

Daniel S Berman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

659
papers

45,274
citations

103
h-index

192
g-index

733
ext. papers

55,538
ext. citations

5.4
avg, IF

6.99
L-index

#	Paper	IF	Citations
659	Aortic valve imaging using F-sodium fluoride: impact of triple motion correction.. <i>EJNMMI Physics</i> , 2022 , 9, 4	4.4	0
658	Intramyocardial Hemorrhage and the "Wave Front" of Reperfusion Injury Compromising Myocardial Salvage.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 35-48	15.1	4
657	Subclinical hepatic fibrosis is associated with coronary microvascular dysfunction by myocardial perfusion reserve index: a retrospective cohort study.. <i>International Journal of Cardiovascular Imaging</i> , 2022 , 1	2.5	
656	Novel Techniques: Solid-State Detectors, Dose Reduction (SPECT/CT) 2022 , 103-129		
655	Predictors of Left Main Coronary Artery Disease in the ISCHEMIA Trial.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 651-661	15.1	1
654	Prevalence and predictors of automatically quantified myocardial ischemia within a multicenter international registry.. <i>Journal of Nuclear Cardiology</i> , 2022 , 1	2.1	0
653	Cardiac microstructural alterations in immune-inflammatory myocardial disease: a retrospective case-control study.. <i>Cardiovascular Ultrasound</i> , 2022 , 20, 9	2.4	
652	Deep learning-enabled coronary CT angiography for plaque and stenosis quantification and cardiac risk prediction: an international multicentre study.. <i>The Lancet Digital Health</i> , 2022 , 4, e256-e265	14.4	3
651	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry.. <i>Computers in Biology and Medicine</i> , 2022 , 145, 105449	7	1
650	Coronary Microvascular Dysfunction in Patients With Systemic Lupus Erythematosus and Chest Pain.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 867155	5.4	1
649	Distribution of Coronary Artery Calcium by Age, Sex, and Race Among Patients 30-45 Years Old.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1873-1886	15.1	1
648	Development and validation of ischemia risk scores.. <i>Journal of Nuclear Cardiology</i> , 2022 , 1	2.1	0
647	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry.. <i>Radiology: Cardiothoracic Imaging</i> , 2022 , 4, e210225	8.3	1
646	Hepatosteatosi s and Atherosclerotic Plaque at Coronary CT Angiography.. <i>Radiology: Cardiothoracic Imaging</i> , 2022 , 4, e210260	8.3	1
645	Evaluation of California Non-Comprehensive Death File Against National Death Index 2022 , 100015		
644	Quantification of myocardial blood flow by CZT-SPECT with motion correction and comparison with O-water PET. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1477-1486	2.1	14
643	Short-term repeatability of myocardial blood flow using Rb PET/CT: The effect of arterial input function position and motion correction. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1718-1725	2.1	10

642	Comparison of diabetes to other prognostic predictors among patients referred for cardiac stress testing: A contemporary analysis from the REFINE SPECT Registry. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	2
641	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1573-1583	15.1	4
640	The prevalence and predictors of inducible myocardial ischemia among patients referred for radionuclide stress testing. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	2
639	Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries: quantitative plaque analysis on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 322-330	4.1	3
638	Prognostic significance of aortic valve calcium in relation to coronary artery calcification for long-term, cause-specific mortality: results from the CAC Consortium. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1257-1263	4.1	4
637	Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1582-1590	8.9	1
636	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1072-1082	4.1	3
635	Diagnostic and prognostic value of Technetium-99m pyrophosphate uptake quantitation for transthyretin cardiac amyloidosis. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1835-1845	2.1	5
634	Impact of Early Revascularization on Major Adverse Cardiovascular Events in Relation to Automatically Quantified Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 644-653	8.4	8
633	Machine-learning with F-sodium fluoride PET and quantitative plaque analysis on CT angiography for the future risk of myocardial infarction. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	7
632	Diastolic dysfunction in women with ischemia and no obstructive coronary artery disease: Mechanistic insight from magnetic resonance imaging. <i>International Journal of Cardiology</i> , 2021 , 331, 1-7	3.2	2
631	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. <i>Atherosclerosis</i> , 2021 , 324, 46-51	3.1	6
630	Changing Drivers of Mortality Among Patients Referred for Cardiac Stress Testing. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021 , 5, 560-573	3.1	1
629	Diagnostic safety of a machine learning-based automatic patient selection algorithm for stress-only myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	4
628	Impact of train/test sample regimen on performance estimate stability of machine learning in cardiovascular imaging. <i>Scientific Reports</i> , 2021 , 11, 14490	4.9	4
627	Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 ,	8.4	8
626	Prognostic Value of Phase Analysis for Predicting Adverse Cardiac Events Beyond Conventional Single-Photon Emission Computed Tomography Variables: Results From the REFINE SPECT Registry. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012386	3.9	0
625	Determining a minimum set of variables for machine learning cardiovascular event prediction: results from REFINE SPECT registry. <i>Cardiovascular Research</i> , 2021 ,	9.9	4

624	Cardiovascular F-fluoride positron emission tomography-magnetic resonance imaging: A comparison study. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1-12	2.1	11
623	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	2.8	15
622	Temporal changes in FFR-Guided Management of Coronary Artery Disease - Lessons from the ADVANCE Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 48-55	2.8	2
621	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	4.1	15
620	Comparing Risk Scores in the Prediction of Coronary and Cardiovascular Deaths: Coronary Artery Calcium Consortium. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 411-421	8.4	16
619	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	8.4	11
618	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	4.1	7
617	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	2.8	2
616	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	3	2
615	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	3.1	13
614	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 233-242	8.4	14
613	Influence of Coronary Artery Calcium Score on Computed Tomography-Derived Fractional Flow Reserve: A Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 702-703	8.4	0
612	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	2.8	33
611	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	2.8	29
610	The clinical utility of FFR stratified by age. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 121-128	2.8	2
609	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	2.4	4
608	Prediction of revascularization by coronary CT angiography using a machine learning ischemia risk score. <i>European Radiology</i> , 2021 , 31, 1227-1235	8	10
607	Prognostic Performance of Myocardial Perfusion and Function 2021 , 325-368		

606	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. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1105-1116	2.1	1
605	Synergistic Assessment of Mortality Risk According to Body Mass Index and Exercise Ability and Capacity in Patients Referred for Radionuclide Stress Testing. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 3001-3011	6.4	0
604	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 322-330	2.8	3
603	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. <i>Radiology</i> , 2021 , 300, 79-86	20.5	3
602	Association of Tube Voltage With Plaque Composition on Coronary CT Angiography: Results From PARADIGM Registry. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2429-2440	8.4	0
601	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. <i>JAMA Cardiology</i> , 2021 , 6, 1257-1266	16.2	15
600	Feasibility of Using an Ultrashort Lifestyle Questionnaire to Predict Future Mortality Risk among Patients with Suspected Heart Disease. <i>American Journal of Cardiology</i> , 2021 , 153, 36-42	3	0
599	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2021 , 144, 1396-1408	16.7	9
598	The accuracy of coronary CT angiography in patients with coronary calcium score above 1000 Agatston Units: Comparison with quantitative coronary angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 412-418	2.8	2
597	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1804-1814	8.4	7
596	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1787-1799	8.4	8
595	Outcomes in the ISCHEMIA Trial Based on Coronary Artery Disease and Ischemia Severity. <i>Circulation</i> , 2021 , 144, 1024-1038	16.7	15
594	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 ,	2.8	1
593	Risk Markers for Limited Coronary Artery Calcium in Persons With Significant Aortic Valve Calcium (From the Multi-ethnic Study of Atherosclerosis). <i>American Journal of Cardiology</i> , 2021 , 156, 58-64	3	2
592	Implication of thoracic aortic calcification over coronary calcium score regarding the 2018 ACC/AHA Multisociety cholesterol guideline: results from the CAC Consortium. <i>American Journal of Preventive Cardiology</i> , 2021 , 8, 100232	1.9	0
591	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1410-1421	8.4	3
590	Metabolic syndrome, fatty liver, and artificial intelligence-based epicardial adipose tissue measures predict long-term risk of cardiac events: a prospective study. <i>Cardiovascular Diabetology</i> , 2021 , 20, 27	8.7	6
589	Contrast-enhanced computed tomography assessment of aortic stenosis. <i>Heart</i> , 2021 , 107, 1905-1911	5.1	5

