

# Daniel S Berman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4212320/publications.pdf>

Version: 2024-02-01

716  
papers

62,630  
citations

701  
121  
h-index

1316  
224  
g-index

733  
all docs

733  
docs citations

733  
times ranked

22646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of ischemia risk scores. Journal of Nuclear Cardiology, 2023, 30, 324-334.	2.1	3
2	Automated quantitative analysis of CZT SPECT stratifies cardiovascular risk in the obese population: Analysis of the REFINE SPECT registry. Journal of Nuclear Cardiology, 2022, 29, 727-736.	2.1	11
3	Mortality risk among patients undergoing exercise versus pharmacologic myocardial perfusion imaging: A propensity-based comparison. Journal of Nuclear Cardiology, 2022, 29, 840-852.	2.1	10
4	Associations between dyspnoea, coronary atherosclerosis, and cardiovascular outcomes: results from the long-term follow-up CONFIRM registry. European Heart Journal Cardiovascular Imaging, 2022, 23, 266-274.	1.2	4
5	The imperative to assess physical function among all patients undergoing stress myocardial perfusion imaging. Journal of Nuclear Cardiology, 2022, 29, 946-951.	2.1	2
6	Defining the role for PET myocardial blood flow early post cardiac transplant. Journal of Nuclear Cardiology, 2022, 29, 724-726.	2.1	1
7	Quantitative Assessment of Cardiac Hypermetabolism and Perfusion for Diagnosis of Cardiac Sarcoidosis. Journal of Nuclear Cardiology, 2022, 29, 86-96.	2.1	20
8	Observer repeatability and interscan reproducibility of 18F-sodium fluoride coronary microcalcification activity. Journal of Nuclear Cardiology, 2022, 29, 126-135.	2.1	26
9	Machine Learning with <sup>18</sup> F-Sodium Fluoride PET and Quantitative Plaque Analysis on CT Angiography for the Future Risk of Myocardial Infarction. Journal of Nuclear Medicine, 2022, 63, 158-165.	5.0	34
10	Value of semiquantitative assessment of high-risk plaque features on coronary CT angiography over stenosis in selection of studies for FFRct. Journal of Cardiovascular Computed Tomography, 2022, 16, 27-33.	1.3	8
11	Diagnostic safety of a machine learning-based automatic patient selection algorithm for stress-only myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2022, 29, 2295-2307.	2.1	21
12	Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 1091-1102.	5.3	44
13	Determining a minimum set of variables for machine learning cardiovascular event prediction: results from REFINE SPECT registry. Cardiovascular Research, 2022, 118, 2152-2164.	3.8	26
14	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2022, 16, 19-26.	1.3	20
15	Prognostic significance of plaque location in non-obstructive coronary artery disease: from the CONFIRM registry. European Heart Journal Cardiovascular Imaging, 2022, 23, 1240-1247.	1.2	7
16	Comparison of coronary atherosclerotic plaque progression in East Asians and Caucasians by serial coronary computed tomographic angiography: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2022, 16, 222-229.	1.3	1
17	Detection of small coronary calcifications in patients with Agatston coronary artery calcium score of zero. Journal of Cardiovascular Computed Tomography, 2022, 16, 150-154.	1.3	7
18	The prevalence and predictors of inducible myocardial ischemia among patients referred for radionuclide stress testing. Journal of Nuclear Cardiology, 2022, 29, 2839-2849.	2.1	7

#	ARTICLE	IF	CITATIONS
19	Novel Techniques: Solid-State Detectors, Dose Reduction (SPECT/CT). , 2022, , 103-129.		0
20	Mean Versus Peak Coronary Calcium Density on Non-Contrast CT. JACC: Cardiovascular Imaging, 2022, 15, 489-500.	5.3	20
21	Comparison of diabetes to other prognostic predictors among patients referred for cardiac stress testing: A contemporary analysis from the REFINE SPECT Registry. Journal of Nuclear Cardiology, 2022, 29, 3003-3014.	2.1	6
22	Aortic valve imaging using 18F-sodium fluoride: impact of triple motion correction. EJNMMI Physics, 2022, 9, 4.	2.7	3
23	Intramycardial Hemorrhage and the “Wave Front” of Reperfusion Injury Compromising Myocardial Salvage. Journal of the American College of Cardiology, 2022, 79, 35-48.	2.8	38
24	Association of Plaque Location and Vessel Geometry Determined by Coronary Computed Tomographic Angiography With Future Acute Coronary Syndrome“Causing Culprit Lesions. JAMA Cardiology, 2022, 7, 309.	6.1	13
25	Subclinical hepatic fibrosis is associated with coronary microvascular dysfunction by myocardial perfusion reserve index: a retrospective cohort study. International Journal of Cardiovascular Imaging, 2022, , 1.	1.5	0
26	Vessel-specific plaque features on coronary computed tomography angiography among patients of varying atherosclerotic cardiovascular disease risk. European Heart Journal Cardiovascular Imaging, 2022, 23, 1171-1179.	1.2	2
27	Causes of cardiovascular and noncardiovascular death in the ISCHEMIA trial. American Heart Journal, 2022, 248, 72-83.	2.7	15
28	OUP accepted manuscript. European Heart Journal Cardiovascular Imaging, 2022, , .	1.2	0
29	Predictors of Left Main Coronary Artery Disease in the ISCHEMIA Trial. Journal of the American College of Cardiology, 2022, 79, 651-661.	2.8	14
30	Bypass Grafting and Native Coronary Artery Disease Activity. JACC: Cardiovascular Imaging, 2022, 15, 875-887.	5.3	24
31	Prevalence and predictors of automatically quantified myocardial ischemia within a multicenter international registry. Journal of Nuclear Cardiology, 2022, 29, 3221-3232.	2.1	3
32	Coronary Artery Calcium for Risk Stratification of Sudden Cardiac Death. JACC: Cardiovascular Imaging, 2022, 15, 1259-1270.	5.3	11
33	Imaging Coronary Inflammatory Risk. JACC: Cardiovascular Imaging, 2022, 15, 472-475.	5.3	0
34	Cardiac microstructural alterations in immune-inflammatory myocardial disease: a retrospective case-control study. Cardiovascular Ultrasound, 2022, 20, 9.	1.6	0
35	Deep learning-enabled coronary CT angiography for plaque and stenosis quantification and cardiac risk prediction: an international multicentre study. The Lancet Digital Health, 2022, 4, e256-e265.	12.3	85
36	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry. Computers in Biology and Medicine, 2022, 145, 105449.	7.0	14

#	ARTICLE	IF	CITATIONS
37	Improved myocardial blood flow estimation with residual activity correction and motion correction in 18F-flurpiridaz PET myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1881-1893.	6.4	9
38	Latest Advances in Multimodality Imaging of Aortic Stenosis. Journal of Nuclear Medicine, 2022, 63, 353-358.	5.0	14
39	Relationship between ischaemia, coronary artery calcium scores, and major adverse cardiovascular events. European Heart Journal Cardiovascular Imaging, 2022, 23, 1423-1433.	1.2	16
40	Coronary Microvascular Dysfunction in Patients With Systemic Lupus Erythematosus and Chest Pain. Frontiers in Cardiovascular Medicine, 2022, 9, 867155.	2.4	7
41	Pericoronary Adipose Tissue Attenuation, Low-Attenuation Plaque Burden, and 5-Year Risk of Myocardial Infarction. JACC: Cardiovascular Imaging, 2022, 15, 1078-1088.	5.3	46
42	Distribution of Coronary Artery Calcium by Age, Sex, and Race Among Patients 30-45 Years Old. Journal of the American College of Cardiology, 2022, 79, 1873-1886.	2.8	38
43	Explainable Deep Learning Improves Physician Interpretation of Myocardial Perfusion Imaging. Journal of Nuclear Medicine, 2022, , jnumed.121.263686.	5.0	7
44	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry. Radiology: Cardiothoracic Imaging, 2022, 4, e210225.	2.5	6
45	Hepatosteatosis and Atherosclerotic Plaque at Coronary CT Angiography. Radiology: Cardiothoracic Imaging, 2022, 4, e210260.	2.5	6
46	Evaluation of California Non-Comprehensive Death File Against National Death Index. , 2022, 1, 100015.		3
47	Age related compositional plaque burden by CT in patients with future ACS. Journal of Cardiovascular Computed Tomography, 2022, 16, 491-497.	1.3	4
48	Association Between Changes in Perivascular Adipose Tissue Density andÂPlaque Progression. JACC: Cardiovascular Imaging, 2022, 15, 1760-1767.	5.3	19
49	Differences in Prognostic Value of Myocardial Perfusion Single-Photon Emission Computed Tomography Using High-Efficiency Solid-State Detector Between Men and Women in a Large International Multicenter Study. Circulation: Cardiovascular Imaging, 2022, 15, .	2.6	2
50	Machine learning to predict abnormal myocardial perfusion from pre-test features. Journal of Nuclear Cardiology, 2022, 29, 2393-2403.	2.1	7
51	Benefit of Early Revascularization Based on Inducible Ischemia and Left Ventricular Ejection Fraction. Journal of the American College of Cardiology, 2022, 80, 202-215.	2.8	19
52	Quantification of myocardial blood flow by CZT-SPECT with motion correction and comparison with 15O-water PET. Journal of Nuclear Cardiology, 2021, 28, 1477-1486.	2.1	31
53	Short-term repeatability of myocardial blood flow using 82Rb PET/CT: The effect of arterial input function position and motion correction. Journal of Nuclear Cardiology, 2021, 28, 1718-1725.	2.1	20
54	Cardiovascular 18F-fluoride positron emission tomography-magnetic resonance imaging: A comparison study. Journal of Nuclear Cardiology, 2021, 28, 1-12.	2.1	25

#	ARTICLE	IF	CITATIONS
55	Prognostic value of coronary risk factors, exercise capacity and single photon emission computed tomography in liver transplantation candidates: A 5-year follow-up study. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2876-2891.	2.1	7
56	CZT camera systems may provide better risk stratification for low-risk patients. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2927-2936.	2.1	9
57	Repeatability of quantitative pericoronary adipose tissue attenuation and coronary plaque burden from coronary CT angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 81-84.	1.3	35
58	Temporal changes in FFRCT-Guided Management of Coronary Artery Disease “Lessons from the ADVANCE Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 48-55.	1.3	5
59	Prognostically safe stress-only single-photon emission computed tomography myocardial perfusion imaging guided by machine learning: report from REFINE SPECT. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 705-714.	1.2	38
60	Comparing Risk Scores in the Prediction of Coronary and Cardiovascular Deaths. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 411-421.	5.3	46
61	Machine Learning Adds to Clinical and CAC Assessments in Predicting 10-Year CHD and CVD Deaths. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 615-625.	5.3	52
62	Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 24-33.	1.2	19
63	Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 232-239.	1.3	12
64	Relation of Intake of Saturated Fat to Atherosclerotic Risk Factors, Health Behaviors, Coronary Atherosclerosis, and All-Cause Mortality Among Patients Who Underwent Coronary Artery Calcium Scanning. <i>American Journal of Cardiology</i> , 2021, 138, 40-45.	1.6	4
65	Machine learning integration of circulating and imaging biomarkers for explainable patient-specific prediction of cardiac events: A prospective study. <i>Atherosclerosis</i> , 2021, 318, 76-82.	0.8	37
66	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 233-242.	5.3	44
67	Influence of Coronary Artery Calcium Score on Computed Tomography-Derived Fractional Flow Reserve. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 702-703.	5.3	6
68	SCCT 2021 Expert Consensus Document on Coronary Computed Tomographic Angiography: A Report of the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 192-217.	1.3	149
69	Society of Cardiovascular Computed Tomography / North American Society of Cardiovascular Imaging “Expert Consensus Document on Coronary CT Imaging of Atherosclerotic Plaque. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 93-109.	1.3	117
70	The clinical utility of FFRCT stratified by age. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 121-128.	1.3	6
71	Cardiovascular and All-Cause Mortality Risk by Coronary Artery Calcium Scores and Percentiles Among Older Adult Males and Females. <i>American Journal of Medicine</i> , 2021, 134, 341-350.e1.	1.5	14
72	Prediction of revascularization by coronary CT angiography using a machine learning ischemia risk score. <i>European Radiology</i> , 2021, 31, 1227-1235.	4.5	15

#	ARTICLE	IF	CITATIONS
73	Prognostic Performance of Myocardial Perfusion and Function. , 2021, , 325-368.		0
74	Assessing myocardial perfusion in suspected coronary artery disease: rationale and design of the second phase 3, open-label multi-center study of flurpiridaz (F-18) injection for positron emission tomography (PET) imaging. Journal of Nuclear Cardiology, 2021, 28, 1105-1116.	2.1	10
75	Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification. Journal of Nuclear Medicine, 2021, 62, 1582-1590.	5.0	7
76	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. European Heart Journal Cardiovascular Imaging, 2021, 22, 1072-1082.	1.2	8
77	Diagnostic and prognostic value of Technetium-99m pyrophosphate uptake quantitation for transthyretin cardiac amyloidosis. Journal of Nuclear Cardiology, 2021, 28, 1835-1845.	2.1	27
78	Impact of Early Revascularization on Major Adverse Cardiovascular Events in Relation to Automatically Quantified Ischemia. JACC: Cardiovascular Imaging, 2021, 14, 644-653.	5.3	28
79	Clinical Utility of SPECT in the Heart Transplant Population. Transplantation, 2021, Publish Ahead of Print, .	1.0	4
80	Diastolic dysfunction in women with ischemia and no obstructive coronary artery disease: Mechanistic insight from magnetic resonance imaging. International Journal of Cardiology, 2021, 331, 1-7.	1.7	8
81	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. Atherosclerosis, 2021, 324, 46-51.	0.8	41
82	155â€¦Pericoronary adipose tissue attenuation, low attenuation plaque burden and 5-year risk of myocardial infarction. , 2021, , .		0
83	Changing Drivers of Mortality Among Patients Referred for Cardiac Stress Testing. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 560-573.	2.4	10
84	Impact of train/test sample regimen on performance estimate stability of machine learning in cardiovascular imaging. Scientific Reports, 2021, 11, 14490.	3.3	23
85	Prognostic Value of Phase Analysis for Predicting Adverse Cardiac Events Beyond Conventional Single-Photon Emission Computed Tomography Variables: Results From the REFINE SPECT Registry. Circulation: Cardiovascular Imaging, 2021, 14, e012386.	2.6	13
86	Synergistic Assessment of Mortality Risk According to Body Mass Index and Exercise Ability and Capacity in Patients Referred for Radionuclide Stress Testing. Mayo Clinic Proceedings, 2021, 96, 3001-3011.	3.0	5
87	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. Journal of Cardiovascular Computed Tomography, 2021, 15, 322-330.	1.3	19
88	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. Radiology, 2021, 300, 79-86.	7.3	10
89	Association of Tube Voltage With Plaque Composition on Coronary CT Angiography. JACC: Cardiovascular Imaging, 2021, 14, 2429-2440.	5.3	15
90	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. JAMA Cardiology, 2021, 6, 1257.	6.1	70

