 58, 103-109.	5.0	61
64	American Society of Nuclear Cardiology and Society of Nuclear Medicine and Molecular Imaging Joint Position Statement on the Clinical Indications for Myocardial Perfusion PET. Journal of Nuclear Medicine, 2016, 57, 1654-1656.	5.0	60
65	Sympathetic nervous dysregulation in the absence of systolic left ventricular dysfunction in a rat model of insulin resistance with hyperglycemia. Cardiovascular Diabetology, 2011, 10, 75.	6.8	59
66	Guidance and best practices for nuclear cardiology laboratories during the coronavirus disease 2019 (COVID-19) pandemic: An Information Statement from ASNC and SNMMI. Journal of Nuclear Cardiology, 2020, 27, 1022-1029.	2.1	56
67	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
68	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
69	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
70	Collagen-Based Matrices Improve the Delivery of Transplanted Circulating Progenitor Cells. Circulation: Cardiovascular Imaging, 2008, 1, 197-204.	2.6	51
71	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
72	Comparison of treadmill exercise versus dipyridamole stress with myocardial perfusion imaging using rubidium-82 positron emission tomography. Journal of the American College of Cardiology, 2005, 45, 1227-1234.	2.8	50

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73	The relationship between myocardial retention of technetium-99m teboroxime and myocardial blood flow. Journal of the American College of Cardiology, 1992, 20, 712-719.	2.8	49
74	Prognostic significance of dipyridamole-induced ST depression in patients with normal 82Rb PET myocardial perfusion imaging. Journal of Nuclear Medicine, 2005, 46, 1095-101.	5.0	49
75	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
76	The effects of afterload reduction on myocardial carbon 11-labeled acetate kinetics and noninvasively estimated mechanical efficiency in patients with dilated cardiomyopathy. Journal of Nuclear Cardiology, 1994, 1, 3-16.	2.1	45
77	Tracking Stem Cell Therapy in the Myocardium: Applications of Positron Emission Tomography. Current Pharmaceutical Design, 2008, 14, 3835-3853.	1.9	44
78	Heterogeneity of ventricular function and myocardial oxidative metabolism in nonischemic dilated cardiomyopathy. Journal of the American College of Cardiology, 1995, 25, 1258-1262.	2.8	43
79	Acute and chronic effects of continuous positive airway pressure therapy on left ventricular systolic and diastolic function in patients with obstructive sleep apnea and congestive heart failure. Canadian Journal of Cardiology, 2008, 24, 697-704.	1.7	43
80	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
81	Redistribution of Myocardial Blood Flow With Topical Nitroglycerin in Patients With Coronary Artery Disease. Circulation, 1995, 91, 1381-1388.	1.6	43
82	Comparison of technetium-99m sestamibi and thallium-201 retention characteristics in canine myocardium. Journal of the American College of Cardiology, 1992, 20, 1277-1283.	2.8	42
83	F-18-Fluorodeoxyglucose PET Imaging Alters Clinical Decision Making in Patients With Impaired Ventricular Function. American Journal of Cardiology, 1997, 79, 1092-1095.	1.6	42
84	Hospitalization Costs of Primary Stenting Versus Thrombolysis in Acute Myocardial Infarction. Circulation, 2003, 108, 2624-2630.	1.6	42
85	Lessons learned from MPI and physiologic testing in randomized trials of stable ischemic heart disease: COURAGE, BARI 2D, FAME, and ISCHEMIA. Journal of Nuclear Cardiology, 2013, 20, 969-975.	2.1	42
86	Presence of Specific 11C-meta-Hydroxyephedrine Retention in Heart, Lung, Pancreas, and Brown Adipose Tissue. Journal of Nuclear Medicine, 2007, 48, 1733-1740.	5.0	41
87	Heterogeneity of regional nitrogen 13-labeled ammonia tracer distribution in the normal human heart: Comparison with rubidium 82 and copper 62-labeled PTSM. Journal of Nuclear Cardiology, 1994, 1, 225-235.	2.1	40
88	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
89	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
90	Nuclear Imaging of the Cardiac Sympathetic Nervous System. JACC: Cardiovascular Imaging, 2020, 13, 1036-1054.	5.3	40