588	Simulation of Low-Dose Protocols for Myocardial Perfusion Rb Imaging. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1112-1117	8.9	2
587	Improved myocardial blood flow estimation with residual activity correction and motion correction in F-flurpiridaz PET myocardial perfusion imaging.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	3
586	A rare case of coronary artery perforation into right ventricle detected by coronary CT angiography.. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 ,	2.8	
585	Association between coronary artery calcium and cardiovascular disease as a supporting cause in cancer: The CAC consortium. <i>American Journal of Preventive Cardiology</i> , 2020 , 4, 100119	1.9	2
584	Percutaneous or surgical revascularization is associated with survival benefit in stable coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 961-970	4.1	5
583	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. <i>PLoS ONE</i> , 2020 , 15, e0232573	3.7	11
582	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> , 2020 , 1	2.1	1
581	Quantitative Assessment of Cardiac Hypermetabolism and Perfusion for Diagnosis of Cardiac Sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	9
580	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 973-980	4.1	13
579	A Clinical Tool to Identify Candidates for Stress-First Myocardial Perfusion Imaging. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2193-2202	8.4	0
578	Associations Among Self-reported Physical Activity, Coronary Artery Calcium Scores, and Mortality Risk in Older Adults. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2020 , 4, 229-237	3.1	6
577	CZT camera systems may provide better risk stratification for low-risk patients. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	0
576	Coronary F-Sodium Fluoride Uptake Predicts Outcomes in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3061-3074	15.1	38
575	Multicenter Study on the Diagnostic Performance of Native-T1 Cardiac Magnetic Resonance of Chronic Myocardial Infarctions at 3T. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009894	3.9	6
574	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. <i>International Journal of Cardiology</i> , 2020 , 309, 19-22	3.2	5
573	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction: Results From the Multicenter SCOT-HEART Trial (Scottish Computed Tomography of the HEART). <i>Circulation</i> , 2020 , 141, 1452-1462	16.7	105
572	Initial Invasive or Conservative Strategy for Stable Coronary Disease. <i>New England Journal of Medicine</i> , 2020 , 382, 1395-1407	59.2	642
571	Association of Sex With Severity of Coronary Artery Disease, Ischemia, and Symptom Burden in Patients With Moderate or Severe Ischemia: Secondary Analysis of the ISCHEMIA Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2020 , 5, 773-786	16.2	44

570	3D PET/CT Rb 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, 3084-3093	8.8	7
569	Observer repeatability and interscan reproducibility of 18F-sodium fluoride coronary microcalcification activity. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	6
568	Deep Learning-Based Quantification of Epicardial Adipose Tissue Volume and Attenuation Predicts Major Adverse Cardiovascular Events in Asymptomatic Subjects. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009829	3.9	35
567	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 479-488	4.1	21
566	Increased long-term mortality in women with high left ventricular ejection fraction: data from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter) long-term registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 363-374	4.1	5
565	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. <i>JAMA Cardiology</i> , 2020 , 5, 282-290	16.2	35
564	Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 400-406	2.8	10
563	Coronary Artery Calcium and the Age-Specific Competing Risk of Cardiovascular Versus Cancer Mortality: The Coronary Artery Calcium Consortium. <i>American Journal of Medicine</i> , 2020 , 133, e575-e583 ²⁻⁴	2.4	5
562	Prognostic significance of previous myocardial infarction and previous revascularization in patients undergoing SPECT MPI. <i>International Journal of Cardiology</i> , 2020 , 313, 9-15	3.2	6
561	Appropriate Use Criteria for PET Myocardial Perfusion Imaging. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1221-1265	8.9	16
560	Pharmacologic Stress Testing: Its Roots, Its Impact, and Its Future. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 66S-67S	8.9	
559	Interplay of Coronary Artery Calcium and Risk Factors for Predicting CVD/CHD Mortality: The CAC Consortium. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1175-1186	8.4	24
558	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	8.4	31
557	Whole-vessel coronary F-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	8.8	18
556	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	9.9	31
555	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	3.1	13
554	Vulnerable plaque imaging using F-sodium fluoride positron emission tomography. <i>British Journal of Radiology</i> , 2020 , 93, 20190797	3.4	7
553	The association of coronary artery calcium score and mortality risk among smokers: The coronary artery calcium consortium. <i>Atherosclerosis</i> , 2020 , 294, 33-40	3.1	6

552	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	8.7	6
551	Design, methodology and baseline characteristics of the Women's Myocardial Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD). <i>American Heart Journal</i> , 2020 , 220, 224-236	4.9	10
550	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	2.8	8
549	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	14.6	7
548	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	3.1	2
547	Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2386-2396	8.4	8
546	Automated quantitative analysis of CZT SPECT stratifies cardiovascular risk in the obese population: Analysis of the REFINE SPECT registry. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	0
545	Mortality risk among patients undergoing exercise versus pharmacologic myocardial perfusion imaging: A propensity-based comparison. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	2
544	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	15.1	25
543	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	8.7	13
542	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	2.5	1
541	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	3.1	4
540	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	10.4	10
539	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	8.4	15
538	Left ventricular mass and myocardial scarring in women with hypertensive disorders of pregnancy. <i>Open Heart</i> , 2020 , 7,	3	2
537	Response to the letter to the editor: Lassen et al. 3D PET/CT Rb 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	8.8	
536	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	14.6	10
535	Stress Myocardial Perfusion Imaging vs Coronary Computed Tomographic Angiography for Diagnosis of Invasive Vessel-Specific Coronary Physiology: Predictive Modeling Results From the Computed Tomographic Evaluation of Atherosclerotic Determinants of Myocardial Ischemia (CREDENCE) Trial. <i>JAMA Cardiology</i> , 2020 , 5, 1338-1348	16.2	13

534	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	11
533	Long-Term All-Cause and Cause-Specific Mortality in Asymptomatic Patients With CAC \geq 1,000: Results From the CAC Consortium. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 83-93	8.4	34
532	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	4.7	10
531	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	4.1	25
530	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	12
529	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	2.8	13
528	1-Year Impact on Medical Practice and Clinical Outcomes of FFR: The ADVANCE Registry. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 97-105	8.4	88
527	Optimization of reconstruction and quantification of motion-corrected coronary PET-CT. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 494-504	2.1	26
526	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	38
525	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	9.5	62
524	Reply: Clarifying the Utility of Myocardial Blood Flow and Myocardial Flow Reserve After Cardiac Transplantation. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 620-622	8.9	
523	5-Year Prognostic Value of Quantitative Versus Visual MPI in Subtle Perfusion Defects: Results From REFINE SPECT. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 774-785	8.4	29
522	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	4.1	35
521	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	8.9	10
520	Transient ischaemic dilation and post-stress wall motion abnormality increase risk in patients with less than moderate ischaemia: analysis of the REFINE SPECT registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 567-575	4.1	12
519	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 Evaluation for Clinical Outcomes Assessment Multicenter Study). <i>Journal of the American College of Cardiology</i> , 2020 , 75, 107-116	3	8
518	Point of Care Clinical Risk Score to Improve the Negative Diagnostic Utility of an Agatston Score of Zero: Averting the Need for Coronary Computed Tomography Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008737	3.9	2
517	Comparison of Accuracy of Left Atrial Area and Volume by Two-dimensional Trans-thoracic Echocardiography Versus Computed Tomography. <i>American Journal of Cardiology</i> , 2019 , 123, 1180-1184 ³		8