#	ARTICLE	IF	CITATIONS
91	Feasibility of Using an Ultrashort Lifestyle Questionnaire to Predict Future Mortality Risk among Patients with Suspected Heart Disease. American Journal of Cardiology, 2021, 153, 36-42.	1.6	1
92	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. Circulation, 2021, 144, 1396-1408.	1.6	32
93	Measurement of compensatory arterial remodelling over time with serial coronary computed tomography angiography and 3D metrics. European Heart Journal Cardiovascular Imaging, 2021, , .	1.2	0
94	The accuracy of coronary CT angiography in patients with coronary calcium score above 1000 Agatston Units: Comparison with quantitative coronary angiography. Journal of Cardiovascular Computed Tomography, 2021, 15, 412-418.	1.3	13
95	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. JACC: Cardiovascular Imaging, 2021, 14, 1804-1814.	5.3	28
96	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. JACC: Cardiovascular Imaging, 2021, 14, 1787-1799.	5.3	32
97	Outcomes in the ISCHEMIA Trial Based on Coronary Artery Disease and Ischemia Severity. Circulation, 2021, 144, 1024-1038.	1.6	140
98	Risk Markers for Limited Coronary Artery Calcium in Persons With Significant Aortic Valve Calcium (From the Multi-ethnic Study of Atherosclerosis). American Journal of Cardiology, 2021, 156, 58-64.	1.6	7
99	Implication of thoracic aortic calcification over coronary calcium score regarding the 2018 ACC/AHA Multisociety cholesterol guideline: results from the CAC Consortium. American Journal of Preventive Cardiology, 2021, 8, 100232.	3.0	7
100	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. JACC: Cardiovascular Imaging, 2021, 14, 1410-1421.	5.3	16
101	Metabolic syndrome, fatty liver, and artificial intelligence-based epicardial adipose tissue measures predict long-term risk of cardiac events: a prospective study. Cardiovascular Diabetology, 2021, 20, 27.	6.8	33
102	Contrast-enhanced computed tomography assessment of aortic stenosis. Heart, 2021, 107, 1905-1911.	2.9	32
103	Simulation of Low-Dose Protocols for Myocardial Perfusion <sup>82</sup> Rb Imaging. Journal of Nuclear Medicine, 2021, 62, 1112-1117.	5.0	6
104	Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries: quantitative plaque analysis on coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2021, 22, 322-330.	1.2	11
105	Prognostic significance of aortic valve calcium in relation to coronary artery calcification for long-term, cause-specific mortality: results from the CAC Consortium. European Heart Journal Cardiovascular Imaging, 2021, 22, 1257-1263.	1.2	18
106	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. Journal of the American College of Cardiology, 2021, 78, 1573-1583.	2.8	31
107	Coronary artery calcium is associated with long-term mortality from lung cancer: Results from the Coronary Artery Calcium Consortium. Atherosclerosis, 2021, , .	0.8	4
108	A rare case of coronary artery perforation into right ventricle detected by coronary CT angiography. Journal of Cardiovascular Computed Tomography, 2021, , .	1.3	0



#	ARTICLE	IF	CITATIONS
109	Upper reference limits of transient ischemic dilation ratio for different protocols on new-generation cadmium zinc telluride cameras: A report from REFINE SPECT registry. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1180-1189.	2.1	17
110	Long-Term All-Cause and Cause-Specific Mortality in Asymptomatic Patients With CAC $\geq$ 1,000. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 83-93.	5.3	80
111	Five-Year Follow-Up of Coronary Microvascular Dysfunction and Coronary Artery Disease in Systemic Lupus Erythematosus: Results From a Community-Based Lupus Cohort. <i>Arthritis Care and Research</i> , 2020, 72, 882-887.	3.4	21
112	Predictors of 18F-sodium fluoride uptake in patients with stable coronary artery disease and adverse plaque features on computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 58-66.	1.2	50
113	Simultaneous Tc-99m PYP/Tl-201 dual-isotope SPECT myocardial imaging in patients with suspected cardiac amyloidosis. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 28-37.	2.1	25
114	Validation of the Coronary Artery Calcium Data and Reporting System (CAC-DRS): Dual importance of CAC score and CAC distribution from the Coronary Artery Calcium (CAC) consortium. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 12-17.	1.3	28
115	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 97-105.	5.3	204
116	Optimization of reconstruction and quantification of motion-corrected coronary PET-CT. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 494-504.	2.1	43
117	Rationale and design of the REgistry of Fast Myocardial Perfusion Imaging with NExt generation SPECT (REFINE SPECT). <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1010-1021.	2.1	74
118	Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: analysis from the CONFIRM registry. <i>European Heart Journal</i> , 2020, 41, 359-367.	2.2	137
119	Reply: Clarifying the Utility of Myocardial Blood Flow and Myocardial Flow Reserve After Cardiac Transplantation. <i>Journal of Nuclear Medicine</i> , 2020, 61, 620.2-622.	5.0	0
120	5-Year Prognostic Value of Quantitative Versus Visual MPI in Subtle Perfusion Defects. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 774-785.	5.3	70
121	Machine learning predicts per-vessel early coronary revascularization after fast myocardial perfusion SPECT: results from multicentre REFINE SPECT registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 549-559.	1.2	70
122	Comparative Prognostic and Diagnostic Value of Myocardial Blood Flow and Myocardial Flow Reserve After Cardiac Transplantation. <i>Journal of Nuclear Medicine</i> , 2020, 61, 249-255.	5.0	28
123	Interplay of Coronary Artery Calcium and Risk Factors for Predicting CVD/CHD Mortality. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1175-1186.	5.3	49
124	Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1409-1417.	5.3	58
125	Whole-vessel coronary 18F-sodium fluoride PET for assessment of the global coronary microcalcification burden. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1736-1745.	6.4	50
126	Machine learning to predict the long-term risk of myocardial infarction and cardiac death based on clinical risk, coronary calcium, and epicardial adipose tissue: a prospective study. <i>Cardiovascular Research</i> , 2020, 116, 2216-2225.	3.8	78



#	ARTICLE	IF	CITATIONS
127	All-cause and cause-specific mortality in individuals with zero and minimal coronary artery calcium: A long-term, competing risk analysis in the Coronary Artery Calcium Consortium. <i>Atherosclerosis</i> , 2020, 294, 72-79.	0.8	46
128	Vulnerable plaque imaging using <sup>18</sup> F-sodium fluoride positron emission tomography. <i>British Journal of Radiology</i> , 2020, 93, 20190797.	2.2	22
129	The association of coronary artery calcium score and mortality risk among smokers: The coronary artery calcium consortium. <i>Atherosclerosis</i> , 2020, 294, 33-40.	0.8	12
130	Coronary computed tomography–angiography quantitative plaque analysis improves detection of early cardiac allograft vasculopathy: A pilot study. <i>American Journal of Transplantation</i> , 2020, 20, 1375-1383.	4.7	13
131	Design, methodology and baseline characteristics of the Women's Ischemia Syndrome Evaluation–Coronary Vascular Dysfunction (WISE-CVD). <i>American Heart Journal</i> , 2020, 220, 224-236.	2.7	15
132	Coronary atherosclerosis scoring with semiquantitative CCTA risk scores for prediction of major adverse cardiac events: Propensity score-based analysis of diabetic and non-diabetic patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 251-257.	1.3	18
133	Myocardial Ischemic Burden and Differences in Prognosis Among Patients With and Without Diabetes: Results From the Multicenter International REFINE SPECT Registry. <i>Diabetes Care</i> , 2020, 43, 453-459.	8.6	21
134	Association between coronary atherosclerotic burden and all-cause mortality among patients undergoing exercise versus pharmacologic stress-rest SPECT myocardial perfusion imaging. <i>Atherosclerosis</i> , 2020, 310, 45-53.	0.8	5
135	Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2386-2396.	5.3	26
136	Phase-III Clinical Trial of Fluorine-18 Flurpiridaz Positron Emission Tomography for Evaluation of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 391-401.	2.8	69
137	Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging (PARADIGM) registry. <i>Cardiovascular Diabetology</i> , 2020, 19, 113.	6.8	39
138	Per-lesion versus per-patient analysis of coronary artery disease in predicting the development of obstructive lesions: the Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging (PARADIGM) study. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2357-2364.	1.5	7
139	Prognostic significance of subtle coronary calcification in patients with zero coronary artery calcium score: From the CONFIRM registry. <i>Atherosclerosis</i> , 2020, 309, 33-38.	0.8	14
140	Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. <i>JAMA Network Open</i> , 2020, 3, e2011444.	5.9	26
141	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2162-2173.	5.3	34
142	Left ventricular mass and myocardial scarring in women with hypertensive disorders of pregnancy. <i>Open Heart</i> , 2020, 7, e001273.	2.3	6
143	Response to the letter to the editor: Lassen et al. 3D PET/CT 82Rb PET myocardial blood flow quantification: comparison of half-dose and full-dose protocols. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2731-2732.	6.4	0
144	Sex Differences in Coronary Artery Calcium and Mortality From Coronary Heart Disease, Cardiovascular Disease, and All Causes in Adults With Diabetes: The Coronary Calcium Consortium. <i>Diabetes Care</i> , 2020, 43, 2597-2606.	8.6	27

#	ARTICLE	IF	CITATIONS
145	Stress Myocardial Perfusion Imaging vs Coronary Computed Tomographic Angiography for Diagnosis of Invasive Vessel-Specific Coronary Physiology. JAMA Cardiology, 2020, 5, 1338.	6.1	55
146	Association between coronary artery calcium and cardiovascular disease as a supporting cause in cancer: The CAC consortium. American Journal of Preventive Cardiology, 2020, 4, 100119.	3.0	10
147	Percutaneous or surgical revascularization is associated with survival benefit in stable coronary artery disease. European Heart Journal Cardiovascular Imaging, 2020, 21, 961-970.	1.2	28
148	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. PLoS ONE, 2020, 15, e0232573.	2.5	23
149	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. European Heart Journal Cardiovascular Imaging, 2020, 21, 973-980.	1.2	26
150	A Clinical Tool to Identify Candidates for Stress-First Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2020, 13, 2193-2202.	5.3	8
151	Associations Among Self-reported Physical Activity, Coronary Artery Calcium Scores, and Mortality Risk in Older Adults. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 229-237.	2.4	14
152	Coronary 18F-Sodium Fluoride Uptake Predicts Outcomes in Patients With Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 75, 3061-3074.	2.8	100
153	Multicenter Study on the Diagnostic Performance of Native-T1 Cardiac Magnetic Resonance of Chronic Myocardial Infarctions at 3T. Circulation: Cardiovascular Imaging, 2020, 13, e009894.	2.6	10
154	Resting coronary velocity and myocardial performance in women with impaired coronary flow reserve: Results from the Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD) study. International Journal of Cardiology, 2020, 309, 19-22.	1.7	12
155	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. Circulation, 2020, 141, 1452-1462.	1.6	348
156	Initial Invasive or Conservative Strategy for Stable Coronary Disease. New England Journal of Medicine, 2020, 382, 1395-1407.	27.0	1,508
157	Association of Sex With Severity of Coronary Artery Disease, Ischemia, and Symptom Burden in Patients With Moderate or Severe Ischemia. JAMA Cardiology, 2020, 5, 773.	6.1	101
158	3D PET/CT 82Rb PET myocardial blood flow quantification: comparison of half-dose and full-dose protocols. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3084-3093.	6.4	10
159	Deep Learning-Based Quantification of Epicardial Adipose Tissue Volume and Attenuation Predicts Major Adverse Cardiovascular Events in Asymptomatic Subjects. Circulation: Cardiovascular Imaging, 2020, 13, e009829.	2.6	77
160	Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: the long-term coronary computed tomography angiography CONFIRM registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 479-488.	1.2	36
161	Increased long-term mortality in women with high left ventricular ejection fraction: data from the CONFIRM (COronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) long-term registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 363-374.	1.2	25
162	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. JAMA Cardiology, 2020, 5, 282.	6.1	90

#	ARTICLE	IF	CITATIONS
163	Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study. Journal of Cardiovascular Computed Tomography, 2020, 14, 400-406.	1.3	29
164	Coronary Artery Calcium and the Age-Specific Competing Risk of Cardiovascular Versus Cancer Mortality: The Coronary Artery Calcium Consortium. American Journal of Medicine, 2020, 133, e575-e583.	1.5	12
165	Prognostic significance of previous myocardial infarction and previous revascularization in patients undergoing SPECT MPI. International Journal of Cardiology, 2020, 313, 9-15.	1.7	19
166	Transient ischaemic dilation and post-stress wall motion abnormality increase risk in patients with less than moderate ischaemia: analysis of the REFINE SPECT registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 567-575.	1.2	21
167	Appropriate Use Criteria for PET Myocardial Perfusion Imaging. Journal of Nuclear Medicine, 2020, 61, 1221-1265.	5.0	36
168	Pharmacologic Stress Testing: Its Roots, Its Impact, and Its Future (perspective on $\alpha$ -Myocardial Imaging) Tj ETQq0 0 0 rgBT /Overlock	5.0	0
169	Abstract 13115: Risk Markers for Minimal Coronary Artery Calcification in Persons With Significant Aortic Valve Calcium: The Multi-Ethnic Study of Atherosclerosis. Circulation, 2020, 142, .	1.6	0
170	Clinical applications of machine learning in cardiovascular disease and its relevance to cardiac imaging. European Heart Journal, 2019, 40, 1975-1986.	2.2	327
171	Triple-gated motion and blood pool clearance corrections improve reproducibility of coronary 18F-NaF PET. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2610-2620.	6.4	45
172	Solid-State Detector SPECT Myocardial Perfusion Imaging. Journal of Nuclear Medicine, 2019, 60, 1194-1204.	5.0	57
173	Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy. New England Journal of Medicine, 2019, 381, 739-748.	27.0	186
174	Impact of heart rate on coronary computed tomographic angiography interpretability with a third-generation dual-source scanner. International Journal of Cardiology, 2019, 295, 42-47.	1.7	11
175	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. Radiology, 2019, 292, 597-605.	7.3	37
176	Stress Myocardial Perfusion PET Provides Incremental Risk Prediction in Patients with and Patients without Diabetes. Radiology: Cardiothoracic Imaging, 2019, 1, e180018.	2.5	5
177	Quantitative myocardial tissue characterization by cardiac magnetic resonance in heart transplant patients with suspected cardiac rejection. Clinical Transplantation, 2019, 33, e13704.	1.6	9
178	Risk Reclassification With Coronary Computed Tomography Angiography-Visualized Nonobstructive Coronary Artery Disease According to 2018 American College of Cardiology/American Heart Association Cholesterol Guidelines (from the Coronary Computed Tomography Angiography) Tj ETQq0 0 0 rgBT /Overlock 1011f 50 137	1.6	11
179	Journal of Cardiology, 2019, 124, 1397-1405.		
179	Point of Care Clinical Risk Score to Improve the Negative Diagnostic Utility of an Agatston Score of Zero. Circulation: Cardiovascular Imaging, 2019, 12, e008737.	2.6	8
180	Comparison of Accuracy of Left Atrial Area and Volume by Two-dimensional Trans-thoracic Echocardiography Versus Computed Tomography. American Journal of Cardiology, 2019, 123, 1180-1184.	1.6	14

#	ARTICLE	IF	CITATIONS
181	Utility of novel serum biomarkers to predict subclinical atherosclerosis: A sub-analysis of the EISNER study. <i>Atherosclerosis</i> , 2019, 282, 80-84.	0.8	10
182	A cross-sectional survey of coronary plaque composition in individuals on non-statin lipid lowering drug therapies and undergoing coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 99-104.	1.3	2
183	Longitudinal quantitative assessment of coronary plaque progression related to body mass index using serial coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 591-599.	1.2	10
184	Clinical Impact of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve on Japanese Population in the ADVANCE Registry. <i>Circulation Journal</i> , 2019, 83, 1293-1301.	1.6	9
185	Lifestyle, Glycosylated Hemoglobin A1c, and Survival Among Patients With Stable Ischemic Heart Disease and Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2049-2058.	2.8	24
186	Long-term prognostic utility of computed tomography coronary angiography in older populations. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1279-1286.	1.2	12
187	Standardized volumetric plaque quantification and characterization from coronary CT angiography: a head-to-head comparison with invasive intravascular ultrasound. <i>European Radiology</i> , 2019, 29, 6129-6139.	4.5	50
188	Role of Coronary Artery Calcium for Stratifying Cardiovascular Risk in Adults With Hypertension. <i>Hypertension</i> , 2019, 73, 983-989.	2.7	31
189	Spotty Calcium on Cervicocerebral Computed Tomography Angiography Associates With Increased Risk of Ischemic Stroke. <i>Stroke</i> , 2019, 50, 859-866.	2.0	22
190	Decrease in LDL-C is associated with decrease in all components of noncalcified plaque on coronary CTA. <i>Atherosclerosis</i> , 2019, 285, 128-134.	0.8	6
191	Coronary artery calcium scoring in low risk patients with family history of coronary heart disease: Validation of the SCCT guideline approach in the coronary artery calcium consortium. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 21-25.	1.3	28
192	State-of-the-art review article. Atherosclerosis affecting fat: What can we learn by imaging perivascular adipose tissue?. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 288-296.	1.3	70
193	Differential association between the progression of coronary artery calcium score and coronary plaque volume progression according to statins: the Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging (PARADIGM) study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1307-1314.	1.2	60
194	Baseline Characteristics and Risk Profiles of Participants in the ISCHEMIA Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2019, 4, 273.	6.1	100
195	Effect of tube potential and luminal contrast attenuation on atherosclerotic plaque attenuation by coronary CT angiography: In vivo comparison with intravascular ultrasound. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 219-225.	1.3	14
196	Relationship between changes in pericoronary adipose tissue attenuation and coronary plaque burden quantified from coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 636-643.	1.2	129
197	Peri-Coronary Adipose Tissue Density Is Associated With 18F-Sodium Fluoride Coronary Uptake in Stable Patients With High-Risk Plaques. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2000-2010.	5.3	129
198	The Predictive Value of Coronary Artery Calcium Scoring for Major Adverse Cardiac Events According to Renal Function (from the Coronary Computed Tomography Angiography Evaluation for Clinical) <i>TJ ETQq0 0 0 rgBT./Overlock 10 Tf 50</i>	1.6	12