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91	[18 F]-NaF PET/CT Identifies Active Calcification in Carotid Plaque. JACC: Cardiovascular Imaging, 2017, 10, 486-488.	5.3	38
92	Alterations of pre- and postsynaptic noradrenergic signaling in a rat model of adriamycin-induced cardiotoxicity. Journal of Nuclear Cardiology, 2010, 17, 254-263.	2.1	37
93	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
94	Epicardial adipose tissue thickness as a predictor of impaired microvascular function in patients with non-obstructive coronary artery disease. Journal of Nuclear Cardiology, 2013, 20, 804-812.	2.1	36
95	Appropriate Use Criteria for PET Myocardial Perfusion Imaging. Journal of Nuclear Medicine, 2020, 61, 1221-1265.	5.0	36
96	The clinical utility of assessing myocardial blood flow using positron emission tomography. Journal of Nuclear Cardiology, 2010, 17, 571-581.	2.1	35
97	Single-Phase CT Aligned to Gated PET for Respiratory Motion Correction in Cardiac PET/CT. Journal of Nuclear Medicine, 2010, 51, 1182-1190.	5.0	35
98	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
99	Corticosteroid and Immunosuppressant Therapy for Cardiac Sarcoidosis: A Systematic Review. Journal of the American Heart Association, 2021, 10, e021183.	3.7	35
100	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
101	Clinical PET Myocardial Perfusion Imaging and Flow Quantification. Cardiology Clinics, 2016, 34, 69-85.	2.2	34
102	Greater response to cardiac resynchronization therapy in patients with true complete left bundle branch block: a PREDICT substudy. Europace, 2012, 14, 690-695.	1.7	33
103	American Society of Nuclear Cardiology and Society of Nuclear Medicine and Molecular Imaging Joint Position Statement on the Clinical Indications for Myocardial Perfusion PET. Journal of Nuclear Cardiology, 2016, 23, 1227-1231.	2.1	33
104	Effect of lateral wall scar on reverse remodeling with cardiac resynchronization therapy. Heart Rhythm, 2009, 6, 1721-1726.	0.7	32
105	Hexokinase II acts through UCP3 to suppress mitochondrial reactive oxygen species production and maintain aerobic respiration. Biochemical Journal, 2011, 437, 301-311.	3.7	32
106	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
107	Imaging-Guided Selection of Patients With Ischemic Heart Failure for High-Risk Revascularization Improves Identification of Those With the Highest Clinical Benefit. Circulation: Cardiovascular Imaging, 2012, 5, 262-270.	2.6	31
108	Cardiac PET: Metabolic and Functional Imaging of the Myocardium. Seminars in Nuclear Medicine, 2013, 43, 434-448.	4.6	31

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109	Cardiac Sarcoidosis. Clinics in Chest Medicine, 2015, 36, 657-668.	2.1	30
110	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
111	Is ventilatory efficiency (VE/VCO₂ slope) associated with right ventricular oxidative metabolism in patients with congestive heart failure?. European Journal of Heart Failure, 2008, 10, 1117-1122.	7.1	28
112	Recent advances in cardiac imaging for patients with heart failure. Current Opinion in Cardiology, 2011, 26, 132-143.	1.8	28
113	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
114	Guidance and best practices for reestablishment of non-emergent care in nuclear cardiology laboratories during the coronavirus disease 2019 (COVID-19) pandemic: An information statement from ASNC, IAEA, and SNMMI. Journal of Nuclear Cardiology, 2020, 27, 1855-1862.	2.1	28
115	Practical guide for interpreting and reporting cardiac PET measurements of myocardial blood flow: an Information Statement from the American Society of Nuclear Cardiology, and the Society of Nuclear Medicine and Molecular Imaging. Journal of Nuclear Cardiology, 2021, 28, 768-787.	2.1	28
116	Can Nitrogen-13 Ammonia Kinetic Modeling Define Myocardial Viability Independent of Fluorine-18 Fluorodeoxyglucose?. Journal of the American College of Cardiology, 1997, 29, 537-543.	2.8	27
117	Recovery rates of regional sympathetic reinnervation and myocardial blood flow after acute myocardial infarction. American Heart Journal, 1999, 137, 863-869.	2.7	27
118	Prognostic significance of impaired chronotropic response to pharmacologic stress Rb-82 PET. Journal of Nuclear Cardiology, 2014, 21, 233-244.	2.1	27
119	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
120	Stress perfusion/metabolism imaging: A pilot study for a potential new approach to the diagnosis of coronary disease in womenâ˜†â˜†â˜†â˜…â˜…â˜…â™¢. Journal of Nuclear Cardiology, 2000, 7, 205-212.	2.1	26
121	Treating the right patient at the right time: Access to specialist consultation and noninvasive testing. Canadian Journal of Cardiology, 2006, 22, 819-824.	1.7	25
122	Atherosclerosis Imaging and the Canadian Atherosclerosis Imaging Network. Canadian Journal of Cardiology, 2013, 29, 297-303.	1.7	25
123	Current and Future Clinical Applications of Cardiac Positron Emission Tomography. Circulation Journal, 2013, 77, 836-848.	1.6	25
124	Myocardial Viability: It is Still Alive. Seminars in Nuclear Medicine, 2014, 44, 358-374.	4.6	25
125	Disabilityâ€"free survival after coronary artery bypass grafting in women and men with heart failure. Open Heart, 2018, 5, e000911.	2.3	25
126	Comparison of Framingham risk score and chest-CT identified coronary artery calcification in breast cancer patients to predict cardiovascular events. International Journal of Cardiology, 2019, 289, 138-143.	1.7	25