516	Utility of novel serum biomarkers to predict subclinical atherosclerosis: A sub-analysis of the EISNER study. <i>Atherosclerosis</i> , 2019 , 282, 80-84	3.1	4
515	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	2.8	2
514	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	4.1	5
513	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	2.9	5
512	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	15.1	12
511	Long-term prognostic utility of computed tomography coronary angiography in older populations. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1279-1286	4.1	9
510	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	8.3	15
509	Role of Coronary Artery Calcium for Stratifying Cardiovascular Risk in Adults With Hypertension. <i>Hypertension</i> , 2019 , 73, 983-989	8.5	15
508	Spotty Calcium on Cervicocerebral Computed Tomography Angiography Associates With Increased Risk of Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 859-866	6.7	12
507	Decrease in LDL-C is associated with decrease in all components of noncalcified plaque on coronary CTA. <i>Atherosclerosis</i> , 2019 , 285, 128-134	3.1	4
506	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	2.8	18
505	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	2.8	33
504	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	4.1	29
503	Baseline Characteristics and Risk Profiles of Participants in the ISCHEMIA Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2019 , 4, 273-286	16.2	65
502	Clinical applications of machine learning in cardiovascular disease and its relevance to cardiac imaging. <i>European Heart Journal</i> , 2019 , 40, 1975-1986	9.5	180
501	Triple-gated motion and blood pool clearance corrections improve reproducibility of coronary F-NaF PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2610-2620	8.8	24
500	Solid-State Detector SPECT Myocardial Perfusion Imaging. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 1194-1204	12.4	25
499	Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy. <i>New England Journal of Medicine</i> , 2019 , 381, 739-748	59.2	99

498	Impact of heart rate on coronary computed tomographic angiography interpretability with a third-generation dual-source scanner. <i>International Journal of Cardiology</i> , 2019 , 295, 42-47	3.2	2
497	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. <i>Radiology</i> , 2019 , 292, 597-605	20.5	24
496	Stress Myocardial Perfusion PET Provides Incremental Risk Prediction in Patients with and Patients without Diabetes. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e180018	8.3	2
495	Quantitative myocardial tissue characterization by cardiac magnetic resonance in heart transplant patients with suspected cardiac rejection. <i>Clinical Transplantation</i> , 2019 , 33, e13704	3.8	6
494	Deep learning-based stenosis quantification from coronary CT Angiography. <i>Proceedings of SPIE</i> , 2019 , 10949,	1.7	16
493	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	2.8	11
492	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	4.1	57
491	Peri-Coronary Adipose Tissue Density Is Associated With F-Sodium Fluoride Coronary Uptake in Stable Patients With High-Risk Plaques. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2000-2010	8.4	63
490	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 Outcomes: An International Multicenter [CONFIRM] Registry). <i>American Journal of Cardiology</i> , 2019 , 123, 1435-1442	3	6
489	Improved Evaluation of Lipid-Rich Plaque at Coronary CT Angiography: Head-to-Head Comparison with Intravascular US. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190069	8.3	5
488	Fully Automated CT Quantification of Epicardial Adipose Tissue by Deep Learning: A Multicenter Study. <i>Radiology: Artificial Intelligence</i> , 2019 , 1, e190045	8.7	41
487	Coronary artery calcium as a predictor of coronary heart disease, cardiovascular disease, and all-cause mortality in Asian-Americans: The Coronary Artery Calcium Consortium. <i>Coronary Artery Disease</i> , 2019 , 30, 608-614	1.4	4
486	Three-Hour Delayed Imaging Improves Assessment of Coronary F-Sodium Fluoride PET. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 530-535	8.9	27
485	Age- and gender-adjusted percentiles for number of calcified plaques in coronary artery calcium scanning. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 319-324	2.8	1
484	Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging) substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 142-147	2.8	17
483	Coronary artery calcium and the competing long-term risk of cardiovascular vs. cancer mortality: the CAC Consortium. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 389-395	4.1	13
482	Data-Driven Gross Patient Motion Detection and Compensation: Implications for Coronary F-NaF PET Imaging. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 830-836	8.9	23
481	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1987-1997	8.4	41

480	Quantitative Evaluation of High-Risk Coronary Plaque by Coronary CTA and Subsequent Acute Coronary Events. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1568-1571	8.4	3
479	Deep Learning Analysis of Upright-Supine High-Efficiency SPECT Myocardial Perfusion Imaging for Prediction of Obstructive Coronary Artery Disease: A Multicenter Study. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 664-670	8.9	58
478	Late sodium channel blockade improves angina and myocardial perfusion in patients with severe coronary microvascular dysfunction: Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction ancillary study. <i>International Journal of Cardiology</i> , 2019 , 276, 8-13	3.2	24
477	Prediction of cardiac death after adenosine myocardial perfusion SPECT based on machine learning. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 1746-1754	2.1	42
476	Reliability of the I-MIBG heart/mediastinum ratio: Results of a multicenter test-retest reproducibility study. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 1555-1565	2.1	9
475	Reasons and implications of agreements and disagreements between coronary flow reserve, fractional flow reserve, and myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 104-119	1.9	13
474	10-Year Resource Utilization and Costs For Cardiovascular Care. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1078-1089	15.1	22
473	Evolving, innovating, and revolutionary changes in cardiovascular imaging: WeMe only just begun!. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 758-768	2.1	3
472	Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry). <i>Clinical Cardiology</i> , 2018 , 41, 586-593	3.3	8
471	Deep Learning for Quantification of Epicardial and Thoracic Adipose Tissue From Non-Contrast CT. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1835-1846	11.7	85
470	Integrated prediction of lesion-specific ischaemia from quantitative coronary CT angiography using machine learning: a multicentre study. <i>European Radiology</i> , 2018 , 28, 2655-2664	8	85
469	Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: a 6-year follow-up from the prospective multicentre international CONFIRM study. <i>European Heart Journal</i> , 2018 , 39, 934-941	9.5	56
468	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 269-297	2.1	83
467	The Coronary Artery Disease-Reporting and Data System (CAD-RADS): Prognostic and Clinical Implications Associated With Standardized Coronary Computed Tomography Angiography Reporting. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 78-89	8.4	48
466	Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 675-683	4.1	20
465	The authors reply to the letter from Kerkhof entitled 'The importance of (measuring) the end-systolic volume index in predicting survival'. <i>Heart</i> , 2018 , 104, 1	5.1	
464	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. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 204-209	2.8	94
463	Deep Learning for Prediction of Obstructive Disease From Fast Myocardial Perfusion SPECT: A Multicenter Study. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1654-1663	8.4	147

462	Fully automated analysis of attenuation-corrected SPECT for the long-term prediction of acute myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 1353-1360	2.1	11
461	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. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 450-458	8.4	23
460	Automatic determination of cardiovascular risk by CT attenuation correction maps in Rb-82 PET/CT. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 2133-2142	2.1	21
459	Stent in false versus true lumen of left anterior descending artery identified on cardiac computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, e9-e10	2.8	
458	Prognostic Value of Combined Clinical and Myocardial Perfusion Imaging Data Using Machine Learning. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1000-1009	8.4	99
457	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. <i>International Journal of Cardiology</i> , 2018 , 270, 48-53	3.2	9
456	Pericoronary Adipose Tissue Computed Tomography Attenuation and High-Risk Plaque Characteristics in Acute Coronary Syndrome Compared With Stable Coronary Artery Disease. <i>JAMA Cardiology</i> , 2018 , 3, 858-863	16.2	98
455	Is There an Age When Myocardial Perfusion Imaging May No Longer Be Prognostically Useful?. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007322	3.9	6
454	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007562	3.9	44
453	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	9.5	118
452	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	4.2	7
451	Effects of Statins on Coronary Atherosclerotic Plaques: The PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1475-1484	8.4	177
450	Inter-scan Reproducibility of Cardiovascular Magnetic Resonance Imaging-Derived Myocardial Perfusion Reserve Index in Women with no Obstructive Coronary Artery Disease 2018 , 2,		3
449	Epicardial adipose tissue density and volume are related to subclinical atherosclerosis, inflammation and major adverse cardiac events in asymptomatic subjects. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 67-73	2.8	84
448	Prognostic value of vasodilator response using rubidium-82 positron emission tomography myocardial perfusion imaging in patients with coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 538-548	8.8	2
447	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 273-293	8.9	75
446	Impact of incomplete ventricular coverage on diagnostic performance of myocardial perfusion imaging. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 661-669	2.5	5
445	Myocardial perfusion imaging: Lessons learned and work to be done-update. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 39-52	2.1	15