#	ARTICLE	IF	CITATIONS
199	Improved Evaluation of Lipid-Rich Plaque at Coronary CT Angiography: Head-to-Head Comparison with Intravascular US. Radiology: Cardiothoracic Imaging, 2019, 1, e190069.	2.5	9
200	Fully Automated CT Quantification of Epicardial Adipose Tissue by Deep Learning: A Multicenter Study. Radiology: Artificial Intelligence, 2019, 1, e190045.	5.8	83
201	Coronary artery calcium as a predictor of coronary heart disease, cardiovascular disease, and all-cause mortality in Asian-Americans: The Coronary Artery Calcium Consortium. Coronary Artery Disease, 2019, 30, 608-614.	0.7	6
202	Three-Hour Delayed Imaging Improves Assessment of Coronary <sup>18</sup> F-Sodium Fluoride PET. Journal of Nuclear Medicine, 2019, 60, 530-535.	5.0	44
203	Age- and gender-adjusted percentiles for number of calcified plaques in coronary artery calcium scanning. Journal of Cardiovascular Computed Tomography, 2019, 13, 319-324.	1.3	14
204	Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic PLAque) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5 Computed Tomography, 2019, 13, 142-147.	1.3	25
205	Coronary artery calcium and the competing long-term risk of cardiovascular vs. cancer mortality: the CAC Consortium. European Heart Journal Cardiovascular Imaging, 2019, 20, 389-395.	1.2	30
206	Data-Driven Gross Patient Motion Detection and Compensation: Implications for Coronary <sup>18</sup> F-NaF PET Imaging. Journal of Nuclear Medicine, 2019, 60, 830-836.	5.0	39
207	Should positron emission tomography be the standard of care for non-invasive surveillance following cardiac transplantation?. Journal of Nuclear Cardiology, 2019, 26, 655-659.	2.1	5
208	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. JACC: Cardiovascular Imaging, 2019, 12, 1987-1997.	5.3	78
209	Quantitative Evaluation of High-Risk Coronary Plaque by Coronary CTA and Subsequent Acute Coronary Events. JACC: Cardiovascular Imaging, 2019, 12, 1568-1571.	5.3	5
210	Deep Learning Analysis of Upright-Supine High-Efficiency SPECT Myocardial Perfusion Imaging for Prediction of Obstructive Coronary Artery Disease: A Multicenter Study. Journal of Nuclear Medicine, 2019, 60, 664-670.	5.0	113
211	Late sodium channel blockade improves angina and myocardial perfusion in patients with severe coronary microvascular dysfunction: Women's Ischemia Syndrome Evaluationâ€“Coronary Vascular Dysfunction ancillary study. International Journal of Cardiology, 2019, 276, 8-13.	1.7	37
212	Prediction of cardiac death after adenosine myocardial perfusion SPECT based on machine learning. Journal of Nuclear Cardiology, 2019, 26, 1746-1754.	2.1	57
213	Reliability of the 123I-mIBG heart/mediastinum ratio: Results of a multicenter testâ€“retest reproducibility study. Journal of Nuclear Cardiology, 2019, 26, 1555-1565.	2.1	15
214	Deep learning-based stenosis quantification from coronary CT angiography. , 2019, 10949, .		27
215	Reasons and implications of agreements and disagreements between coronary flow reserve, fractional flow reserve, and myocardial perfusion imaging. Journal of Nuclear Cardiology, 2018, 25, 104-119.	2.1	16
216	10-Year Resource Utilization and CostsÂfor Cardiovascular Care. Journal of the American College of Cardiology, 2018, 71, 1078-1089.	2.8	37



#	ARTICLE	IF	CITATIONS
217	Evolving, innovating, and revolutionary changes in cardiovascular imaging: Weâ€™ve only just begun!. Journal of Nuclear Cardiology, 2018, 25, 758-768.	2.1	4
218	Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for) Tj ETQq0 0 0 mgBT /Overlock 10 Tf 5	2.1	4
219	Deep Learning for Quantification of Epicardial and Thoracic Adipose Tissue From Non-Contrast CT. IEEE Transactions on Medical Imaging, 2018, 37, 1835-1846.	8.9	135
220	Integrated prediction of lesion-specific ischaemia from quantitative coronary CT angiography using machine learning: a multicentre study. European Radiology, 2018, 28, 2655-2664.	4.5	135
221	Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: a 6-year follow-up from the prospective multicentre international CONFIRM study. European Heart Journal, 2018, 39, 934-941.	2.2	100
222	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
223	The Coronary Artery Diseaseâ€“Reporting and Data System (CAD-RADS). JACC: Cardiovascular Imaging, 2018, 11, 78-89.	5.3	91
224	Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. European Heart Journal Cardiovascular Imaging, 2018, 19, 675-683.	1.2	34
225	The authorsâ€™ reply to the letter from Kerkhof <i>et al</i> entitled â€“The importance of (measuring) the end-systolic volume index in predicting survivalâ€™. Heart, 2018, 104, 1.2-1.	2.9	0
226	Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry. Journal of Cardiovascular Computed Tomography, 2018, 12, 204-209.	1.3	137
227	Deep Learning for Prediction of Obstructive Disease From Fast Myocardial Perfusion SPECT. JACC: Cardiovascular Imaging, 2018, 11, 1654-1663.	5.3	246
228	Fully automated analysis of attenuation-corrected SPECT for the long-term prediction of acute myocardial infarction. Journal of Nuclear Cardiology, 2018, 25, 1353-1360.	2.1	17
229	Development and Validation of a Simple-to-Use Nomogram for Predicting 5-, 10-, and 15-Year Survival in Asymptomatic Adults Undergoing Coronary Artery Calcium Scoring. JACC: Cardiovascular Imaging, 2018, 11, 450-458.	5.3	60
230	Automatic determination of cardiovascular risk by CT attenuation correction maps in Rb-82 PET/CT. Journal of Nuclear Cardiology, 2018, 25, 2133-2142.	2.1	49
231	Stent in false versus true lumen of left anterior descending artery identified on cardiac computed tomography. Journal of Cardiovascular Computed Tomography, 2018, 12, e9-e10.	1.3	1
232	Prognostic Value of Combined Clinical andÂMyocardial Perfusion Imaging Data Using Machine Learning. JACC: Cardiovascular Imaging, 2018, 11, 1000-1009.	5.3	172
233	Epicardial adipose tissue density and volume are related to subclinical atherosclerosis, inflammation and major adverse cardiac events in asymptomatic subjects. Journal of Cardiovascular Computed Tomography, 2018, 12, 67-73.	1.3	143
234	Prognostic value of vasodilator response using rubidium-82 positron emission tomography myocardial perfusion imaging in patients with coronary artery disease. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 538-548.	6.4	6

#	ARTICLE	IF	CITATIONS
235	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
236	Impact of incomplete ventricular coverage on diagnostic performance of myocardial perfusion imaging. International Journal of Cardiovascular Imaging, 2018, 34, 661-669.	1.5	6
237	Myocardial perfusion imaging: Lessons learned and work to be done—update. Journal of Nuclear Cardiology, 2018, 25, 39-52.	2.1	19
238	Healthy Behavior, Risk Factor Control, and Survival in the COURAGE Trial. Journal of the American College of Cardiology, 2018, 72, 2297-2305.	2.8	42
239	Feasibility of Coronary <sup>18</sup> F-Sodium Fluoride Positron-Emission Tomography Assessment With the Utilization of Previously Acquired Computed Tomography Angiography. Circulation: Cardiovascular Imaging, 2018, 11, e008325.	2.6	36
240	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (COronary CT Angiography Evaluation For) Tj ETQq0 0 0 2gBT /Over 10 Tf	2.8	16
241	Coronary computed tomographic imaging in women: An expert consensus statement from the Society of Cardiovascular Computed Tomography. Journal of Cardiovascular Computed Tomography, 2018, 12, 451-466.	1.3	41
242	Race/Ethnicity and the Prognostic Implications of Coronary Artery Calcium for All—Cause and Cardiovascular Disease Mortality: The Coronary Artery Calcium Consortium. Journal of the American Heart Association, 2018, 7, e010471.	3.7	42
243	Variability in Ejection Fraction Measured By Echocardiography, Gated Single-Photon Emission Computed Tomography, and Cardiac Magnetic Resonance in Patients With Coronary Artery Disease and Left Ventricular Dysfunction. JAMA Network Open, 2018, 1, e181456.	5.9	143
244	Sex differences in calcified plaque and long-term cardiovascular mortality: observations from the CAC Consortium. European Heart Journal, 2018, 39, 3727-3735.	2.2	141
245	Prognostic value of age adjusted segment involvement score as measured by coronary computed tomography: a potential marker of vascular age. Heart and Vessels, 2018, 33, 1288-1300.	1.2	6
246	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. Journal of the American College of Cardiology, 2018, 71, 2511-2522.	2.8	328
247	Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2018, 12, 231-237.	1.3	17
248	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography. JACC: Cardiovascular Imaging, 2018, 11, 1461-1471.	5.3	64
249	Inverse association of MRI-derived native myocardial T1 and perfusion reserve index in women with evidence of ischemia and no obstructive CAD: A pilot study. International Journal of Cardiology, 2018, 270, 48-53.	1.7	11
250	Pericoronary Adipose Tissue Computed Tomography Attenuation and High-Risk Plaque Characteristics in Acute Coronary Syndrome Compared With Stable Coronary Artery Disease. JAMA Cardiology, 2018, 3, 858.	6.1	186
251	Is There an Age When Myocardial Perfusion Imaging May No Longer Be Prognostically Useful?. Circulation: Cardiovascular Imaging, 2018, 11, e007322.	2.6	11
252	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2018, 11, e007562.	2.6	81



#	ARTICLE	IF	CITATIONS
253	Real-world clinical utility and impact on clinical decision-making of coronary computed tomography angiography-derived fractional flow reserve: lessons from the ADVANCE Registry. <i>European Heart Journal</i> , 2018, 39, 3701-3711.	2.2	214
254	The Synergistic Use of Coronary Artery Calcium Imaging and Noninvasive Myocardial Perfusion Imaging for Detecting Subclinical Atherosclerosis and Myocardial Ischemia. <i>Current Cardiology Reports</i> , 2018, 20, 59.	2.9	13
255	Effects of Statins on Coronary Atherosclerotic Plaques. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1475-1484.	5.3	335
256	Inter-scan Reproducibility of Cardiovascular Magnetic Resonance Imaging-Derived Myocardial Perfusion Reserve Index in Women with no Obstructive Coronary Artery Disease. <i>Current Trends in Clinical &amp; Medical Imaging</i> , 2018, 2, .	0.2	3
257	Machine learning for prediction of all-cause mortality in patients with suspected coronary artery disease: a 5-year multicentre prospective registry analysis. <i>European Heart Journal</i> , 2017, 38, ehv188.	2.2	447
258	Myocardial blood flow from SPECT. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 278-281.	2.1	11
259	Use of coronary artery calcium scanning as a triage for cardiac ischemia testing. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 502-506.	2.1	4
260	Normal limits for transient ischemic dilation with 99mTc myocardial perfusion SPECT protocols. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1709-1711.	2.1	8
261	Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD: Results from the COronary CT Angiography EvaluationN For Clinical Outcomes InteRnational Multicenter (CONFIRM) study. <i>International Journal of Cardiology</i> , 2017, 231, 18-25.	1.7	56
262	Coronary artery calcium scanning in symptomatic patients: Ready for use as a gatekeeper for further testing?. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 835-838.	2.1	15
263	Cost-effectiveness of diagnostic evaluation strategies for individuals with stable chest pain syndrome and suspected coronary artery disease. <i>Clinical Imaging</i> , 2017, 43, 97-105.	1.5	15
264	Cardiac imaging: working towards fully-automated machine analysis & interpretation. <i>Expert Review of Medical Devices</i> , 2017, 14, 197-212.	2.8	78
265	Clinical indications for coronary artery calcium scoring in asymptomatic patients: Expert consensus statement from the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 157-168.	1.3	258
266	Primary Prevention of CVD. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 304-317.	5.3	13
267	Molecular Imaging of Vulnerable Coronary Plaque: A Pathophysiologic Perspective. <i>Journal of Nuclear Medicine</i> , 2017, 58, 359-364.	5.0	20
268	New Algorithms for the Prediction of Cardiovascular Risk. <i>JAMA Cardiology</i> , 2017, 2, 359.	6.1	1
269	Regional left ventricular function does not predict survival in ischaemic cardiomyopathy after cardiac surgery. <i>Heart</i> , 2017, 103, 1359-1367.	2.9	13
270	Impact of Exercise on the Relationship Between CAC Scores and All-Cause Mortality. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1461-1468.	5.3	43

#	ARTICLE	IF	CITATIONS
271	Motion-Corrected Imaging of the Aortic Valve with <sup>18</sup> F-NaF PET/CT and PET/MRI: A Feasibility Study. Journal of Nuclear Medicine, 2017, 58, 1811-1814.	5.0	23
272	Typical angina is associated with greater coronary endothelial dysfunction but not abnormal vasodilatory reserve. Clinical Cardiology, 2017, 40, 886-891.	1.8	7
273	Incidental coronary calcifications on routine chest CT: Clinical implications. Trends in Cardiovascular Medicine, 2017, 27, 475-480.	4.9	17
274	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. Hypertension, 2017, 70, 293-299.	2.7	57
275	Arterial CO <sub>2</sub> as a Potent Coronary Vasodilator: A Preclinical PET/MR Validation Study with Implications for Cardiac Stress Testing. Journal of Nuclear Medicine, 2017, 58, 953-960.	5.0	14
276	Predictive Value of Age- and Sex-Specific Nomograms of Global Plaque Burden on Coronary Computed Tomography Angiography for Major Cardiac Events. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	31
277	Myocardial tissue deformation is reduced in subjects with coronary microvascular dysfunction but not rescued by treatment with ranolazine. Clinical Cardiology, 2017, 40, 300-306.	1.8	22
278	Quantitative plaque features from coronary computed tomography angiography to identify regional ischemia by myocardial perfusion imaging. European Heart Journal Cardiovascular Imaging, 2017, 18, 499-507.	1.2	31
279	Prognostic implications of coronary artery calcium in the absence of coronary artery luminal narrowing. Atherosclerosis, 2017, 262, 185-190.	0.8	14
280	Can PET/MR Imaging Assess Coronary Artery Plaque Biology?. JACC: Cardiovascular Imaging, 2017, 10, 1113-1115.	5.3	2
281	Comparison of the Coronary Artery Calcium Score and Number of Calcified Coronary Plaques for Predicting Patient Mortality Risk. American Journal of Cardiology, 2017, 120, 2154-2159.	1.6	27
282	The elusive role of myocardial perfusion imaging in stable ischemic heart disease: Is ISCHEMIA the answer?. Journal of Nuclear Cardiology, 2017, 24, 1610-1618.	2.1	4
283	Assessment of Coronary Calcium Density on Noncontrast Computed Tomography. JACC: Cardiovascular Imaging, 2017, 10, 855-857.	5.3	3
284	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	38
285	Quantitative global plaque characteristics from coronary computed tomography angiography for the prediction of future cardiac mortality during long-term follow-up. European Heart Journal Cardiovascular Imaging, 2017, 18, 1331-1339.	1.2	90
286	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. Journal of Cardiovascular Computed Tomography, 2017, 11, 429-436.	1.3	65
287	Interpreting results of coronary computed tomography angiography-derived fractional flow reserve in clinical practice. Journal of Cardiovascular Computed Tomography, 2017, 11, 383-388.	1.3	46
288	Announcement from Publications Committee. Journal of Nuclear Cardiology, 2017, 24, 338.	2.1	0