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127	Increasing synaptic noradrenaline, serotonin and histamine enhances in vivo binding of phosphodiesterase-4 inhibitor (R)-[11C]rolipram in rat brain, lung and heart. Life Sciences, 2006, 79, 356-364.	4.3	23
128	Diagnosis and prognosis of coronary artery disease: PET is superior to SPECT: Pro. Journal of Nuclear Cardiology, 2010, 17, 683-695.	2.1	23
129	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
130	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
131	Gated fluorine 18 fluorodeoxyglucose positron emission tomography: determination of global and regional left ventricular function and myocardial tissue characterization. Journal of Nuclear Cardiology, 2003, 10, 297-303.	2.1	22
132	Quantification of Myocardial Flow Reserve Using Positron Emission Imaging. Journal of the American College of Cardiology, 2009, 54, 157-159.	2.8	22
133	Naturally occurring R225W mutation of the gene encoding AMP-activated protein kinase (AMPK)Î³3 results in increased oxidative capacity and glucose uptake in human primary myotubes. Diabetologia, 2010, 53, 1986-1997.	6.3	22
134	Influence of Noninvasive Cardiovascular Imaging in Primary Prevention. Archives of Internal Medicine, 2011, 171, 977-82.	3.8	22
135	Appropriate Use Criteria for Cardiac Computed Tomography. Journal of Thoracic Imaging, 2018, 33, 132-137.	1.5	22
136	In vivo selective binding of (R)-[11C]rolipram to phosphodiesterase-4 provides the basis for studying intracellular cAMP signaling in the myocardium and other peripheral tissues. Nuclear Medicine and Biology, 2007, 34, 71-77.	0.6	21
137	Novel O-[11C]methylated derivatives of candesartan as angiotensin II AT1 receptor imaging ligands: Radiosynthesis and ex vivo evaluation in rats. Bioorganic and Medicinal Chemistry, 2009, 17, 7971-7977.	3.0	21
138	Cardiac Positron Emission Tomography: Current Clinical Practice. Cardiology Clinics, 2009, 27, 237-255.	2.2	21
139	The role of nuclear imaging in pulmonary hypertension. Journal of Nuclear Cardiology, 2015, 22, 141-157.	2.1	21
140	Usefulness of Computed Tomographic Coronary Angiography in Patients With Acute Chest Pain With and Without High-Risk Features. American Journal of Cardiology, 2010, 106, 463-469.	1.6	20
141	Cardiovascular Nuclear Imaging: Balancing Proven Clinical Value and Potential Radiation Risk. Journal of Nuclear Medicine, 2011, 52, 1162-1164.	5.0	20
142	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
143	Use of a column-switching high-performance liquid chromatography method to assess the presence of specific binding of (R)- and (S)-[11C]rolipram and their labeled metabolites to the phosphodiesterase-4 enzyme in rat plasma and tissues. Nuclear Medicine and Biology, 2008, 35, 515-521.	0.6	19
144	Effects of Mitral Valve Surgery on Myocardial Energetics in Patients With Severe Mitral Regurgitation. Circulation: Cardiovascular Imaging, 2010, 3, 308-313.	2.6	19

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145	Reduced CGP12177 binding to cardiac Î²-adrenoceptors in hyperglycemic high-fat-diet-fed, streptozotocin-induced diabetic rats. Nuclear Medicine and Biology, 2011, 38, 1059-1066.	0.6	19
146	Can Functional Testing for Ischemia and Viability Guide Revascularization?. JACC: Cardiovascular Imaging, 2017, 10, 354-364.	5.3	19
147	Myocardial perfusion imaging: Lessons learned and work to be doneâ€"update. Journal of Nuclear Cardiology, 2018, 25, 39-52.	2.1	19
148	OUTSMART HF. Circulation, 2020, 141, 818-827.	1.6	19
149	The Future of Cardiac Molecular Imaging. Seminars in Nuclear Medicine, 2020, 50, 367-385.	4.6	19
150	Kinetic modelâ€based factor analysis of dynamic sequences for 82â€rubidium cardiac positron emission tomography. Medical Physics, 2010, 37, 3995-4010.	3.0	18
151	A fast, simple, and reproducible automated synthesis of [¹⁸F]FPyKYNEâ€c(RGDyK) for Î±_vÎ²₃ receptor positron emission tomography imaging. Journal of Labelled Compounds and Radiopharmaceuticals, 2012, 55, 57-60.	1.0	18
152	Coronary artery microvascular dysfunction: Role of sex and arterial load. International Journal of Cardiology, 2018, 270, 42-47.	1.7	18
153	Alterations in Fatty Acid Metabolism in Adriamycin Cardiomyopathy. Journal of Molecular and Cellular Cardiology, 1994, 26, 109-119.	1.9	17
154	Rates of downstream invasive coronary angiography and revascularization: computed tomographic coronary angiography vs. Tc-99m single photon emission computed tomography. European Heart Journal, 2012, 33, 776-782.	2.2	17
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