444	Healthy Behavior, Risk Factor Control, and Survival in the COURAGE Trial. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2297-2305	15.1	24
443	Feasibility of Coronary F-Sodium Fluoride Positron-Emission Tomography Assessment With the Utilization of Previously Acquired Computed Tomography Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e008325	3.9	24
442	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (CORONARY CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) study. <i>PLoS ONE</i> , 2018 , 13, e0207194	3.7	13
441	Coronary computed tomographic imaging in women: An expert consensus statement from the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 451-466	2.8	23
440	Race/Ethnicity and the Prognostic Implications of Coronary Artery Calcium for All-Cause and Cardiovascular Disease Mortality: The Coronary Artery Calcium Consortium. <i>Journal of the American Heart Association</i> , 2018 , 7, e010471	6	20
439	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. <i>JAMA Network Open</i> , 2018 , 1, e181456	10.4	71
438	Sex differences in calcified plaque and long-term cardiovascular mortality: observations from the CAC Consortium. <i>European Heart Journal</i> , 2018 , 39, 3727-3735	9.5	69
437	Prognostic value of age adjusted segment involvement score as measured by coronary computed tomography: a potential marker of vascular age. <i>Heart and Vessels</i> , 2018 , 33, 1288-1300	2.1	4
436	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2511-2522	15.1	161
435	Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 231-237	2.8	8
434	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography: Results of the PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1461-1471	8.4	38
433	Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD: Results from the CORONARY CT Angiography Evaluation For Clinical Outcomes International Multicenter (CONFIRM) study. <i>International Journal of Cardiology</i> , 2017 , 231, 18-25	3.2	42
432	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	2.7	11
431	Cardiac imaging: working towards fully-automated machine analysis & interpretation. <i>Expert Review of Medical Devices</i> , 2017 , 14, 197-212	3.5	63
430	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	2.8	159
429	Primary Prevention of CVD: The Role of Imaging Trials. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 304-317	8.4	9
428	Molecular Imaging of Vulnerable Coronary Plaque: A Pathophysiologic Perspective. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 359-364	8.9	13
427	Regional left ventricular function does not predict survival in ischaemic cardiomyopathy after cardiac surgery. <i>Heart</i> , 2017 , 103, 1359-1367	5.1	10

426	Impact of Exercise on the Relationship Between CAC Scores and All-Cause Mortality. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1461-1468	8.4	26
425	Motion-Corrected Imaging of the Aortic Valve with F-NaF PET/CT and PET/MRI: A Feasibility Study. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1811-1814	8.9	17
424	Typical angina is associated with greater coronary endothelial dysfunction but not abnormal vasodilatory reserve. <i>Clinical Cardiology</i> , 2017 , 40, 886-891	3.3	6
423	Incidental coronary calcifications on routine chest CT: Clinical implications. <i>Trends in Cardiovascular Medicine</i> , 2017 , 27, 475-480	6.9	9
422	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. <i>Hypertension</i> , 2017 , 70, 293-299	8.5	34
421	Arterial CO as a Potent Coronary Vasodilator: A Preclinical PET/MR Validation Study with Implications for Cardiac Stress Testing. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 953-960	8.9	10
420	Predictive Value of Age- and Sex-Specific Nomograms of Global Plaque Burden on Coronary Computed Tomography Angiography for Major Cardiac Events. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	14
419	Myocardial tissue deformation is reduced in subjects with coronary microvascular dysfunction but not rescued by treatment with ranolazine. <i>Clinical Cardiology</i> , 2017 , 40, 300-306	3.3	17
418	Quantitative plaque features from coronary computed tomography angiography to identify regional ischemia by myocardial perfusion imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 499-507	4.1	25
417	Prognostic implications of coronary artery calcium in the absence of coronary artery luminal narrowing. <i>Atherosclerosis</i> , 2017 , 262, 185-190	3.1	7
416	Comparison of the Coronary Artery Calcium Score and Number of Calcified Coronary Plaques for Predicting Patient Mortality Risk. <i>American Journal of Cardiology</i> , 2017 , 120, 2154-2159	3	17
415	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, 500-507	9.5	275
414	The elusive role of myocardial perfusion imaging in stable ischemic heart disease: Is ISCHEMIA the answer?. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1610-1618	2.1	2
413	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men: Long-Term Outcomes From the CONFIRM (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	19
412	Quantitative global plaque characteristics from coronary computed tomography angiography for the prediction of future cardiac mortality during long-term follow-up. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1331-1339	4.1	64
411	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 429-436	2.8	41
410	Interpreting results of coronary computed tomography angiography-derived fractional flow reserve in clinical practice. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 383-388	2.8	31
409	Automatic Valve Plane Localization in Myocardial Perfusion SPECT/CT by Machine Learning: Anatomic and Clinical Validation. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 961-967	8.9	37

408	Improved 5-year prediction of all-cause mortality by coronary CT angiography applying the CONFIRM score. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 286-293	4.1	23
407	Coronary Atherosclerosis T-Weighted Characterization With Integrated Anatomical Reference: Comparison With High-Risk Plaque Features Detected by Invasive Coronary Imaging. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 637-648	8.4	33
406	Prognostic significance of blood pressure response during vasodilator stress Rb-82 positron emission tomography myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1966-1975	2.1	6
405	Rationale and design of the coronary artery calcium consortium: A multicenter cohort study. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 54-61	2.8	44
404	Impact of age and sex on left ventricular function determined by coronary computed tomographic angiography: results from the prospective multicentre CONFIRM study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 990-1000	4.1	13
403	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. <i>JMIR Research Protocols</i> , 2017 , 6, e255	2	8
402	Long-Term Prognostic Utility of Coronary CT Angiography in Stable Patients With Diabetes Mellitus. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1280-1288	8.4	50
401	"Same-Patient Processing" for multiple cardiac SPECT studies. 1. Improving LV segmentation accuracy. <i>Journal of Nuclear Cardiology</i> , 2016 , 23, 1435-1441	2.1	8
400	SYNTAX Score Derived From Coronary CT Angiography for Prediction of Complex Percutaneous Coronary Interventions. <i>Academic Radiology</i> , 2016 , 23, 1384-1392	4.3	7
399	CMR First-Pass Perfusion for Suspected Inducible Myocardial Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1338-1348	8.4	44
398	"Same-patient processing" for multiple cardiac SPECT studies. 2. Improving quantification repeatability. <i>Journal of Nuclear Cardiology</i> , 2016 , 23, 1442-1453	2.1	9
397	Optimising diagnostic accuracy with the exercise ECG: opportunities for women and men with stable ischaemic heart disease. <i>Heart Asia</i> , 2016 , 8, 1-7	1.9	7
396	CAD-RADS(TM) 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. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 269-81	2.8	312
395	Dyspnea predicts mortality among patients undergoing coronary computed tomographic angiography. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 329-337	2.5	3
394	Long-Term Prognosis After Coronary Artery Calcium Scoring Among Low-Intermediate Risk Women and Men. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, e003742	3.9	47
393	CAD-RADS 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. <i>Journal of the American College of Radiology</i> , 2016 , 13, 1458-1466.e9	3.5	52
392	Predictors of high-risk coronary artery disease in subjects with normal SPECT myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2016 , 23, 530-41	2.1	27
391	CT Angiography for the Prediction of Hemodynamic Significance in Intermediate and Severe Lesions: Head-to-Head Comparison With Quantitative Coronary Angiography Using Fractional Flow Reserve as the Reference Standard. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 559-64	8.4	40