#	ARTICLE	IF	CITATIONS
289	Automatic Valve Plane Localization in Myocardial Perfusion SPECT/CT by Machine Learning: Anatomic and Clinical Validation. Journal of Nuclear Medicine, 2017, 58, 961-967.	5.0	56
290	Improved 5-year prediction of all-cause mortality by coronary CT angiography applying the CONFIRM score. European Heart Journal Cardiovascular Imaging, 2017, 18, 286-293.	1.2	30
291	Coronary Atherosclerosis T1-Weighted Characterization With Integrated Anatomical Reference. JACC: Cardiovascular Imaging, 2017, 10, 637-648.	5.3	43
292	Prognostic significance of blood pressure response during vasodilator stress Rb-82 positron emission tomography myocardial perfusion imaging. Journal of Nuclear Cardiology, 2017, 24, 1966-1975.	2.1	8
293	Rationale and design of the coronary artery calcium consortium: A multicenter cohort study. Journal of Cardiovascular Computed Tomography, 2017, 11, 54-61.	1.3	71
294	Impact of age and sex on left ventricular function determined by coronary computed tomographic angiography: results from the prospective multicentre CONFIRM study. European Heart Journal Cardiovascular Imaging, 2017, 18, 990-1000.	1.2	23
295	Daily Activity Measured With Wearable Technology as a Novel Measurement of Treatment Effect in Patients With Coronary Microvascular Dysfunction: Substudy of a Randomized Controlled Crossover Trial. JMIR Research Protocols, 2017, 6, e255.	1.0	11
296	Novel SPECT Technologies and Approaches in Cardiac Imaging. Cardiovascular Innovations and Applications, 2016, 2, 31-46.	0.3	9
297	Extending the Use of Coronary Calcium Scanning to Clinical Rather Than Just Screening Populations. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	7
298	Quantification of myocardial blood flow using non-electrocardiogram-triggered MRI with three-slice coverage. Magnetic Resonance in Medicine, 2016, 75, 2112-2120.	3.0	7
299	Coronary Artery Calcium Scanning. JACC: Cardiovascular Imaging, 2016, 9, 1417-1419.	5.3	17
300	All-cause mortality by age and gender based on coronary artery calcium scores. European Heart Journal Cardiovascular Imaging, 2016, 17, 1305-1314.	1.2	57
301	Epicardial adipose tissue volume but not density is an independent predictor for myocardial ischemia. Journal of Cardiovascular Computed Tomography, 2016, 10, 141-149.	1.3	49
302	Diagnostic Accuracy, Image Quality, and Patient Comfort for Coronary CT Angiography Performed Using Iso-Osmolar versus Low-Osmolar Iodinated Contrast. Academic Radiology, 2016, 23, 743-751.	2.5	7
303	A randomized, placebo-controlled trial of late Na current inhibition (ranolazine) in coronary microvascular dysfunction (CMD): impact on angina and myocardial perfusion reserve. European Heart Journal, 2016, 37, 1504-1513.	2.2	152
304	Demons versus level-set motion registration for coronary <sup>18</sup> F-sodium fluoride PET. Proceedings of SPIE, 2016, 9784, .	0.8	11
305	Value Based Imaging for Coronary Artery Disease: Implications for Nuclear Cardiology and Cardiac CT. , 2016, , 349-380.		0
306	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. European Heart Journal, 2016, 37, 1220-1227.	2.2	257

#	ARTICLE	IF	CITATIONS
307	Normal Databases for the Relative Quantification of Myocardial Perfusion. Current Cardiovascular Imaging Reports, 2016, 9, 1.	0.6	18
308	Value-based imaging: Combining coronary artery calcium with myocardial perfusion imaging. Journal of Nuclear Cardiology, 2016, 23, 939-941.	2.1	11
309	Long-Term Prognostic Utility of Coronary CT Angiography in Stable Patients With Diabetes Mellitus. JACC: Cardiovascular Imaging, 2016, 9, 1280-1288.	5.3	70
310	“Same-Patient Processing” for multiple cardiac SPECT studies. 1. Improving LV segmentation accuracy. Journal of Nuclear Cardiology, 2016, 23, 1435-1441.	2.1	11
311	SYNTAX Score Derived From Coronary CT Angiography for Prediction of Complex Percutaneous Coronary Interventions. Academic Radiology, 2016, 23, 1384-1392.	2.5	11
312	CMR First-Pass Perfusion for Suspected Inducible Myocardial Ischemia. JACC: Cardiovascular Imaging, 2016, 9, 1338-1348.	5.3	51
313	“Same-patient processing” for multiple cardiac SPECT studies. 2. Improving quantification repeatability. Journal of Nuclear Cardiology, 2016, 23, 1442-1453.	2.1	11
314	Optimising diagnostic accuracy with the exercise ECG: opportunities for women and men with stable ischaemic heart disease. Heart Asia, 2016, 8, 1-7.	1.1	11
315	CAD-RADSTM Coronary Artery Disease “Reporting and Data System. An expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT), the American College of Radiology (ACR) and the North American Society for Cardiovascular Imaging (NASCI). Endorsed by the American College of Cardiology. Journal of Cardiovascular Computed Tomography, 2016, 10, 269-281.	1.3	480
316	Dyspnea predicts mortality among patients undergoing coronary computed tomographic angiography. International Journal of Cardiovascular Imaging, 2016, 32, 329-337.	1.5	4
317	Long-Term Prognosis After Coronary Artery Calcium Scoring Among Low-Intermediate Risk Women and Men. Circulation: Cardiovascular Imaging, 2016, 9, e003742.	2.6	71
318	CAD-RADS <sub>CA</sub> : Coronary Artery Disease “Reporting and Data System. Journal of the American College of Radiology, 2016, 13, 1458-1466.e9.	1.8	251
319	Predictors of high-risk coronary artery disease in subjects with normal SPECT myocardial perfusion imaging. Journal of Nuclear Cardiology, 2016, 23, 530-541.	2.1	39
320	CT Angiography for the Prediction of Hemodynamic Significance in Intermediate and Severe Lesions. JACC: Cardiovascular Imaging, 2016, 9, 559-564.	5.3	53
321	Prognostic Utility of Calcium Scoring as an Adjunct to Stress Myocardial Perfusion Scintigraphy in End-Stage Renal Disease. American Journal of Cardiology, 2016, 117, 1387-1396.	1.6	17
322	Noninvasive Cardiovascular Risk Assessment of the Asymptomatic Diabetic Patient. JACC: Cardiovascular Imaging, 2016, 9, 176-192.	5.3	80
323	Long term prognostic utility of coronary CT angiography in patients with no modifiable coronary artery disease risk factors: Results from the 5 year follow-up of the CONFIRM International Multicenter Registry. Journal of Cardiovascular Computed Tomography, 2016, 10, 22-27.	1.3	46
324	Automated pericardial fat quantification from coronary magnetic resonance angiography: feasibility study. Journal of Medical Imaging, 2016, 3, 014002.	1.5	7

#	ARTICLE	IF	CITATIONS
325	Myocardial steatosis as a possible mechanistic link between diastolic dysfunction and coronary microvascular dysfunction in women. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H14-H19.	3.2	62
326	Motion Correction of <sup>18</sup> F-NaF PET for Imaging Coronary Atherosclerotic Plaques. Journal of Nuclear Medicine, 2016, 57, 54-59.	5.0	74
327	Coronary calcium scoring for long-term mortality prediction in patients with and without a family history of coronary disease. Heart, 2016, 102, 204-208.	2.9	17
328	Automated Quantitative Nuclear Cardiology Methods. Cardiology Clinics, 2016, 34, 47-57.	2.2	14
329	Technical Aspects of Cardiac PET Imaging and Recent Advances. Cardiology Clinics, 2016, 34, 13-23.	2.2	5
330	Editorial commentary: Coronary plaque burden regression and high-risk plaque reversal: Potential biomarkers for secondary prevention?. Trends in Cardiovascular Medicine, 2016, 26, 162-164.	4.9	0
331	Long-Term Risk Assessment After the Performance of Stress Myocardial Perfusion Imaging. Cardiology Clinics, 2016, 34, 87-99.	2.2	2
332	Non-invasive imaging in assessment of the asymptomatic diabetic patient: Is it of value?. Journal of Nuclear Cardiology, 2016, 23, 37-41.	2.1	4
333	Additive diagnostic value of atherosclerotic plaque characteristics to non-invasive FFR for identification of lesions causing ischaemia: results from a prospective international multicentre trial. EuroIntervention, 2016, 12, 473-481.	3.2	24
334	Automated pericardium delineation and epicardial fat volume quantification from noncontrast CT. Medical Physics, 2015, 42, 5015-5026.	3.0	32
335	Long-Term Prognosis After Coronary Artery Calcification Testing in Asymptomatic Patients. Annals of Internal Medicine, 2015, 163, 14-21.	3.9	150
336	Noncalcified Plaque in Cardiac CT: Quantification and Clinical Implications. Current Cardiovascular Imaging Reports, 2015, 8, 1.	0.6	2
337	Accelerated whole-heart coronary MRA using motion-corrected sensitivity encoding with three-dimensional projection reconstruction. Magnetic Resonance in Medicine, 2015, 73, 284-291.	3.0	38
338	All-systolic non-ECG-gated myocardial perfusion MRI: Feasibility of multi-slice continuous first-pass imaging. Magnetic Resonance in Medicine, 2015, 74, 1661-1674.	3.0	21
339	Quantification of myocardial blood flow using non-ECG-triggered MR imaging. Magnetic Resonance in Medicine, 2015, 74, 765-771.	3.0	7
340	Advances in SPECT and PET Hardware. Progress in Cardiovascular Diseases, 2015, 57, 566-578.	3.1	73
341	Cardiac Magnetic Resonance Myocardial Perfusion Reserve Index Is Reduced in Women With Coronary Microvascular Dysfunction. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	184
342	Incremental prognostic utility of coronary CT angiography for asymptomatic patients based upon extent and severity of coronary artery calcium: results from the COronary CT Angiography Evaluation For Clinical Outcomes International Multicenter (CONFIRM) Study. European Heart Journal, 2015, 36, 501-508.	2.2	111

#	ARTICLE	IF	CITATIONS
343	Dual-Gated Motion-Frozen Cardiac PET with Flurpiridaz F 18. Journal of Nuclear Medicine, 2015, 56, 1876-1881.	5.0	45
344	Current but not past smoking increases the risk of cardiac events: insights from coronary computed tomographic angiography. European Heart Journal, 2015, 36, 1031-1040.	2.2	34
345	Gender differences in the prevalence, severity, and composition of coronary artery disease in the young: a study of 1635 individuals undergoing coronary CT angiography from the prospective, multinational confirm registry. European Heart Journal Cardiovascular Imaging, 2015, 16, 490-499.	1.2	29
346	Atherosclerotic Plaque Characteristics byÂCT Angiography Identify Coronary Lesions That Cause Ischemia. JACC: Cardiovascular Imaging, 2015, 8, 1-10.	5.3	241
347	Prediction of revascularization after myocardial perfusion SPECT by machine learning in a large population. Journal of Nuclear Cardiology, 2015, 22, 877-884.	2.1	110
348	Quantitative high-efficiency cadmium-zinc-telluride SPECT with dedicated parallel-hole collimation system in obese patients: Results of a multi-center study. Journal of Nuclear Cardiology, 2015, 22, 266-275.	2.1	45
349	Validation of the Appropriate Use Criteria for Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease (from the COURAGE Trial). American Journal of Cardiology, 2015, 116, 167-173.	1.6	15
350	Current trends in patients with chronic total occlusions undergoing coronary CT angiography. Heart, 2015, 101, 1212-1218.	2.9	18
351	Structured learning algorithm for detection of nonobstructive and obstructive coronary plaque lesions from computed tomography angiography. Journal of Medical Imaging, 2015, 2, 014003.	1.5	71
352	Medical History for Prognostic Risk Assessment and Diagnosis of Stable Patients with Suspected Coronary Artery Disease. American Journal of Medicine, 2015, 128, 871-878.	1.5	30
353	Coronary calcium scoring from contrast coronary CT angiography using a semiautomated standardized method. Journal of Cardiovascular Computed Tomography, 2015, 9, 446-453.	1.3	25
354	Automated Quantitative Plaque Burden from Coronary CT Angiography Noninvasively Predicts Hemodynamic Significance by using Fractional Flow Reserve in Intermediate Coronary Lesions. Radiology, 2015, 276, 408-415.	7.3	67
355	Prognostic and Therapeutic Implications of Statin and Aspirin Therapy in Individuals With Nonobstructive Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 981-989.	2.4	147
356	Coronary dominance and prognosis in patients undergoing coronary computed tomographic angiography: results from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes:) Tj ETQq0 0 0 rgBT /Overlock 10 7 853-862.	1.2	32
357	A Clinical Model to Identify Patients With High-Risk Coronary Artery Disease. JACC: Cardiovascular Imaging, 2015, 8, 427-434.	5.3	26
358	Prognostic Contribution of Exercise Capacity, Heart Rate Recovery, Chronotropic Incompetence, and Myocardial Perfusion Single-Photon Emission Computerized Tomography in the Prediction of Cardiac Death and All-Cause Mortality. American Journal of Cardiology, 2015, 116, 1678-1684.	1.6	25
359	Relationship Between Quantitative Adverse Plaque Features From Coronary Computed Tomography Angiography and Downstream Impaired Myocardial Flow Reserve by <sup>13</sup> N-Ammonia Positron Emission Tomography. Circulation: Cardiovascular Imaging, 2015, 8, e003255.	2.6	55
360	Native T 1 Mapping by 3-T CMR ImagingÂforÂCharacterization of Chronic Myocardial Infarctions. JACC: Cardiovascular Imaging, 2015, 8, 1019-1030.	5.3	75



#	ARTICLE	IF	CITATIONS
361	Combined Quantitative Assessment of Myocardial Perfusion and Coronary Artery Calcium Score by Hybrid $^{82}\text{Rb}$ PET/CT Improves Detection of Coronary Artery Disease. Journal of Nuclear Medicine, 2015, 56, 1345-1350.	5.0	50
362	Severity of Remodeling, Myocardial Viability, and Survival in Ischemic LV Dysfunction After Surgical Revascularization. JACC: Cardiovascular Imaging, 2015, 8, 1121-1129.	5.3	51
363	Relationship of epicardial fat volume from noncontrast CT with impaired myocardial flow reserve by positron emission tomography. Journal of Cardiovascular Computed Tomography, 2015, 9, 303-309.	1.3	23
364	Atherosclerotic plaque characterization by CT angiography for identification of high-risk coronary artery lesions: a comparison to optical coherence tomography. European Heart Journal Cardiovascular Imaging, 2015, 16, 373-379.	1.2	85
365	Effects of cardiac medications for patients with obstructive coronary artery disease by coronary computed tomographic angiography: Results from the multicenter CONFIRM registry. Atherosclerosis, 2015, 238, 119-125.	0.8	11
366	Extensive thoracic aortic calcification is an independent predictor of development of coronary artery calcium among individuals with coronary artery calcium score of zero. Atherosclerosis, 2015, 238, 4-8.	0.8	15
367	Is Metabolic Syndrome Predictive of Prevalence, Extent, and Risk of Coronary Artery Disease beyond Its Components? Results from the Multinational Coronary CT Angiography Evaluation for Clinical Outcome: An International Multicenter Registry (CONFIRM). PLoS ONE, 2015, 10, e0118998.	2.5	26
368	Absolute myocardial blood flow quantification with SPECT/CT: Is it possible?. Journal of Nuclear Cardiology, 2014, 21, 1092-1095.	2.1	22
369	Response to Letter Regarding Article, "Noninvasive Fractional Flow Reserve Derived From Computed Tomography Angiography for Coronary Lesions of Intermediate Stenosis Severity: Results From the DeFACTO Study". Circulation: Cardiovascular Imaging, 2014, 7, 571-571.	2.6	0
370	Role of Noninvasive Testing in the Clinical Evaluation of Women With Suspected Ischemic Heart Disease. Circulation, 2014, 130, 350-379.	1.6	210
371	Sex-based Prognostic Implications of Nonobstructive Coronary Artery Disease: Results from the International Multicenter CONFIRM Study. Radiology, 2014, 273, 393-400.	7.3	45
372	Myocardial viability and impact of surgical ventricular reconstruction on outcomes of patients with severe left ventricular dysfunction undergoing coronary artery bypass surgery: Results of the Surgical Treatment for Ischemic Heart Failure trial. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2677-2684.e1.	0.8	24
373	Serial Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2014, 7, 79-96.	5.3	51
374	Long-term mortality following normal exercise myocardial perfusion SPECT according to coronary disease risk factors. Journal of Nuclear Cardiology, 2014, 21, 341-350.	2.1	41
375	Predicting Outcome in the COURAGE Trial (Clinical Outcomes Utilizing Revascularization and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.9	178
376	Prognostic Value of PET-Myocardial Perfusion Imaging in Obese Patients. JACC: Cardiovascular Imaging, 2014, 7, 278-287.	5.3	62
377	Prognostic significance of impaired chronotropic response to pharmacologic stress Rb-82 PET. Journal of Nuclear Cardiology, 2014, 21, 233-244.	2.1	27
378	Clinical value of supine and upright myocardial perfusion imaging in obese patients using the D-SPECT camera. Journal of Nuclear Cardiology, 2014, 21, 478-485.	2.1	42