390	Prognostic Utility of Calcium Scoring as an Adjunct to Stress Myocardial Perfusion Scintigraphy in End-Stage Renal Disease. <i>American Journal of Cardiology</i> , 2016 , 117, 1387-96	3	15
389	Noninvasive Cardiovascular Risk Assessment of the Asymptomatic Diabetic Patient: The Imaging Council of the American College of Cardiology. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 176-92	8.4	63
388	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. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 22-7	2.8	33
387	Automated pericardial fat quantification from coronary magnetic resonance angiography: feasibility study. <i>Journal of Medical Imaging</i> , 2016 , 3, 014002	2.6	5
386	Myocardial steatosis as a possible mechanistic link between diastolic dysfunction and coronary microvascular dysfunction in women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H14-9	5.2	53
385	Motion Correction of 18F-NaF PET for Imaging Coronary Atherosclerotic Plaques. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 54-9	8.9	60
384	Coronary calcium scoring for long-term mortality prediction in patients with and without a family history of coronary disease. <i>Heart</i> , 2016 , 102, 204-8	5.1	12
383	Automated Quantitative Nuclear Cardiology Methods. <i>Cardiology Clinics</i> , 2016 , 34, 47-57	2.5	8
382	Technical Aspects of Cardiac PET Imaging and Recent Advances. <i>Cardiology Clinics</i> , 2016 , 34, 13-23	2.5	5
381	Long-Term Risk Assessment After the Performance of Stress Myocardial Perfusion Imaging. <i>Cardiology Clinics</i> , 2016 , 34, 87-99	2.5	1
380	Additive diagnostic value of atherosclerotic plaque characteristics to non-invasive FFR for identification of lesions causing ischaemia: results from a prospective international multicentre trial. <i>EuroIntervention</i> , 2016 , 12, 473-81	3.1	19
379	Novel SPECT Technologies and Approaches in Cardiac Imaging. <i>Cardiovascular Innovations and Applications</i> , 2016 , 2, 31-46	0.1	7
378	Quantification of myocardial blood flow using non-electrocardiogram-triggered MRI with three-slice coverage. <i>Magnetic Resonance in Medicine</i> , 2016 , 75, 2112-20	4.4	7
377	All-cause mortality by age and gender based on coronary artery calcium scores. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 1305-1314	4.1	38
376	Epicardial adipose tissue volume but not density is an independent predictor for myocardial ischemia. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 141-9	2.8	35
375	Diagnostic Accuracy, Image Quality, and Patient Comfort for Coronary CT Angiography Performed Using Iso-Osmolar versus Low-Osmolar Iodinated Contrast: A Prospective International Multicenter Randomized Controlled Trial. <i>Academic Radiology</i> , 2016 , 23, 743-51	4.3	5
374	A randomized, placebo-controlled trial of late Na current inhibition (ranolazine) in coronary microvascular dysfunction (CMD): impact on angina and myocardial perfusion reserve. <i>European Heart Journal</i> , 2016 , 37, 1504-13	9.5	114
373	Demons versus Level-Set motion registration for coronary F-sodium fluoride PET. <i>Proceedings of SPIE</i> , 2016 , 9784,	1.7	11

372	Value Based Imaging for Coronary Artery Disease: Implications for Nuclear Cardiology and Cardiac CT 2016 , 349-380		
371	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. <i>European Heart Journal</i> , 2016 , 37, 1220-7	9.5	184
370	Normal Databases for the Relative Quantification of Myocardial Perfusion. <i>Current Cardiovascular Imaging Reports</i> , 2016 , 9, 1	0.7	9
369	Prediction of revascularization after myocardial perfusion SPECT by machine learning in a large population. <i>Journal of Nuclear Cardiology</i> , 2015 , 22, 877-84	2.1	72
368	Quantitative high-efficiency cadmium-zinc-telluride SPECT with dedicated parallel-hole collimation system in obese patients: results of a multi-center study. <i>Journal of Nuclear Cardiology</i> , 2015 , 22, 266-75	2.1	28
367	Validation of the appropriate use criteria for percutaneous coronary intervention in patients with stable coronary artery disease (from the COURAGE trial). <i>American Journal of Cardiology</i> , 2015 , 116, 167-73	3.7	14
366	Current trends in patients with chronic total occlusions undergoing coronary CT angiography. <i>Heart</i> , 2015 , 101, 1212-8	5.1	13
365	Structured learning algorithm for detection of nonobstructive and obstructive coronary plaque lesions from computed tomography angiography. <i>Journal of Medical Imaging</i> , 2015 , 2, 014003	2.6	44
364	Medical history for prognostic risk assessment and diagnosis of stable patients with suspected coronary artery disease. <i>American Journal of Medicine</i> , 2015 , 128, 871-8	2.4	20
363	Coronary calcium scoring from contrast coronary CT angiography using a semiautomated standardized method. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 446-53	2.8	18
362	Automated Quantitative Plaque Burden from Coronary CT Angiography Noninvasively Predicts Hemodynamic Significance by using Fractional Flow Reserve in Intermediate Coronary Lesions. <i>Radiology</i> , 2015 , 276, 408-15	20.5	52
361	Prognostic and therapeutic implications of statin and aspirin therapy in individuals with nonobstructive coronary artery disease: results from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter registry) registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1025-32	9.4	101
360	Coronary dominance and prognosis in patients undergoing coronary computed tomographic angiography: results from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter) registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 853-62	4.1	18
359	A clinical model to identify patients with high-risk coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 427-434	8.4	15
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. <i>American Journal of Cardiology</i> , 2015 , 116, 1678-84	3	19
357	Relationship Between Quantitative Adverse Plaque Features From Coronary Computed Tomography Angiography and Downstream Impaired Myocardial Flow Reserve by ¹³ N-Ammonia Positron Emission Tomography: A Pilot Study. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8, e003255	3.9	37
356	Native T1 Mapping by 3-T CMR Imaging for Characterization of Chronic Myocardial Infarctions. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1019-1030	8.4	64
355	Combined Quantitative Assessment of Myocardial Perfusion and Coronary Artery Calcium Score by Hybrid ⁸² Rb PET/CT Improves Detection of Coronary Artery Disease. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 1345-50	8.9	27