#	ARTICLE	IF	CITATIONS
379	Combined Anatomy and Physiology on Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2014, 63, 1913-1915.	2.8	7
380	Incremental prognostic value of coronary computed tomographic angiography over coronary artery calcium score for risk prediction of major adverse cardiac events in asymptomatic diabetic individuals. Atherosclerosis, 2014, 232, 298-304.	0.8	102
381	Optimizing Image Contrast Display Improves Quantitative Stenosis Measurement in Heavily Calcified Coronary Arterial Segments on Coronary CT Angiography. Academic Radiology, 2014, 21, 797-804.	2.5	8
382	Incremental Value of Diagonal Earlobe Crease to the Diamond-Forrester Classification in Estimating the Probability of Significant Coronary Artery Disease Determined by Computed Tomographic Angiography. American Journal of Cardiology, 2014, 114, 1670-1675.	1.6	8
383	Achieving Very-Low-Dose Radiation Exposure in Cardiac Computed Tomography, Single-Photon Emission Computed Tomography, and Positron Emission Tomography. Circulation: Cardiovascular Imaging, 2014, 7, 723-734.	2.6	15
384	Left Ventricular Function and Volume with Coronary CT Angiography Improves Risk Stratification and Identification of Patients at Risk for Incident Mortality: Results from 7758 Patients in the Prospective Multinational CONFIRM Observational Cohort Study. Radiology, 2014, 273, 70-77.	7.3	30
385	Determination of Location, Size, and Transmurality of Chronic Myocardial Infarction Without Exogenous Contrast Media by Using Cardiac Magnetic Resonance Imaging at 3 T. Circulation: Cardiovascular Imaging, 2014, 7, 471-481.	2.6	51
386	Prognostic value of Rb-82 positron emission tomography myocardial perfusion imaging in coronary artery bypass patients. European Heart Journal Cardiovascular Imaging, 2014, 15, 787-792.	1.2	16
387	The role of PET quantification in cardiovascular imaging. Clinical and Translational Imaging, 2014, 2, 343-358.	2.1	40
388	New Cardiac Cameras: Single-Photon Emission CT and PET. Seminars in Nuclear Medicine, 2014, 44, 232-251.	4.6	65
389	Comparison of Image Quality, Myocardial Perfusion, and Left Ventricular Function Between Standard Imaging and Single-Injection Ultra-Low-Dose Imaging Using a High-Efficiency SPECT Camera: The MILLISIEVERT Study. Journal of Nuclear Medicine, 2014, 55, 1430-1437.	5.0	87
390	Comparison of quantitative atherosclerotic plaque burden from coronary CT angiography in patients with first acute coronary syndrome and stable coronary artery disease. Journal of Cardiovascular Computed Tomography, 2014, 8, 368-374.	1.3	68
391	Noncalcified Coronary Plaque Volumes in Healthy People With a Family History of Early Onset Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2014, 7, 446-453.	2.6	47
392	Two-position supine/prone myocardial perfusion SPECT (MPS) imaging improves visual inter-observer correlation and agreement. Journal of Nuclear Cardiology, 2014, 21, 703-711.	2.1	19
393	Diastolic Dysfunction in Women With Signs and Symptoms of Ischemia in the Absence of Obstructive Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2014, 7, 510-516.	2.6	55
394	Patient-Centered Imaging. Journal of the American College of Cardiology, 2014, 63, 1480-1489.	2.8	122
395	All-cause mortality in asymptomatic persons with extensive Agatston scores above 1000. Journal of Cardiovascular Computed Tomography, 2014, 8, 26-32.	1.3	22
396	Comparative Definitions for Moderate-Severe Ischemia in Stress Nuclear, Echocardiography, and Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2014, 7, 593-604.	5.3	168

#	ARTICLE	IF	CITATIONS
397	New Hardware Solutions for Cardiac SPECT Imaging. Current Cardiovascular Imaging Reports, 2013, 6, 305-313.	0.6	1
398	State of the Art Hybrid Technology: PET/CT. Current Cardiovascular Imaging Reports, 2013, 6, 328-337.	0.6	1
399	Non-invasive measurement of coronary plaque from coronary CT angiography and its clinical implications. Expert Review of Cardiovascular Therapy, 2013, 11, 1067-1077.	1.5	11
400	Initial multicentre experience of high-speed myocardial perfusion imaging: comparison between high-speed and conventional single-photon emission computed tomography with angiographic validation. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1084-1094.	6.4	25
401	Quantification and characterisation of coronary artery plaque volume and adverse plaque features by coronary computed tomographic angiography: a direct comparison to intravascular ultrasound. European Radiology, 2013, 23, 2109-2117.	4.5	70
402	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
403	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
404	Gated SPECT in assessment of regional and global left ventricular function: An update. Journal of Nuclear Cardiology, 2013, 20, 1118-1143.	2.1	30
405	Aggregate Plaque Volume by Coronary Computed Tomography Angiography Is Superior and Incremental to Luminal Narrowing for Diagnosis of Ischemic Lesions of Intermediate Stenosis Severity. Journal of the American College of Cardiology, 2013, 62, 460-467.	2.8	136
406	Prognostic Value of Stress Myocardial Perfusion Positron Emission Tomography. Journal of the American College of Cardiology, 2013, 61, 176-184.	2.8	204
407	Mortality Risk as a Function of the Ratio of Pulmonary Trunk to Ascending Aorta Diameter In Patients With Suspected Coronary Artery Disease. American Journal of Cardiology, 2013, 111, 1259-1263.	1.6	19
408	Phase II Safety and Clinical Comparison With Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging for Detection of Coronary Artery Disease. Journal of the American College of Cardiology, 2013, 61, 469-477.	2.8	172
409	Temporal Trends in the Frequency of Inducible Myocardial Ischemia During Cardiac Stress Testing. Journal of the American College of Cardiology, 2013, 61, 1054-1065.	2.8	314
410	Relationship of epicardial fat volume to coronary plaque, severe coronary stenosis, and high-risk coronary plaque features assessed by coronary CT angiography. Journal of Cardiovascular Computed Tomography, 2013, 7, 125-132.	1.3	56
411	Automated knowledge-based detection of nonobstructive and obstructive arterial lesions from coronary CT angiography. Medical Physics, 2013, 40, 041912.	3.0	19
412	Myocardial perfusion imaging with PET. Imaging in Medicine, 2013, 5, 35-46.	0.0	52
413	Comparison of Fully Automated Computer Analysis and Visual Scoring for Detection of Coronary Artery Disease from Myocardial Perfusion SPECT in a Large Population. Journal of Nuclear Medicine, 2013, 54, 221-228.	5.0	96
414	Multisoftware Reproducibility Study of Stress and Rest Myocardial Blood Flow Assessed with 3D Dynamic PET/CT and a 1-Tissue-Compartment Model of $^{82}\text{Rb}$ Kinetics. Journal of Nuclear Medicine, 2013, 54, 571-577.	5.0	110

#	ARTICLE	IF	CITATIONS
415	Myocardial Perfusion Imaging with a Solid-State Camera: Simulation of a Very Low Dose Imaging Protocol. Journal of Nuclear Medicine, 2013, 54, 373-379.	5.0	100
416	Cardiac risk factors and myocardial perfusion reserve in women with microvascular coronary dysfunction. Cardiovascular Diagnosis and Therapy, 2013, 3, 146-52.	1.7	13
417	Comparison of Clinical Tools for Measurements of Regional Stress and Rest Myocardial Blood Flow Assessed with <sup>13</sup> N-Ammonia PET/CT. Journal of Nuclear Medicine, 2012, 53, 171-181.	5.0	105
418	Coronary artery calcium for the prediction of mortality in young adults <45 years old and elderly adults >75 years old. European Heart Journal, 2012, 33, 2955-2962.	2.2	164
419	Feasibility of determining myocardial transient ischemic dilation from cardiac CT by automated stress/rest registration. Proceedings of SPIE, 2012, , .	0.8	1
420	All-cause mortality benefit of coronary revascularization vs. medical therapy in patients without known coronary artery disease undergoing coronary computed tomographic angiography: results from CONFIRM (CORonary CT Angiography Evaluation For Clinical Outcomes: An International) Tj ETQq0 0 0 rgBT /Overlock 65 Tf 50 53	2.2	65
421	Weight change modulates epicardial fat burden: A 4-year serial study with non-contrast computed tomography. Atherosclerosis, 2012, 220, 139-144.	0.8	73
422	Epicardial fat volume and concurrent presence of both myocardial ischemia and obstructive coronary artery disease. Atherosclerosis, 2012, 221, 422-426.	0.8	67
423	Statins use and coronary artery plaque composition: Results from the International Multicenter CONFIRM Registry. Atherosclerosis, 2012, 225, 148-153.	0.8	72
424	Coronary Computed Tomographic Angiography as a Gatekeeper to Invasive Diagnostic and Surgical Procedures. Journal of the American College of Cardiology, 2012, 60, 2103-2114.	2.8	144
425	Diagnostic Accuracy of Fractional Flow Reserve From Anatomic CT Angiography. JAMA - Journal of the American Medical Association, 2012, 308, 1237.	7.4	956
426	Baseline stress myocardial perfusion imaging results and outcomes in patients with stable ischemic heart disease randomized to optimal medical therapy with or without percutaneous coronary intervention. American Heart Journal, 2012, 164, 243-250.	2.7	175
427	Patient Management After Noninvasive Cardiac Imaging. Journal of the American College of Cardiology, 2012, 59, 462-474.	2.8	188
428	Mortality Rates in Smokers and Nonsmokers in the Presence or Absence of Coronary Artery Calcification. JACC: Cardiovascular Imaging, 2012, 5, 1037-1045.	5.3	73
429	Use of Coronary Artery Calcium Scanning to Screen for Coronary Atherosclerosis Among Early Middle-Age AdultsâŽžEditorials published in JACC: Cardiovascular Imaging reflect the views of the authors and do not necessarily represent the views of JACC: Cardiovascular Imaging or the American College of Cardiology.. JACC: Cardiovascular Imaging, 2012, 5, 931-934.	5.3	2
430	Association of Epicardial Fat, Hypertension, Subclinical Coronary Artery Disease, and Metabolic Syndrome With Left Ventricular Diastolic Dysfunction. American Journal of Cardiology, 2012, 110, 1793-1798.	1.6	70
431	Prognosis in the era of comparative effectiveness research: Where is nuclear cardiology now and where should it be?. Journal of Nuclear Cardiology, 2012, 19, 1026-1043.	2.1	117
432	Prognostic value of quantitative high-speed myocardial perfusion imaging. Journal of Nuclear Cardiology, 2012, 19, 1113-1123.	2.1	39

#	ARTICLE	IF	CITATIONS
433	CT Quantification of Epicardial Fat: Implications for Cardiovascular Risk Assessment. Current Cardiovascular Imaging Reports, 2012, 5, 352-359.	0.6	6
434	Integrating Physiologic and Anatomic Assessment of Coronary Artery Disease by Coronary Computed Tomographic Angiography. Current Cardiovascular Imaging Reports, 2012, 5, 301-309.	0.6	0
435	Identifying and Redefining Stenosis by CT Angiography. Cardiology Clinics, 2012, 30, 57-67.	2.2	1
436	Advances in Nuclear Cardiac Instrumentation with a View Towards Reduced Radiation Exposure. Current Cardiology Reports, 2012, 14, 208-216.	2.9	63
437	Automated quantitative Rb-82 3D PET/CT myocardial perfusion imaging: Normal limits and correlation with invasive coronary angiography. Journal of Nuclear Cardiology, 2012, 19, 265-276.	2.1	55
438	Fully automated wall motion and thickening scoring system for myocardial perfusion SPECT: Method development and validation in large population. Journal of Nuclear Cardiology, 2012, 19, 291-302.	2.1	29
439	Tracking a therapeutic response: How reliable are serial measurements of LV perfusion and function?. Journal of Nuclear Cardiology, 2012, 19, 360-363.	2.1	13
440	Transient ischemic dilation for coronary artery disease in quantitative analysis of same-day sestamibi myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2012, 19, 465-473.	2.1	49
441	Automatic alignment of myocardial perfusion PET and 64-slice coronary CT angiography on hybrid PET/CT. Journal of Nuclear Cardiology, 2012, 19, 482-491.	2.1	21
442	Relation of Diagonal Ear Lobe Crease to the Presence, Extent, and Severity of Coronary Artery Disease Determined by Coronary Computed Tomography Angiography. American Journal of Cardiology, 2012, 109, 1283-1287.	1.6	67
443	Comparative Value of Coronary Artery Calcium and Multiple Blood Biomarkers for Prognostication of Cardiovascular Events. American Journal of Cardiology, 2012, 109, 1449-1453.	1.6	57
444	Nomograms for estimating coronary artery disease prognosis with gated stress myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2012, 19, 43-52.	2.1	30
445	Improvement in PET myocardial perfusion image quality and quantification with flurpiridaz F 18. Journal of Nuclear Cardiology, 2012, 19, 38-45.	2.1	34
446	Epicardial and thoracic fat - Noninvasive measurement and clinical implications. Cardiovascular Diagnosis and Therapy, 2012, 2, 85-93.	1.7	68
447	Reproducibility of myocardial perfusion reserve - variations in measurements from post processing using commercially available software. Cardiovascular Diagnosis and Therapy, 2012, 2, 268-77.	1.7	19
448	Impact of ischaemia and scar on the therapeutic benefit derived from myocardial revascularization vs. medical therapy among patients undergoing stress-rest myocardial perfusion scintigraphy. European Heart Journal, 2011, 32, 1012-1024.	2.2	427
449	Mortality Risk in Symptomatic Patients With Nonobstructive Coronary Artery Disease. Journal of the American College of Cardiology, 2011, 58, 510-519.	2.8	202
450	Impact of Coronary Artery Calcium Scanning on Coronary Risk Factors and Downstream Testing. Journal of the American College of Cardiology, 2011, 57, 1622-1632.	2.8	390