354	Severity of Remodeling, Myocardial Viability, and Survival in Ischemic LV Dysfunction After Surgical Revascularization. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1121-1129	8.4	38
353	Relationship of epicardial fat volume from noncontrast CT with impaired myocardial flow reserve by positron emission tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 303-9	2.8	18
352	Atherosclerotic plaque characterization by CT angiography for identification of high-risk coronary artery lesions: a comparison to optical coherence tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 373-9	4.1	61
351	Effects of cardiac medications for patients with obstructive coronary artery disease by coronary computed tomographic angiography: results from the multicenter CONFIRM registry. <i>Atherosclerosis</i> , 2015 , 238, 119-25	3.1	8
350	Extensive thoracic aortic calcification is an independent predictor of development of coronary artery calcium among individuals with coronary artery calcium score of zero. <i>Atherosclerosis</i> , 2015 , 238, 4-8	3.1	12
349	Automated pericardium delineation and epicardial fat volume quantification from noncontrast CT. <i>Medical Physics</i> , 2015 , 42, 5015-26	4.4	23
348	Long-Term Prognosis After Coronary Artery Calcification Testing in Asymptomatic Patients: A Cohort Study. <i>Annals of Internal Medicine</i> , 2015 , 163, 14-21	8	110
347	Noncalcified Plaque in Cardiac CT: Quantification and Clinical Implications. <i>Current Cardiovascular Imaging Reports</i> , 2015 , 8, 1	0.7	1
346	Accelerated whole-heart coronary MRA using motion-corrected sensitivity encoding with three-dimensional projection reconstruction. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 284-91	4.4	35
345	All-systolic non-ECG-gated myocardial perfusion MRI: Feasibility of multi-slice continuous first-pass imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 1661-74	4.4	19
344	Quantification of myocardial blood flow using non-ECG-triggered MR imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 765-71	4.4	7
343	Advances in SPECT and PET Hardware. <i>Progress in Cardiovascular Diseases</i> , 2015 , 57, 566-78	8.5	63
342	Cardiac magnetic resonance myocardial perfusion reserve index is reduced in women with coronary microvascular dysfunction. A National Heart, Lung, and Blood Institute-sponsored study from the Women's Ischemia Syndrome Evaluation. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	130
341	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. <i>European Heart Journal</i> , 2015 , 36, 561-8	9.5	87
340	Dual-Gated Motion-Frozen Cardiac PET with Flurpiridaz F 18. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 1876-81	8.1	35
339	Current but not past smoking increases the risk of cardiac events: insights from coronary computed tomographic angiography. <i>European Heart Journal</i> , 2015 , 36, 1031-40	9.5	21
338	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 490-9	4.1	21
337	Atherosclerotic plaque characteristics by CT angiography identify coronary lesions that cause ischemia: a direct comparison to fractional flow reserve. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1-10	8.4	183

336	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). <i>PLoS ONE</i> , 2015 , 10, e0118998	3.7	21
335	Predicting outcome in the COURAGE trial (Clinical Outcomes Utilizing Revascularization and Aggressive Drug Evaluation): coronary anatomy versus ischemia. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 195-201	5	125
334	Prognostic value of PET myocardial perfusion imaging in obese patients. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 278-87	8.4	45
333	Prognostic significance of impaired chronotropic response to pharmacologic stress Rb-82 PET. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 233-44	2.1	18
332	Clinical value of supine and upright myocardial perfusion imaging in obese patients using the D-SPECT camera. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 478-85	2.1	26
331	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. <i>Atherosclerosis</i> , 2014 , 232, 298-304	3.1	77
330	Optimizing image contrast display improves quantitative stenosis measurement in heavily calcified coronary arterial segments on coronary CT angiography: A proof-of-concept and comparison to quantitative invasive coronary angiography. <i>Academic Radiology</i> , 2014 , 21, 797-804	4.3	8
329	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. <i>American Journal of Cardiology</i> , 2014 , 114, 1670-5	3	8
328	Achieving very-low-dose radiation exposure in cardiac computed tomography, single-photon emission computed tomography, and positron emission tomography. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 723-34	3.9	14
327	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. <i>Radiology</i> , 2014 , 273, 70-7	20.5	25
326	Determination of location, size, and transmural extent of chronic myocardial infarction without exogenous contrast media by using cardiac magnetic resonance imaging at 3 T. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 471-81	3.9	41
325	Prognostic value of Rb-82 positron emission tomography myocardial perfusion imaging in coronary artery bypass patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 787-92	4.1	9
324	The role of PET quantification in cardiovascular imaging. <i>Clinical and Translational Imaging</i> , 2014 , 2, 343-358		25
323	New cardiac cameras: single-photon emission CT and PET. <i>Seminars in Nuclear Medicine</i> , 2014 , 44, 232-51	5.4	50
322	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. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1430-7	8.9	70
321	Comparison of quantitative atherosclerotic plaque burden from coronary CT angiography in patients with first acute coronary syndrome and stable coronary artery disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 368-74	2.8	52
320	Noncalcified coronary plaque volumes in healthy people with a family history of early onset coronary artery disease. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 446-53	3.9	29
319	Two-position supine/prone myocardial perfusion SPECT (MPS) imaging improves visual inter-observer correlation and agreement. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 703-11	2.1	13

318	Diastolic dysfunction in women with signs and symptoms of ischemia in the absence of obstructive coronary artery disease: a hypothesis-generating study. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 510-6	3.9	47
317	Patient-centered imaging: shared decision making for cardiac imaging procedures with exposure to ionizing radiation. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1480-9	15.1	97
316	All-cause mortality in asymptomatic persons with extensive Agatston scores above 1000. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 26-32	2.8	15
315	Comparative definitions for moderate-severe ischemia in stress nuclear, echocardiography, and magnetic resonance imaging. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 593-604	8.4	127
314	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". <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 571	3.9	
313	Role of noninvasive testing in the clinical evaluation of women with suspected ischemic heart disease: a consensus statement from the American Heart Association. <i>Circulation</i> , 2014 , 130, 350-79	16.7	170
312	Sex-based prognostic implications of nonobstructive coronary artery disease: results from the international multicenter CONFIRM study. <i>Radiology</i> , 2014 , 273, 393-400	20.5	33
311	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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2677-84.e1	1.5	19
310	Serial myocardial perfusion imaging: defining a significant change and targeting management decisions. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 79-96	8.4	33
309	Long-term mortality following normal exercise myocardial perfusion SPECT according to coronary disease risk factors. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 341-50	2.1	23
308	New Hardware Solutions for Cardiac SPECT Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2013 , 6, 305-313	0.7	0
307	State of the Art Hybrid Technology: PET/CT. <i>Current Cardiovascular Imaging Reports</i> , 2013 , 6, 328-337	0.7	1
306	Non-invasive measurement of coronary plaque from coronary CT angiography and its clinical implications. <i>Expert Review of Cardiovascular Therapy</i> , 2013 , 11, 1067-77	2.5	10
305	Initial multicentre experience of high-speed myocardial perfusion imaging: comparison between high-speed and conventional single-photon emission computed tomography with angiographic validation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013 , 40, 1084-94	8.8	21
304	Quantification and characterisation of coronary artery plaque volume and adverse plaque features by coronary computed tomographic angiography: a direct comparison to intravascular ultrasound. <i>European Radiology</i> , 2013 , 23, 2109-17	8	54
303	Influence of sex on risk stratification with stress myocardial perfusion Rb-82 positron emission tomography: Results from the PET (Positron Emission Tomography) Prognosis Multicenter Registry. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1866-76	15.1	65
302	Lessons learned from MPI and physiologic testing in randomized trials of stable ischemic heart disease: COURAGE, BARI 2D, FAME, and ISCHEMIA. <i>Journal of Nuclear Cardiology</i> , 2013 , 20, 969-75	2.1	29
301	Gated SPECT in assessment of regional and global left ventricular function: an update. <i>Journal of Nuclear Cardiology</i> , 2013 , 20, 1118-43; quiz 1144-6	2.1	21

300	Aggregate plaque volume by coronary computed tomography angiography is superior and incremental to luminal narrowing for diagnosis of ischemic lesions of intermediate stenosis severity. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 460-7	15.1	108
299	Prognostic value of stress myocardial perfusion positron emission tomography: results from a multicenter observational registry. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 176-84	15.1	156
298	Mortality risk as a function of the ratio of pulmonary trunk to ascending aorta diameter in patients with suspected coronary artery disease. <i>American Journal of Cardiology</i> , 2013 , 111, 1259-63	3	14
297	Phase II safety and clinical comparison with single-photon emission computed tomography myocardial perfusion imaging for detection of coronary artery disease: flurpiridaz F 18 positron emission tomography. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 469-477	15.1	141
296	Temporal trends in the frequency of inducible myocardial ischemia during cardiac stress testing: 1991 to 2009. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1054-65	15.1	197
295	Relationship of epicardial fat volume to coronary plaque, severe coronary stenosis, and high-risk coronary plaque features assessed by coronary CT angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2013 , 7, 125-32	2.8	45
294	Automated knowledge-based detection of nonobstructive and obstructive arterial lesions from coronary CT angiography. <i>Medical Physics</i> , 2013 , 40, 041912	4.4	15
293	Myocardial perfusion imaging with PET. <i>Imaging in Medicine</i> , 2013 , 5, 35-46	1	44
292	Comparison of fully automated computer analysis and visual scoring for detection of coronary artery disease from myocardial perfusion SPECT in a large population. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 221-8	8.9	63
291	Multisoftware reproducibility study of stress and rest myocardial blood flow assessed with 3D dynamic PET/CT and a 1-tissue-compartment model of 82Rb kinetics. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 571-7	8.9	77
290	Myocardial perfusion imaging with a solid-state camera: simulation of a very low dose imaging protocol. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 373-9	8.9	81
289	Cardiac risk factors and myocardial perfusion reserve in women with microvascular coronary dysfunction. <i>Cardiovascular Diagnosis and Therapy</i> , 2013 , 3, 146-52	2.6	9
288	Nomograms for estimating coronary artery disease prognosis with gated stress myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 43-52	2.1	22
287	Improvement in PET myocardial perfusion image quality and quantification with flurpiridaz F 18. <i>Journal of Nuclear Cardiology</i> , 2012 , 19 Suppl 1, S38-45	2.1	29
286	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 Multicenter Registry). <i>European Heart Journal</i> , 2012 , 33, 3088-97	9.5	55
285	Weight change modulates epicardial fat burden: a 4-year serial study with non-contrast computed tomography. <i>Atherosclerosis</i> , 2012 , 220, 139-44	3.1	62
284	Epicardial fat volume and concurrent presence of both myocardial ischemia and obstructive coronary artery disease. <i>Atherosclerosis</i> , 2012 , 221, 422-6	3.1	51
283	Statins use and coronary artery plaque composition: results from the International Multicenter CONFIRM Registry. <i>Atherosclerosis</i> , 2012 , 225, 148-53	3.1	55

282	Coronary computed tomographic angiography as a gatekeeper to invasive diagnostic and surgical procedures: results from the multicenter CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: an International Multicenter) registry. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2103-14	15.1	124
281	Diagnostic accuracy of fractional flow reserve from anatomic CT angiography. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 1237-45	27.4	743
280	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. <i>American Heart Journal</i> , 2012 , 164, 243-50	4.9	131
279	Patient management after noninvasive cardiac imaging results from SPARC (Study of myocardial perfusion and coronary anatomy imaging roles in coronary artery disease). <i>Journal of the American College of Cardiology</i> , 2012 , 59, 462-74	15.1	143
278	Mortality rates in smokers and nonsmokers in the presence or absence of coronary artery calcification. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 1037-45	8.4	58
277	Association of epicardial fat, hypertension, subclinical coronary artery disease, and metabolic syndrome with left ventricular diastolic dysfunction. <i>American Journal of Cardiology</i> , 2012 , 110, 1793-8	3	55
276	Prognosis in the era of comparative effectiveness research: where is nuclear cardiology now and where should it be?. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 1026-43	2.1	86
275	Prognostic value of quantitative high-speed myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 1113-23	2.1	29
274	CT Quantification of Epicardial Fat: Implications for Cardiovascular Risk Assessment. <i>Current Cardiovascular Imaging Reports</i> , 2012 , 5, 352-359	0.7	3
273	Integrating Physiologic and Anatomic Assessment of Coronary Artery Disease by Coronary Computed Tomographic Angiography. <i>Current Cardiovascular Imaging Reports</i> , 2012 , 5, 301-309	0.7	
272	Identifying and redefining stenosis by CT angiography. <i>Cardiology Clinics</i> , 2012 , 30, 57-67	2.5	
271	Advances in nuclear cardiac instrumentation with a view towards reduced radiation exposure. <i>Current Cardiology Reports</i> , 2012 , 14, 208-16	4.2	53
270	Automated quantitative Rb-82 3D PET/CT myocardial perfusion imaging: normal limits and correlation with invasive coronary angiography. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 265-76	2.1	48
269	Fully automated wall motion and thickening scoring system for myocardial perfusion SPECT: method development and validation in large population. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 291-302	2.1	21
268	Tracking a therapeutic response: how reliable are serial measurements of LV perfusion and function?. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 360-3	2.1	7
267	Transient ischemic dilation for coronary artery disease in quantitative analysis of same-day sestamibi myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 465-73	2.1	34
266	Automatic alignment of myocardial perfusion PET and 64-slice coronary CT angiography on hybrid PET/CT. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 482-91	2.1	15
265	Relation of diagonal ear lobe crease to the presence, extent, and severity of coronary artery disease determined by coronary computed tomography angiography. <i>American Journal of Cardiology</i> , 2012 , 109, 1283-7	3	54

264	Comparative value of coronary artery calcium and multiple blood biomarkers for prognostication of cardiovascular events. <i>American Journal of Cardiology</i> , 2012 , 109, 1449-53	3	49
263	Comparison of clinical tools for measurements of regional stress and rest myocardial blood flow assessed with ¹³ N-ammonia PET/CT. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 171-81	8.9	81
262	Coronary artery calcium for the prediction of mortality in young adults 75 years old. <i>European Heart Journal</i> , 2012 , 33, 2955-62	9.5	122
261	Feasibility of determining myocardial transient ischemic dilation from cardiac CT by automated stress/rest registration 2012 ,		1
260	Reproducibility of myocardial perfusion reserve - variations in measurements from post processing using commercially available software. <i>Cardiovascular Diagnosis and Therapy</i> , 2012 , 2, 268-77	2.6	13
259	Epicardial and thoracic fat - Noninvasive measurement and clinical implications. <i>Cardiovascular Diagnosis and Therapy</i> , 2012 , 2, 85-93	2.6	51
258	Mortality risk in symptomatic patients with nonobstructive coronary artery disease: a prospective 2-center study of 2,583 patients undergoing 64-detector row coronary computed tomographic angiography. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 510-9	15.1	170
257	Impact of coronary artery calcium scanning on coronary risk factors and downstream testing the EISNER (Early Identification of Subclinical Atherosclerosis by Noninvasive Imaging Research) prospective randomized trial. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1622-32	15.1	284
256	Age- and sex-related differences in all-cause mortality risk based on coronary computed tomography angiography findings results from the International Multicenter CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry) of 23,854 patients without known coronary artery disease. <i>Journal of the American College of Cardiology</i> ,	15.1	528
255	The CT-STAT (Coronary Computed Tomographic Angiography for Systematic Triage of Acute Chest Pain Patients to Treatment) trial. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1414-22	15.1	430
254	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: results from the CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter) registry. <i>Journal of the American College of</i>	15.1	240
253	Rationale and design of the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter) Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 84-92	2.8	120
252	Assessment of left ventricular regional wall motion and ejection fraction with low-radiation dose helical dual-source CT: comparison to two-dimensional echocardiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 149-57	2.8	17
251	Interscan reproducibility of computer-aided epicardial and thoracic fat measurement from noncontrast cardiac CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 172-9	2.8	44
250	The relationship between epicardial fat volume and incident coronary artery calcium. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 310-6	2.8	20
249	Myocardial ischemia in the absence of obstructive coronary artery disease in systemic lupus erythematosus. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 27-33	8.4	111
248	Ranolazine improves angina in women with evidence of myocardial ischemia but no obstructive coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 514-22	8.4	144
247	Is cardiac catheterization necessary before initial management of patients with stable ischemic heart disease? Results from a Web-based survey of cardiologists. <i>American Heart Journal</i> , 2011 , 162, 1034-1043.e13	4.9	16