#	ARTICLE	IF	CITATIONS
451	Age- and Sex-Related Differences in All-Cause Mortality Risk Based on Coronary Computed Tomography Angiography Findings. Journal of the American College of Cardiology, 2011, 58, 849-860.	2.8	668
452	The CT-STAT (Coronary Computed Tomographic Angiography for Systematic Triage of Acute Chest Pain) Trial. Journal of the American College of Cardiology, 2011, 58, 861-869.	2.8	522
453	Prevalence and Severity of Coronary Artery Disease and Adverse Events Among Symptomatic Patients With Coronary Artery Calcification Scores of Zero Undergoing Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2011, 58, 2533-2540.	2.8	321
454	Rationale and design of the CONFIRM (CORonary CT Angiography Evaluation FOR Clinical Outcomes: An International Multicenter Study) trial. Journal of the American College of Cardiology, 2011, 58, 2541-2549.	1.3	152
455	Assessment of left ventricular regional wall motion and ejection fraction with low-radiation dose helical dual-source CT: Comparison to two-dimensional echocardiography. Journal of Cardiovascular Computed Tomography, 2011, 5, 149-157.	1.3	21
456	Interscan reproducibility of computer-aided epicardial and thoracic fat measurement from noncontrast cardiac CT. Journal of Cardiovascular Computed Tomography, 2011, 5, 172-179.	1.3	51
457	The relationship between epicardial fat volume and incident coronary artery calcium. Journal of Cardiovascular Computed Tomography, 2011, 5, 310-316.	1.3	26
458	Myocardial Ischemia in the Absence of Obstructive Coronary Artery Disease in Systemic Lupus Erythematosus. JACC: Cardiovascular Imaging, 2011, 4, 27-33.	5.3	138
459	Ranolazine Improves Angina in Women With Evidence of Myocardial Ischemia But No Obstructive Coronary Artery Disease. JACC: Cardiovascular Imaging, 2011, 4, 514-522.	5.3	180
460	Is cardiac catheterization necessary before initial management of patients with stable ischemic heart disease? Results from a Web-based survey of cardiologists. American Heart Journal, 2011, 162, 1034-1043.e13.	2.7	19
461	Nonobstructive coronary artery disease as detected by 64-detector row cardiac computed tomographic angiography is associated with increased left ventricular mass. Journal of Cardiovascular Computed Tomography, 2011, 5, 158-164.	1.3	7
462	Relationship of coronary artery plaque composition to coronary artery stenosis severity: Results from the prospective multicenter ACCURACY trial. Atherosclerosis, 2011, 219, 573-578.	0.8	28
463	Increase in epicardial fat volume is associated with greater coronary artery calcification progression in subjects at intermediate risk by coronary calcium score: A serial study using non-contrast cardiac CT. Atherosclerosis, 2011, 218, 363-368.	0.8	97
464	Vulnerable plaque features on coronary CT angiography as markers of inducible regional myocardial hypoperfusion from severe coronary artery stenoses. Atherosclerosis, 2011, 219, 588-595.	0.8	79
465	Do Psychological Risk Factors Predict the Presence of Coronary Atherosclerosis?. Psychosomatic Medicine, 2011, 73, 7-15.	2.0	33
466	Automatic 3D registration of dynamic stress and rest <sup>82</sup> Rb and flurpiridaz F 18 myocardial perfusion PET data for patient motion detection and correction. Medical Physics, 2011, 38, 6313-6326.	3.0	34
467	Threshold for the Upper Normal Limit of Indexed Epicardial Fat Volume: Derivation in a Healthy Population and Validation in an Outcome-Based Study. American Journal of Cardiology, 2011, 108, 1680-1685.	1.6	58
468	Motion frozen 18F-FDG cardiac PET. Journal of Nuclear Cardiology, 2011, 18, 259-266.	2.1	40

#	ARTICLE	IF	CITATIONS
469	Comparison of the atherosclerotic burden among asymptomatic patients vs matched volunteers. Journal of Nuclear Cardiology, 2011, 18, 291-298.	2.1	11
470	Non-enhanced cardiac computed tomographyâ€”still an open book. Journal of Nuclear Cardiology, 2011, 18, 21-23.	2.1	2
471	Prognostic value of automated vs visual analysis for adenosine stress myocardial perfusion SPECT in patients without prior coronary artery disease: A case-control study. Journal of Nuclear Cardiology, 2011, 18, 1003-1009.	2.1	20
472	Combination of Myocardial Perfusion Imaging and Coronary Artery Calcium Scanning: Potential Synergies for Improving Risk Assessment in Subjects with Suspected Coronary Artery Disease. Current Atherosclerosis Reports, 2011, 13, 381-389.	4.8	17
473	Importance of Residual Myocardial Ischemia After Intervention in the Genesis of Cardiovascular Events Among Patients with Chronic Coronary Artery Disease. Current Cardiology Reports, 2011, 13, 280-286.	2.9	2
474	Performance of the Traditional Age, Sex, and Angina Typicalityâ€”Based Approach for Estimating Pretest Probability of Angiographically Significant Coronary Artery Disease in Patients Undergoing Coronary Computed Tomographic Angiography. Circulation, 2011, 124, 2423-2432.	1.6	263
475	Cascaded regression for CT slice localization. , 2011, , .		1
476	Comprehensive Non-contrast CT Imaging of the Vulnerable Patient. , 2011, , 375-391.		1
477	From Vulnerable Plaque to Vulnerable Patient â€” Part III. , 2011, , 517-535.		0
478	Cardiac Imaging for Ischemia in Asymptomatic Patients: Use of Coronary Artery Calcium Scanning to Improve Patient Selection: Lessons from the EISNER Study. , 2011, , 411-427.		0
479	Nonlinear registration of serial coronary CT angiography (CCTA) for assessment of changes in atherosclerotic plaque. Medical Physics, 2010, 37, 885-896.	3.0	2
480	Technetiumâ€”99mâ€”sestamibi Redistribution after Exercise Stress Test Identified by a Novel Cardiac Gamma Camera: Two Case Reports. Clinical Cardiology, 2010, 33, E39-45.	1.8	8
481	Simultaneous dual-radionuclide myocardial perfusion imaging with a solid-state dedicated cardiac camera. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1710-1721.	6.4	98
482	Supine acceptance of a conventional imaging position may make you less prone to success. Journal of Nuclear Cardiology, 2010, 17, 16-18.	2.1	7
483	Enhanced definition PET for cardiac imaging. Journal of Nuclear Cardiology, 2010, 17, 414-426.	2.1	41
484	Combined quantitative analysis of attenuation corrected and non-corrected myocardial perfusion SPECT: Method development and clinical validation. Journal of Nuclear Cardiology, 2010, 17, 591-599.	2.1	49
485	Assessment of the relationship between stenosis severity and distribution of coronary artery stenoses on multislice computed tomographic angiography and myocardial ischemia detected by single photon emission computed tomography. Journal of Nuclear Cardiology, 2010, 17, 791-802.	2.1	40
486	Solid-State SPECT technology: fast and furious. Journal of Nuclear Cardiology, 2010, 17, 890-896.	2.1	42



#	ARTICLE	IF	CITATIONS
487	Automatic and visual reproducibility of perfusion and function measures for myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2010, 17, 1050-1057.	2.1	77
488	Comparison of long-term mortality risk following normal exercise vs adenosine myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2010, 17, 999-1008.	2.1	91
489	New Imaging Protocols for New Single Photon Emission CT Technologies. Current Cardiovascular Imaging Reports, 2010, 3, 162-170.	0.6	12
490	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Catheterization and Cardiovascular Interventions, 2010, 76, E1-42.	1.7	51
491	Regional and Global Ventricular Function and Volumes from SPECT Perfusion Imaging. , 2010, , 194-222.		2
492	Automated algorithm for atlas-based segmentation of the heart and pericardium from non-contrast CT. , 2010, 7623, 762337.		15
493	Quantitative Uprightâ€“Supine High-Speed SPECT Myocardial Perfusion Imaging for Detection of Coronary Artery Disease: Correlation with Invasive Coronary Angiography. Journal of Nuclear Medicine, 2010, 51, 1724-1731.	5.0	126
494	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Circulation, 2010, 121, 2509-2543.	1.6	247
495	Knowledge-based quantification of pericardial fat in non-contrast CT data. Proceedings of SPIE, 2010, , .	0.8	10
496	Automated Three-dimensional Quantification of Noncalcified Coronary Plaque from Coronary CT Angiography: Comparison with Intravascular US. Radiology, 2010, 257, 516-522.	7.3	177
497	The Present State of Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2010, 55, 957-965.	2.8	164
498	Determinants of Coronary Calcium Conversion Among Patients With a Normal Coronary Calcium Scan. Journal of the American College of Cardiology, 2010, 55, 1110-1117.	2.8	182
499	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. Journal of the American College of Cardiology, 2010, 55, 2663-2699.	2.8	244
500	Multicenter Trial of High-Speed Versus Conventional Single-Photon Emission Computed Tomography Imaging. Journal of the American College of Cardiology, 2010, 55, 1965-1974.	2.8	136
501	Agreement of Visual Estimation of Coronary Artery Calcium From Low-Dose CT Attenuation Correction Scans in Hybrid PET/CT and SPECT/CT With Standard Agatston Score. Journal of the American College of Cardiology, 2010, 56, 1914-1921.	2.8	177
502	Cardiovascular Imaging Research at the Crossroads. JACC: Cardiovascular Imaging, 2010, 3, 316-324.	5.3	80
503	Pericardial Fat Burden on ECG-Gated Noncontrast CT in Asymptomatic Patients Who Subsequently Experience Adverse Cardiovascular Events. JACC: Cardiovascular Imaging, 2010, 3, 352-360.	5.3	210
504	Comparison of the Extent and Severity of Myocardial Perfusion Defects Measured by CT Coronary Angiography and SPECT Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2010, 3, 1010-1019.	5.3	68



#	ARTICLE	IF	CITATIONS
505	Increased Pericardial Fat Volume Measured From Noncontrast CT Predicts Myocardial Ischemia by SPECT. JACC: Cardiovascular Imaging, 2010, 3, 1104-1112.	5.3	133
506	Improved Near-Term Coronary Artery Disease Risk Classification With Gated Stress Myocardial Perfusion SPECT. JACC: Cardiovascular Imaging, 2010, 3, 1139-1148.	5.3	39
507	Computer-aided non-contrast CT-based quantification of pericardial and thoracic fat and their associations with coronary calcium and metabolic syndrome. Atherosclerosis, 2010, 209, 136-141.	0.8	123
508	Improved Quantification and Normal Limits for Myocardial Perfusion Stressâ€“Rest Change. Journal of Nuclear Medicine, 2010, 51, 204-209.	5.0	14
509	Digital/Fast SPECT. , 2010, , 132-148.		3
510	Comparative Use of Radionuclide Stress Testing, Coronary Artery Calcium Scanning, and Noninvasive Coronary Angiography for Diagnostic and Prognostic Cardiac Assessment. , 2010, , 233-254.		0
511	Prognostic Implications of MPI Stress SPECT. , 2010, , 267-286.		0
512	Geometric featureâ€“based multimodal image registration of contrastâ€“enhanced cardiac CT with gated myocardial perfusion SPECT. Medical Physics, 2009, 36, 5467-5479.	3.0	21
513	A Novel High-Sensitivity Rapid-Acquisition Single-Photon Cardiac Imaging Camera. Journal of Nuclear Medicine, 2009, 50, 635-643.	5.0	241
514	Prognostic Implications of Myocardial Perfusion Single-Photon Emission Computed Tomography in the Elderly. Circulation, 2009, 120, 2197-2206.	1.6	102
515	Feature-based non-rigid volume registration of serial coronary CT angiography. , 2009, , .		0
516	Are Shades of Gray Prognostically Useful in Reporting Myocardial Perfusion Single-Photon Emission Computed Tomography?. Circulation: Cardiovascular Imaging, 2009, 2, 290-298.	2.6	46
517	Quantitative Analysis of Myocardial Perfusion SPECT Anatomically Guided by Coregistered 64-Slice Coronary CT Angiography. Journal of Nuclear Medicine, 2009, 50, 1621-1630.	5.0	76
518	ACCF/ASNC/ACR/AHA/ASE/SCCT/SCMR/SNM 2009 Appropriate Use Criteria for Cardiac Radionuclide Imaging. Circulation, 2009, 119, e561-87.	1.6	408
519	Relation of Plaque Characteristics Defined by Coronary Computed Tomographic Angiography to ST-Segment Depression and Impaired Functional Capacity During Exercise Treadmill Testing in Patients Suspected of Having Coronary Heart Disease. American Journal of Cardiology, 2009, 103, 50-58.	1.6	21
520	Prognostic Accuracy of B-Natriuretic Peptide Measurements and Coronary Artery Calcium in Asymptomatic Subjects (from the Early Identification of Subclinical Atherosclerosis by Noninvasive) Tj ETQq0 0 0 rgB /Overlook 10 Tf 50		
521	Threshold, incidence, and predictors of prognostically high-risk silent ischemia in asymptomatic patients without prior diagnosis of coronary artery disease. Journal of Nuclear Cardiology, 2009, 16, 193-200.	2.1	74
522	Quantitative assessment of myocardial perfusion abnormality on SPECT myocardial perfusion imaging is more reproducible than expert visual analysis. Journal of Nuclear Cardiology, 2009, 16, 45-53.	2.1	139

#	ARTICLE	IF	CITATIONS
523	Advances in technical aspects of myocardial perfusion SPECT imaging. Journal of Nuclear Cardiology, 2009, 16, 255-276.	2.1	223
524	ASNC Announcement. Journal of Nuclear Cardiology, 2009, 16, 330.	2.1	2
525	Screening for coronary artery disease in diabetic patients: A commentary. Journal of Nuclear Cardiology, 2009, 16, 851-854.	2.1	5
526	Can Coronary Computed Tomographic Angiography Trigger Coronary Revascularization?. JACC: Cardiovascular Interventions, 2009, 2, 558-560.	2.9	4
527	Functional Versus Anatomic Imaging in Patients with Suspected Coronary Artery Disease. Cardiology Clinics, 2009, 27, 597-604.	2.2	9
528	ACCF/ASNC/ACR/AHA/ASE/SCCT/SCMR/SNM 2009 Appropriate Use Criteria for Cardiac Radionuclide Imaging. Journal of the American College of Cardiology, 2009, 53, 2201-2229.	2.8	533
529	Induced Cardiovascular Procedural Costs and Resource Consumption Patterns After Coronary Artery Calcium Screening. Journal of the American College of Cardiology, 2009, 54, 1258-1267.	2.8	49
530	Thoracic Aortic Calcium Versus Coronary Artery Calcium for the Prediction of Coronary Heart Disease and Cardiovascular Disease Events. JACC: Cardiovascular Imaging, 2009, 2, 319-326.	5.3	99
531	Stress Thallium-201/Rest Technetium-99m Sequential Dual Isotope High-Speed Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2009, 2, 273-282.	5.3	138
532	Characterization of Complex Coronary Artery Stenosis Morphology by Coronary Computed Tomographic Angiography. JACC: Cardiovascular Imaging, 2009, 2, 950-958.	5.3	8
533	SCCT guidelines for the interpretation and reporting of coronary computed tomographic angiography. Journal of Cardiovascular Computed Tomography, 2009, 3, 122-136.	1.3	666
534	President's page. Journal of Cardiovascular Computed Tomography, 2009, 3, 287-289.	1.3	0
535	Reproducibility of coronary artery plaque volume and composition quantification by 64-detector row coronary computed tomographic angiography: An intraobserver, interobserver, and interscan variability study. Journal of Cardiovascular Computed Tomography, 2009, 3, 312-320.	1.3	51
536	Automated 3-dimensional quantification of noncalcified and calcified coronary plaque from coronary CT angiography. Journal of Cardiovascular Computed Tomography, 2009, 3, 372-382.	1.3	100
537	Coronary artery calcium scoring using a reduced tube voltage and radiation dose protocol with dual-source computed tomography. Journal of Cardiovascular Computed Tomography, 2009, 3, 394-400.	1.3	92
538	Comparative roles of cardiac CT and nuclear cardiology in assessment of the patient with suspected coronary artery disease. Journal of Invasive Cardiology, 2009, 21, 352-8.	0.4	4
539	Prognostic estimation of coronary artery disease risk with resting perfusion abnormalities and stress ischemia on myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2008, 15, 762-773.	2.1	50
540	Quantitative myocardial-perfusion SPECT: Comparison of three state-of-the-art software packages. Journal of Nuclear Cardiology, 2008, 15, 27-34.	2.1	55

#	ARTICLE	IF	CITATIONS
541	Clinical imaging for prevention: Directed strategies for improved detection of presymptomatic patients with undetected atherosclerosisâ€”Part I: Clinical imaging for prevention. Journal of Nuclear Cardiology, 2008, 15, e6-e19.	2.1	16
542	Letter to the editor. Journal of Nuclear Cardiology, 2008, 15, 476.	2.1	3
543	Aortic Size Assessment by Noncontrast Cardiac Computed Tomography: Normal Limits by Age, Gender, and Body Surface Area. JACC: Cardiovascular Imaging, 2008, 1, 200-209.	5.3	256
544	High-Speed Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2008, 1, 156-163.	5.3	213
545	Moving Beyond Binary Grading of Coronary Arterial Stenoses on Coronary Computed Tomographic Angiography. JACC: Cardiovascular Imaging, 2008, 1, 460-471.	5.3	83
546	Prognostic estimation of coronary artery disease risk with resting perfusion abnormalities and stress ischemia on myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2008, 15, 762-773.	2.1	6
547	Predicting success of prospective and retrospective gating with dual-source coronary computed tomography angiography: Development of selection criteria and initial experience. Journal of Cardiovascular Computed Tomography, 2008, 2, 81-90.	1.3	51
548	Prognosis by coronary computed tomographic angiography: Matched comparison with myocardial perfusion single-photon emission computed tomography. Journal of Cardiovascular Computed Tomography, 2008, 2, 93-101.	1.3	50
549	Image quality and artifacts in coronary CT angiography with dual-source CT: Initial clinical experience. Journal of Cardiovascular Computed Tomography, 2008, 2, 105-114.	1.3	42
550	The gestalt of cardiac imaging. Journal of Cardiovascular Computed Tomography, 2008, 2, 149-151.	1.3	0
551	Dual-source coronary computed tomography angiography in patients with atrial fibrillation: initial experience. Journal of Cardiovascular Computed Tomography, 2008, 2, 172-180.	1.3	20
552	Algorithm for radiation dose reduction with helical dual source coronary computed tomography angiography in clinical practice. Journal of Cardiovascular Computed Tomography, 2008, 2, 311-322.	1.3	57
553	Assessment of the thoracic aorta by multidetector computed tomography: Age- and sex-specific reference values in adults without evident cardiovascular disease. Journal of Cardiovascular Computed Tomography, 2008, 2, 298-308.	1.3	123
554	Optimal Medical Therapy With or Without Percutaneous Coronary Intervention to Reduce Ischemic Burden. Circulation, 2008, 117, 1283-1291.	1.6	1,478
555	Motion-Frozen Myocardial Perfusion SPECT Improves Detection of Coronary Artery Disease in Obese Patients. Journal of Nuclear Medicine, 2008, 49, 1075-1079.	5.0	35
556	Response to Letters Regarding Article, â€œOptimal Medical Therapy With or Without Percutaneous Coronary Intervention to Reduce Ischemic Burden: Results From the Clinical Outcomes Utilizing Revascularization and Aggressive Drug Evaluation (COURAGE) Trial Nuclear Substudyâ€. Circulation, 2008, 118, .	1.6	1
557	Automatic Global and Regional Phase Analysis from Gated Myocardial Perfusion SPECT Imaging: Application to the Characterization of Ventricular Contraction in Patients with Left Bundle Branch Block. Journal of Nuclear Medicine, 2008, 49, 1790-1797.	5.0	62
558	Comparison of Myocardial Perfusion <sup>82</sup> Rb PET Performed with CT- and Transmission CTâ€”Based Attenuation Correction. Journal of Nuclear Medicine, 2008, 49, 1992-1998.	5.0	39

#	ARTICLE	IF	CITATIONS
559	Applications and software techniques for integrated cardiac multimodality imaging. Expert Review of Cardiovascular Therapy, 2008, 6, 27-41.	1.5	16
560	High definition PET for cardiac imaging: Preliminary results. , 2008, , .		0
561	Cost-effective applications of cardiac computed tomography in coronary artery disease. Expert Review of Cardiovascular Therapy, 2008, 6, 43-55.	1.5	4
562	Automated Quantitation of Pericardiac Fat From Noncontrast CT. Investigative Radiology, 2008, 43, 145-153.	6.2	90
563	Cardiac SPECT and PET: Complementary Roles with Cardiac CT. , 2008, , 1-11.		0
564	Comparative Use of Radionuclide Stress Testing, Coronary Artery Calcium Scanning, and Noninvasive Coronary Angiography for Diagnostic and Prognostic Cardiac Assessment. Seminars in Nuclear Medicine, 2007, 37, 2-16.	4.6	56
565	Optimal Medical Therapy with or without PCI for Stable Coronary Disease. New England Journal of Medicine, 2007, 356, 1503-1516.	27.0	4,022
566	Long-Term Prognosis Associated With Coronary Calcification. Journal of the American College of Cardiology, 2007, 49, 1860-1870.	2.8	1,193
567	Clinical Outcomes After Both Coronary Calcium Scanning and Exercise Myocardial Perfusion Scintigraphy. Journal of the American College of Cardiology, 2007, 49, 1352-1361.	2.8	132
568	Prognostic Value of Multidetector Coronary Computed Tomographic Angiography for Prediction of All-Cause Mortality. Journal of the American College of Cardiology, 2007, 50, 1161-1170.	2.8	922
569	Quantitation of infarct size in patients with chronic coronary artery disease using rest-redistribution Tl-201 myocardial perfusion SPECT: Correlation with contrast-enhanced cardiac magnetic resonance. Journal of Nuclear Cardiology, 2007, 14, 59-67.	2.1	8
570	Attenuation correction in cardiac SPECT: The boy who cried wolf?. Journal of Nuclear Cardiology, 2007, 14, 25-35.	2.1	39
571	Underestimation of extent of ischemia by gated SPECT myocardial perfusion imaging in patients with left main coronary artery disease. Journal of Nuclear Cardiology, 2007, 14, 521-528.	2.1	310
572	Recent technologic advances in nuclear cardiology. Journal of Nuclear Cardiology, 2007, 14, 501-513.	2.1	109
573	Quantitation in gated perfusion SPECT imaging: The Cedars-Sinai approach. Journal of Nuclear Cardiology, 2007, 14, 433-454.	2.1	219
574	Transient ischemic dilation ratio: A universal high-risk diagnostic marker in myocardial perfusion imaging. Journal of Nuclear Cardiology, 2007, 14, 497-500.	2.1	43
575	Use of coronary calcium scanning for predicting inducible myocardial ischemia: Influence of patients' clinical presentation. Journal of Nuclear Cardiology, 2007, 14, 669-679.	2.1	45
576	Combined quantitative supine-prone myocardial perfusion SPECT improves detection of coronary artery disease and normalcy rates in women. Journal of Nuclear Cardiology, 2007, 14, 44-52.	2.1	50

#	ARTICLE	IF	CITATIONS
577	The Evolving Pattern of Symptomatic Coronary Artery Disease in the United States and Canada: Baseline Characteristics of the Clinical Outcomes Utilizing Revascularization and Aggressive DruG Evaluation (COURAGE) Trial. American Journal of Cardiology, 2007, 99, 208-212.	1.6	70
578	Gated SPECT in assessment of regional and global left ventricular function: Major tool of modern nuclear imaging. Journal of Nuclear Cardiology, 2006, 13, 261-279.	2.1	6
579	Impact of Body Mass Index on Cardiac Mortality in Patients With Known or Suspected Coronary Artery Disease Undergoing Myocardial Perfusion Single-Photon Emission Computed Tomography. Journal of the American College of Cardiology, 2006, 47, 1418-1426.	2.8	41
580	Coronary artery calcium scanning: Clinical paradigms for cardiac risk assessment and treatment. American Heart Journal, 2006, 151, 1139-1146.	2.7	62
581	Design and rationale of the Clinical Outcomes Utilizing Revascularization and Aggressive DruG Evaluation (COURAGE) trial. American Heart Journal, 2006, 151, 1173-1179.	2.7	82
582	Fourth Annual Mario S. Verani, MD Memorial Lecture: Noninvasive imaging in coronary artery disease: Changing roles, changing players. Journal of Nuclear Cardiology, 2006, 13, 457-473.	2.1	15
583	Left ventricular shape index assessed by gated stress myocardial perfusion SPECT: Initial description of a new variable. Journal of Nuclear Cardiology, 2006, 13, 652-659.	2.1	38
584	Gated myocardial perfusion single photon emission computed tomography in the clinical outcomes utilizing revascularization and aggressive drug evaluation (COURAGE) trial, Veterans Administration Cooperative study no. 424. Journal of Nuclear Cardiology, 2006, 13, 685-698.	2.1	34
585	Prognostic value of poststress left ventricular volume and ejection fraction by gated myocardial perfusion SPECT in women and men: Gender-related differences in normal limits and outcomes. Journal of Nuclear Cardiology, 2006, 13, 495-506.	2.1	116
586	Predicting therapeutic benefit from myocardial revascularization procedures: Are measurements of both resting left ventricular ejection fraction and stress-induced myocardial ischemia necessary?. Journal of Nuclear Cardiology, 2006, 13, 768-778.	2.1	156
587	Diagnostic accuracy of gated Tc-99m sestamibi stress myocardial perfusion SPECT with combined supine and prone acquisitions to detect coronary artery disease in obese and nonobese patients. Journal of Nuclear Cardiology, 2006, 13, 191-201.	2.1	72
588	Gated SPECT in assessment of regional and global left ventricular function: Major tool of modern nuclear imaging. Journal of Nuclear Cardiology, 2006, 13, 261-279.	2.1	54
589	Cardiovascular Disease Risk Stratification With Stress Single-Photon Emission Computed Tomography Technetium-99m Tetrofosmin Imaging in Patients With the Metabolic Syndrome and Diabetes Mellitus. American Journal of Cardiology, 2006, 97, 1538-1544.	1.6	48
590	Direct quantitative in vivo comparison of calcified atherosclerotic plaque on vascular MRI and CT by multimodality image registration. Journal of Magnetic Resonance Imaging, 2006, 23, 345-354.	3.4	16
591	Prognostic Assessment by Noninvasive Imaging. Part a. Clinical Decision-making in Patients with Suspected or Known Coronary Artery Disease. , 2006, , 189-208.		1
592	Nuclear Cardiology and Cardiac Computed Tomography in Assessment of Patients with Known or Suspected Chronic Coronary Artery Disease. , 2006, , 239-259.		0
593	Combined supine and prone quantitative myocardial perfusion SPECT: method development and clinical validation in patients with no known coronary artery disease. Journal of Nuclear Medicine, 2006, 47, 51-8.	5.0	89
594	Roles of nuclear cardiology, cardiac computed tomography, and cardiac magnetic resonance: assessment of patients with suspected coronary artery disease. Journal of Nuclear Medicine, 2006, 47, 74-82.	5.0	85

#	ARTICLE	IF	CITATIONS
595	Roles of nuclear cardiology, cardiac computed tomography, and cardiac magnetic resonance: Noninvasive risk stratification and a conceptual framework for the selection of noninvasive imaging tests in patients with known or suspected coronary artery disease. Journal of Nuclear Medicine, 2006, 47, 1107-18.	5.0	93
596	Prognostic value of myocardial perfusion SPECT versus exercise electrocardiography in patients with ST-segment depression on resting electrocardiography. Journal of Nuclear Cardiology, 2005, 12, 655-661.	2.1	9
597	Automated quantification of myocardial perfusion SPECT using simplified normal limits. Journal of Nuclear Cardiology, 2005, 12, 66-77.	2.1	252
598	Computed tomography coronary calcium screening and myocardial perfusion imaging. Journal of Nuclear Cardiology, 2005, 12, 96-103.	2.1	21
599	Computed tomographic imaging within nuclear cardiology. Journal of Nuclear Cardiology, 2005, 12, 131-142.	2.1	18
600	Transient ischemic dilation associated with poststress myocardial stunning of the left ventricle in vasodilator stress myocardial perfusion SPECT: True marker of severe ischemia?. Journal of Nuclear Cardiology, 2005, 12, 258-260.	2.1	22
601	Redefining the low-risk patient with significant atherosclerotic disease. Journal of Nuclear Cardiology, 2005, 12, 375-377.	2.1	11
602	Sequential Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging. American Journal of Cardiology, 2005, 96, 28-39.	1.6	9
603	Quantitative single-photon emission computed tomography imaging. Current Cardiology Reports, 2005, 7, 136-142.	2.9	11
604	Concordance of Coronary Artery Calcium Estimates Between MDCT and Electron Beam Tomography. American Journal of Roentgenology, 2005, 185, 1542-1545.	2.2	54
605	Prognostic Significance of Dyspnea in Patients Referred for Cardiac Stress Testing. New England Journal of Medicine, 2005, 353, 1889-1898.	27.0	256
606	Metabolic Syndrome and Diabetes Are Associated With an Increased Likelihood of Inducible Myocardial Ischemia Among Patients With Subclinical Atherosclerosis. Diabetes Care, 2005, 28, 1445-1450.	8.6	111
607	The use of nuclear cardiology in clinical decision making. Seminars in Nuclear Medicine, 2005, 35, 62-72.	4.6	63
608	A prognostic score for prediction of cardiac mortality risk after adenosine stress myocardial perfusion scintigraphy. Journal of the American College of Cardiology, 2005, 45, 722-729.	2.8	106
609	Automatic detection and size quantification of infarcts by myocardial perfusion SPECT: clinical validation by delayed-enhancement MRI. Journal of Nuclear Medicine, 2005, 46, 728-35.	5.0	23
610	Assessment of diastolic function using 16-frame 99mTc-sestamibi gated myocardial perfusion SPECT: normal values. Journal of Nuclear Medicine, 2005, 46, 1102-8.	5.0	73
611	Prognostic relevance of symptoms versus objective evidence of coronary artery disease in diabetic patients*1. European Heart Journal, 2004, 25, 543-550.	2.2	171
612	Prognostic validation of a 17-segment score derived from a 20-segment score for myocardial perfusion SPECT interpretation. Journal of Nuclear Cardiology, 2004, 11, 414-423.	2.1	246



#	ARTICLE	IF	CITATIONS
613	Complementary roles of coronary calcium scanning and myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2004, 11, 379-381.	2.1	8
614	Stress myocardial perfusion single-photon emission computed tomography is clinically effective and cost effective in risk stratification of patients with a high likelihood of coronary artery disease (CAD) but no known CAD. Journal of the American College of Cardiology, 2004, 43, 200-208.	2.8	195
615	Prognostic value of coronary artery calcium screening in subjects with and without diabetes. Journal of the American College of Cardiology, 2004, 43, 1663-1669.	2.8	551
616	The incremental prognostic value of percentage of heart rate reserve achieved over myocardial perfusion single-photon emission computed tomography in the prediction of cardiac death and all-cause mortality. Journal of the American College of Cardiology, 2004, 44, 423-430.	2.8	150
617	Prognostic implications of atrial fibrillation in patients undergoing myocardial perfusion single-photon emission computed tomography. Journal of the American College of Cardiology, 2004, 44, 1062-1070.	2.8	55
618	Relationship between stress-induced myocardial ischemia and atherosclerosis measured by coronary calcium tomography. Journal of the American College of Cardiology, 2004, 44, 923-930.	2.8	416
619	Role of nuclear cardiology in advancing cardiac surgery. Seminars in Thoracic and Cardiovascular Surgery, 2004, 16, 255-265.	0.6	3
620	Myocardial Perfusion Imaging for Cardiac Risk Stratification. , 2004, , 253-278.		0
621	Nuclear Cardiology for Imaging the Effects of Therapy. , 2004, , 279-308.		0
622	Automatic quantification of myocardial perfusion stress-rest change: a new measure of ischemia. Journal of Nuclear Medicine, 2004, 45, 183-91.	5.0	60
623	Influence of angiographic collateral circulation on myocardial perfusion in patients with chronic total occlusion of a single coronary artery and no prior myocardial infarction. Journal of Nuclear Medicine, 2004, 45, 950-5.	5.0	41
624	"Motion-frozen" display and quantification of myocardial perfusion. Journal of Nuclear Medicine, 2004, 45, 1128-34.	5.0	72
625	Quantification of serial changes in myocardial perfusion. Journal of Nuclear Medicine, 2004, 45, 1978-80.	5.0	11
626	Integration of automatically measured transient ischemic dilation ratio into interpretation of adenosine stress myocardial perfusion SPECT for detection of severe and extensive CAD. Journal of Nuclear Medicine, 2004, 45, 1999-2007.	5.0	71
627	Use of atropine in patients with submaximal heart rate during exercise myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2003, 10, 51-55.	2.1	8
628	Relation of thoracic aortic and aortic valve calcium to coronary artery calcium and risk assessment. American Journal of Cardiology, 2003, 92, 951-955.	1.6	74
629	Rest perfusion defects in patients with no history of myocardial infarction predict the presence of a critical coronary artery stenosis. Journal of Nuclear Cardiology, 2003, 10, 656-662.	2.1	4
630	Transient ischemic dilation ratio of the left ventricle is a significant predictor of future cardiac events in patients with otherwise normal myocardial perfusion SPECT. Journal of the American College of Cardiology, 2003, 42, 1818-1825.	2.8	204



#	ARTICLE	IF	CITATIONS
631	ACC/AHA/ASNC Guidelines for the Clinical Use of Cardiac Radionuclide Imaging—Executive Summary. Journal of the American College of Cardiology, 2003, 42, 1318-1333.	2.8	860
632	Adenosine myocardial perfusion single-photon emission computed tomography in women compared with men. Journal of the American College of Cardiology, 2003, 41, 1125-1133.	2.8	272
633	Determinants of risk and its temporal variation in patients with normal stress myocardial perfusion scans. Journal of the American College of Cardiology, 2003, 41, 1329-1340.	2.8	358
634	The metabolic syndrome, diabetes, and subclinical atherosclerosis assessed by coronary calcium. Journal of the American College of Cardiology, 2003, 41, 1547-1553.	2.8	216
635	Is there a referral bias against catheterization of patients with reduced left ventricular ejection fraction?. Journal of the American College of Cardiology, 2003, 42, 1286-1294.	2.8	37
636	The VIVA Trial. Circulation, 2003, 107, 1359-1365.	1.6	964
637	Prognostic Value of Cardiac Risk Factors and Coronary Artery Calcium Screening for All-Cause Mortality. Radiology, 2003, 228, 826-833.	7.3	824
638	ACC/AHA/ASNC Guidelines for the Clinical Use of Cardiac Radionuclide Imaging—Executive Summary. Circulation, 2003, 108, 1404-1418.	1.6	620
639	Comparison of the Short-Term Survival Benefit Associated With Revascularization Compared With Medical Therapy in Patients With No Prior Coronary Artery Disease Undergoing Stress Myocardial Perfusion Single Photon Emission Computed Tomography. Circulation, 2003, 107, 2900-2907.	1.6	1,395
640	Prognostic Impact of Hemodynamic Response to Adenosine in Patients Older Than Age 55 Years Undergoing Vasodilator Stress Myocardial Perfusion Study. Circulation, 2003, 107, 2894-2899.	1.6	93
641	New frontiers in risk stratification using stress myocardial perfusion single photon emission computed tomography. Current Opinion in Cardiology, 2003, 18, 494-502.	1.8	5
642	Prognostic implications of combined prone and supine acquisitions in patients with equivocal or abnormal supine myocardial perfusion SPECT. Journal of Nuclear Medicine, 2003, 44, 1633-40.	5.0	55
643	Impact of Diabetes on the Risk Stratification Using Stress Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging in Patients With Symptoms Suggestive of Coronary Artery Disease. Circulation, 2002, 105, 32-40.	1.6	346
644	Value of Stress Myocardial Perfusion Single Photon Emission Computed Tomography in Patients With Normal Resting Electrocardiograms. Circulation, 2002, 105, 823-829.	1.6	195
645	Risk stratification in patients with remote prior myocardial infarction using rest-stress myocardial perfusion SPECT: Prognostic value and impact on referral to early catheterization. Journal of Nuclear Cardiology, 2002, 9, 23-32.	2.1	48
646	When to stress patients after coronary artery bypass surgery?. Journal of the American College of Cardiology, 2001, 37, 144-152.	2.8	105
647	Serial changes on quantitative myocardial perfusion SPECT in patients undergoing revascularization or conservative therapy. Journal of Nuclear Cardiology, 2001, 8, 428-437.	2.1	30
648	Nuclear cardiology and electron-beam computed tomography: competitive or complementary?. American Journal of Cardiology, 2001, 88, 51-55.	1.6	18

#	ARTICLE	IF	CITATIONS
649	Recent advances in myocardial perfusion imaging. Current Problems in Cardiology, 2001, 26, 8-140.	2.4	6
650	Resolution of Stress-Induced Myocardial Ischemia During Aggressive Medical Therapy as Demonstrated by Single Photon Emission Computed Tomography Imaging. Circulation, 2001, 103, 2315-2315.	1.6	13
651	A Cross-Sectional Analysis of the Relationship Between Hormone Replacement Therapy and Coronary Artery Calcification. Circulation, 2001, 103, 1355-1355.	1.6	0
652	Comparative localization of myocardial ischemia by exercise electrocardiography and myocardial perfusion SPECT*1. Journal of Nuclear Cardiology, 2000, 7, 140-145.	2.1	10
653	Methodological considerations in the assessment of noninvasive testing using outcomes research: Pitfalls and limitations. Progress in Cardiovascular Diseases, 2000, 43, 215-230.	3.1	24
654	Noninvasive strategies for the estimation of cardiac risk in stable chest pain patients. American Journal of Cardiology, 2000, 86, 1-7.	1.6	79
655	Identification of severe and extensive coronary artery disease by postexercise regional wall motion abnormalities in Tc-99m sestamibi gated single-photon emission computed tomography. American Journal of Cardiology, 2000, 86, 1171-1175.	1.6	127
656	Sustained reduction of exercise perfusion defect extent and severity with isosorbide mononitrate (Imdur) as demonstrated by means of technetium 99m sestamibi. Journal of Nuclear Cardiology, 2000, 7, 342-353.	2.1	28
657	Enhanced prognostic stratification of patients with left ventricular hypertrophy with the use of single-photon emission computed tomography. American Heart Journal, 2000, 140, 456-462.	2.7	24
658	Multicenter Clinical Trial to Evaluate the Efficacy of Correction for Photon Attenuation and Scatter in SPECT Myocardial Perfusion Imaging. Circulation, 1999, 99, 2742-2749.	1.6	215
659	Incremental Prognostic Value of Rest-Redistribution <sup>201</sup> Tl Single-Photon Emission Computed Tomography. Circulation, 1999, 100, 1964-1970.	1.6	39
660	Incremental Prognostic Value of Post-Stress Left Ventricular Ejection Fraction and Volume by Gated Myocardial Perfusion Single Photon Emission Computed Tomography. Circulation, 1999, 100, 1035-1042.	1.6	512
661	Automatic quantification of left ventricular ejection fraction from gated blood pool SPECT. Journal of Nuclear Cardiology, 1999, 6, 498-506.	2.1	80
662	Cost analysis of diagnostic testing for coronary artery disease in women with stable chest pain. Journal of Nuclear Cardiology, 1999, 6, 559-569.	2.1	74
663	Using an outcomes-based approach to identify candidates for risk stratification after exercise treadmill testing. Journal of General Internal Medicine, 1999, 14, 1-9.	2.6	32
664	The ongoing evolution of risk stratification using myocardial perfusion imaging in patients with known or suspected coronary artery disease. ACC Current Journal Review, 1999, 8, 66-71.	0.1	8
665	The economic consequences of available diagnostic and prognostic strategies for the evaluation of stable angina patients: an observational assessment of the value of precatheterization ischemia. Journal of the American College of Cardiology, 1999, 33, 661-669.	2.8	336
666	The role of nuclear cardiology in clinical decision making. Seminars in Nuclear Medicine, 1999, 29, 280-297.	4.6	62

#	ARTICLE	IF	CITATIONS
667	Incremental prognostic value of myocardial perfusion single photon emission computed tomography in patients with diabetes mellitus. American Heart Journal, 1999, 138, 1025-1032.	2.7	174
668	Comparative ability of myocardial perfusion single-photon emission computed tomography to detect coronary artery disease in patients with and without diabetes mellitus. American Heart Journal, 1999, 137, 949-957.	2.7	130
669	The noninvasive prediction of cardiac mortality in men and women with known or suspected coronary artery disease. American Journal of Medicine, 1999, 106, 172-178.	1.5	114
670	Incremental prognostic value of adenosine myocardial perfusion single-photon emission computed tomography in women with suspected coronary artery disease. American Journal of Cardiology, 1998, 82, 725-730.	1.6	73
671	Validation of left ventricular volume measurements by gated SPECT 99mTc-labeled sestamibi imaging*1. Journal of Nuclear Cardiology, 1998, 5, 574-578.	2.1	113
672	Repeatability of automatic left ventricular cavity volume measurements from myocardial perfusion SPECT. Journal of Nuclear Cardiology, 1998, 5, 477-483.	2.1	56
673	Incremental Prognostic Value of Myocardial Perfusion Single Photon Emission Computed Tomography for the Prediction of Cardiac Death. Circulation, 1998, 97, 535-543.	1.6	1,123
674	Automatic Quantitation of Regional Myocardial Wall Motion and Thickening From Gated Technetium-99m Sestamibi Myocardial Perfusion Single-Photon Emission Computed Tomography. Journal of the American College of Cardiology, 1997, 30, 1360-1367.	2.8	273
675	Usefulness of hemodynamic changes during adenosine infusion in predicting the diagnostic accuracy of adenosine technetium-99m sestamibi single-photon emission computed tomography (SPECT). American Journal of Cardiology, 1997, 79, 1319-1322.	1.6	36
676	Identification of Severe or Extensive Coronary Artery Disease in Women by Adenosine Technetium-99m Sestamibi SPECT. American Journal of Cardiology, 1997, 80, 132-137.	1.6	99
677	Achieving Sustained Improvement in Myocardial Perfusion: Role of Isosorbide Mononitrate. American Journal of Cardiology, 1997, 79, 31-35.	1.6	11
678	Incremental Prognostic Value of Adenosine Stress Myocardial Perfusion Single-Photon Emission Computed Tomography and Impact on Subsequent Management in Patients With or Suspected of Having Myocardial Ischemia. American Journal of Cardiology, 1997, 80, 426-433.	1.6	123
679	Imaging techniques for coronary artery disease: Current status and future directions. Clinical Cardiology, 1997, 20, 526-532.	1.8	6
680	An automatic approach to the analysis, quantitation and review of perfusion and function from myocardial perfusion SPECT images. International Journal of Cardiovascular Imaging, 1997, 13, 337-346.	0.6	75
681	Plato's cave: Multidimensionality of nuclear cardiology images. Journal of Nuclear Cardiology, 1997, 4, 169-171.	2.1	6
682	Adenosine technetium-99m sestamibi myocardial perfusion SPECT in women: Diagnostic efficacy in detection of coronary artery disease. Journal of the American College of Cardiology, 1996, 27, 803-809.	2.8	100
683	Identification of severe and extensive coronary artery disease by automatic measurement of transient ischemic dilation of the left ventricle in dual-isotope myocardial perfusion SPECT. Journal of the American College of Cardiology, 1996, 27, 1612-1620.	2.8	229
684	Effective risk stratification using exercise myocardial perfusion SPECT in women: Gender-related differences in prognostic nuclear testing. Journal of the American College of Cardiology, 1996, 28, 34-44.	2.8	174

#	ARTICLE	IF	CITATIONS
685	Fast technetium 99m-labeled sestamibi gated single-photon emission computed tomography for evaluation of myocardial function <sup>1</sup> . Journal of Nuclear Cardiology, 1996, 3, 143-149.	2.1	32
686	Effect of the number of projections collected on quantitative perfusion and left ventricular ejection fraction measurements from gated myocardial perfusion single-photon emission computed tomographic images <sup>1</sup> . Journal of Nuclear Cardiology, 1996, 3, 395-402.	2.1	12
687	Risk assessment in patients with stable coronary artery disease: Incremental value of nuclear imaging. Journal of Nuclear Cardiology, 1996, 3, S41-S49.	2.1	22
688	Exercise Myocardial Perfusion SPECT in Patients Without Known Coronary Artery Disease. Circulation, 1996, 93, 905-914.	1.6	727
689	Diagnostic efficacy of stress technetium 99m-labeled sestamibi myocardial perfusion single-photon emission computed tomography in detection of coronary artery disease among patients over age 80*. Journal of Nuclear Cardiology, 1995, 2, 380-388.	2.1	23
690	Incremental prognostic value of exercise thallium-201 myocardial single-photon emission computed tomography late after coronary artery bypass surgery. Journal of the American College of Cardiology, 1995, 25, 403-409.	2.8	83
691	Incremental value of simultaneous assessment of myocardial function and perfusion with technetium-99m sestamibi for prediction of extent of coronary artery disease. Journal of the American College of Cardiology, 1995, 25, 1024-1031.	2.8	62
692	Incremental value of prognostic testing in patients with known or suspected ischemic heart disease: A basis for optimal utilization of exercise technetium-99m sestamibi myocardial perfusion single-photon emission computed tomography. Journal of the American College of Cardiology, 1995, 26, 639-647.	2.8	525
693	Gender-related differences in clinical management after exercise nuclear testing. Journal of the American College of Cardiology, 1995, 26, 1457-1464.	2.8	93
694	Prior Restraint: A Bayesian Perspective on the Optimization of Technology Utilization for Diagnosis of Coronary Artery Disease. American Journal of Cardiology, 1995, 76, 82-86.	1.6	26
695	Pharmacologic stress dual-isotope myocardial perfusion single-photon emission computed tomography. American Heart Journal, 1994, 128, 1067-1076.	2.7	35
696	Quantitative severity of stress thallium-201 myocardial perfusion single-photon emission computed tomography defects in one-vessel coronary artery disease. American Journal of Cardiology, 1993, 72, 273-279.	1.6	22
697	Separate acquisition rest thallium-201/stress technetium-99m sestamibi dual-isotope myocardial perfusion single-photon emission computed tomography: A clinical validation study. Journal of the American College of Cardiology, 1993, 22, 1455-1464.	2.8	488
698	Reproducibility of stress redistribution thallium-201 SPECT quantitative indexes of hypoperfused myocardium secondary to coronary artery disease. American Journal of Cardiology, 1992, 70, 1255-1263.	1.6	23
699	A new approach to the assessment of tomographic thallium-201 scintigraphy in patients with left bundle branch block. Journal of the American College of Cardiology, 1991, 17, 1309-1317.	2.8	68
700	Comparison of thallium-201 SPECT and planar imaging methods for quantification of experimental myocardial infarct size. American Heart Journal, 1991, 122, 972-979.	2.7	16
701	Technical aspects of myocardial spect imaging with technetium-99m sestamibi. American Journal of Cardiology, 1990, 66, E23-E31.	1.6	201
702	Comparison of SPECT using technetium-99m agents and thallium-201 and PET for the assessment of myocardial perfusion and viability. American Journal of Cardiology, 1990, 66, E72-E79.	1.6	41

#	ARTICLE	IF	CITATIONS
703	Significance of dipyridamole-Induced transient dilation of the left ventricle during thallium-201 scintigraphy in suspected coronary artery disease. American Journal of Cardiology, 1990, 66, 689-694.	1.6	100
704	Development and prospective application of quantitative 2-day stress-rest Tc-99m methoxy isobutyl isonitrile SPECT for the diagnosis of coronary artery disease. American Heart Journal, 1990, 120, 1255-1266.	2.7	44
705	Late reversibility of tomographic myocardial thallium-201 defects: An accurate marker of myocardial viability. Journal of the American College of Cardiology, 1988, 12, 1456-1463.	2.8	390
706	Patient Motion in Thallium-201 Myocardial SPECT Imaging An Easily Identified Frequent Source of Artifactual Defect. Clinical Nuclear Medicine, 1988, 13, 321-324.	1.3	50
707	The efficacy of cardiovascular nuclear medicine exercise studies. Seminars in Nuclear Medicine, 1987, 17, 104-120.	4.6	63
708	Transient ischemic dilation of the left ventricle on stress thallium-201 scintigraphy: A marker of severe and extensive coronary artery disease. Journal of the American College of Cardiology, 1987, 9, 752-759.	2.8	231
709	Incremental prognostic power of clinical history, exercise electrocardiography and myocardial perfusion scintigraphy in suspected coronary artery disease. American Journal of Cardiology, 1987, 59, 270-277.	1.6	151
710	Should the intent of testing influence its interpretation?. Journal of the American College of Cardiology, 1986, 7, 17-24.	2.8	19
711	Noninvasive identification of left main and triple vessel coronary artery disease: Improved accuracy using quantitative analysis of regional myocardial stress distribution and washout of thallium-201. Journal of the American College of Cardiology, 1986, 7, 53-60.	2.8	107
712	Extent and severity of myocardial hypoperfusion as predictors of prognosis in patients with suspected coronary artery disease. Journal of the American College of Cardiology, 1986, 7, 464-471.	2.8	422
713	Correlation of thyroglobulin measurements and radioiodine scans in the follow-up of patients with differentiated thyroid cancer. Cancer, 1985, 55, 1525-1529.	4.1	42
714	Diffuse slow washout of myocardial thallium-201: A new scintigraphic indicator of extensive coronary artery disease. Journal of the American College of Cardiology, 1984, 4, 55-64.	2.8	92
715	Sustained benefits of oral pentaerythritol tetranitrate on ventricular function in chronic congestive heart failure. Clinical Pharmacology and Therapeutics, 1980, 28, 436-440.	4.7	12
716	Clinical Value of Assessment of Perfusion and Function for the Evaluation of Myocardial Viability in Patients with Ischemic Left Ventricular Dysfunction. , 0, , 257-271.		1