246	Nonobstructive coronary artery disease as detected by 64-detector row cardiac computed tomographic angiography is associated with increased left ventricular mass. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 158-64	2.8	5
245	Relationship of coronary artery plaque composition to coronary artery stenosis severity: results from the prospective multicenter ACCURACY trial. <i>Atherosclerosis</i> , 2011 , 219, 573-8	3.1	22
244	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. <i>Atherosclerosis</i> , 2011 , 218, 363-8	3.1	81
243	Vulnerable plaque features on coronary CT angiography as markers of inducible regional myocardial hypoperfusion from severe coronary artery stenoses. <i>Atherosclerosis</i> , 2011 , 219, 588-95	3.1	65
242	Do psychological risk factors predict the presence of coronary atherosclerosis?. <i>Psychosomatic Medicine</i> , 2011 , 73, 7-15	3.7	29
241	Automatic 3D registration of dynamic stress and rest (82)Rb and flurpiridaz F 18 myocardial perfusion PET data for patient motion detection and correction. <i>Medical Physics</i> , 2011 , 38, 6313-26	4.4	27
240	Threshold for the upper normal limit of indexed epicardial fat volume: derivation in a healthy population and validation in an outcome-based study. <i>American Journal of Cardiology</i> , 2011 , 108, 1680-5 ³		48
239	Motion frozen (18)F-FDG cardiac PET. <i>Journal of Nuclear Cardiology</i> , 2011 , 18, 259-66	2.1	34
238	Comparison of the atherosclerotic burden among asymptomatic patients vs matched volunteers. <i>Journal of Nuclear Cardiology</i> , 2011 , 18, 291-8	2.1	6
237	Prognostic value of automated vs visual analysis for adenosine stress myocardial perfusion SPECT in patients without prior coronary artery disease: a case-control study. <i>Journal of Nuclear Cardiology</i> , 2011 , 18, 1003-9; quiz 1010-4	2.1	14
236	Combination of myocardial perfusion imaging and coronary artery calcium scanning: potential synergies for improving risk assessment in subjects with suspected coronary artery disease. <i>Current Atherosclerosis Reports</i> , 2011 , 13, 381-9	6	14
235	Importance of residual myocardial ischemia after intervention in the genesis of cardiovascular events among patients with chronic coronary artery disease. <i>Current Cardiology Reports</i> , 2011 , 13, 280-6 ^{4.2}		1
234	Impact of ischaemia and scar on the therapeutic benefit derived from myocardial revascularization vs. medical therapy among patients undergoing stress-rest myocardial perfusion scintigraphy. <i>European Heart Journal</i> , 2011 , 32, 1012-24	9.5	336
233	Performance of the traditional age, sex, and angina typicality-based approach for estimating pretest probability of angiographically significant coronary artery disease in patients undergoing coronary computed tomographic angiography: results from the multinational coronary CT angiography evaluation for clinical outcomes: an international multicenter registry (CONFIRM). <i>Circulation</i> , 2011 , 124, 2433-32-1-8	16.7	192
232	Cascaded regression for CT slice localization 2011 ,		1
231	Comprehensive Non-contrast CT Imaging of the Vulnerable Patient 2011 , 375-391		1
230	From Vulnerable Plaque to Vulnerable Patient [Part III 2011 , 517-535		
229	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		

228	Regional and Global Ventricular Function and Volumes from SPECT Perfusion Imaging 2010 , 194-222		2
227	Automated algorithm for atlas-based segmentation of the heart and pericardium from non-contrast CT. <i>Proceedings of SPIE</i> , 2010 , 7623, 762337	1.7	13
226	Quantitative upright-supine high-speed SPECT myocardial perfusion imaging for detection of coronary artery disease: correlation with invasive coronary angiography. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 1724-31	8.9	97
225	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 expert consensus document on coronary computed tomographic angiography: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. <i>Circulation</i> , 2010 , 121, 2509-43	16.7	139
224	Knowledge-based quantification of pericardial fat in non-contrast CT data 2010 ,		8
223	Automated three-dimensional quantification of noncalcified coronary plaque from coronary CT angiography: comparison with intravascular US. <i>Radiology</i> , 2010 , 257, 516-22	20.5	138
222	The present state of coronary computed tomography angiography a process in evolution. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 957-65	15.1	134
221	Determinants of coronary calcium conversion among patients with a normal coronary calcium scan: what is the "warranty period" for remaining normal?. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1110-7	15.1	143
220	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 expert consensus document on coronary computed tomographic angiography: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2663-99	15.1	219
219	Multicenter trial of high-speed versus conventional single-photon emission computed tomography imaging: quantitative results of myocardial perfusion and left ventricular function. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1965-74	15.1	116
218	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. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1914-21	15.1	118
217	Cardiovascular imaging research at the crossroads. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 316-24	8.4	57
216	Pericardial fat burden on ECG-gated noncontrast CT in asymptomatic patients who subsequently experience adverse cardiovascular events. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 352-60	8.4	176
215	Comparison of the extent and severity of myocardial perfusion defects measured by CT coronary angiography and SPECT myocardial perfusion imaging. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 1010-9	8.4	61
214	Increased pericardial fat volume measured from noncontrast CT predicts myocardial ischemia by SPECT. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 1104-12	8.4	116
213	Improved near-term coronary artery disease risk classification with gated stress myocardial perfusion SPECT. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 1139-48	8.4	26
212	Computer-aided non-contrast CT-based quantification of pericardial and thoracic fat and their associations with coronary calcium and Metabolic Syndrome. <i>Atherosclerosis</i> , 2010 , 209, 136-41	3.1	113
211	Improved quantification and normal limits for myocardial perfusion stress-rest change. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 204-9	8.9	12

210	Nonlinear registration of serial coronary CT angiography (CCTA) for assessment of changes in atherosclerotic plaque. <i>Medical Physics</i> , 2010 , 37, 885-96	4.4	2
209	Nomograms for Coronary Computed Tomographic Angiography 2010 , 256-264		
208	Technetium-99m-sestamibi redistribution after exercise stress test identified by a novel cardiac gamma camera: two case reports. <i>Clinical Cardiology</i> , 2010 , 33, E39-45	3.3	6
207	Simultaneous dual-radionuclide myocardial perfusion imaging with a solid-state dedicated cardiac camera. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1710-21	8.8	72
206	Enhanced definition PET for cardiac imaging. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 414-26	2.1	38
205	Combined quantitative analysis of attenuation corrected and non-corrected myocardial perfusion SPECT: Method development and clinical validation. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 591-9	2.1	40
204	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. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 791-802	2.1	31
203	Solid-state SPECT technology: fast and furious. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 890-6	2.1	33
202	Automatic and visual reproducibility of perfusion and function measures for myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 1050-7	2.1	55
201	Comparison of long-term mortality risk following normal exercise vs adenosine myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 999-1008	2.1	62
200	New Imaging Protocols for New Single Photon Emission CT Technologies. <i>Current Cardiovascular Imaging Reports</i> , 2010 , 3, 162-170	0.7	11
199	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 expert consensus document on coronary computed tomographic angiography: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. <i>Catheterization and Cardiovascular Interventions</i> , 2010 , 76, E1-42	2.7	37
198	Digital/Fast SPECT 2010 , 132-148		1
197	Comparative Use of Radionuclide Stress Testing, Coronary Artery Calcium Scanning, and Noninvasive Coronary Angiography for Diagnostic and Prognostic Cardiac Assessment 2010 , 233-254		
196	Prognostic Implications of MPI Stress SPECT 2010 , 267-286		
195	Geometric feature-based multimodal image registration of contrast-enhanced cardiac CT with gated myocardial perfusion SPECT. <i>Medical Physics</i> , 2009 , 36, 5467-79	4.4	18
194	A novel high-sensitivity rapid-acquisition single-photon cardiac imaging camera. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 635-43	8.9	179
193	Prognostic implications of myocardial perfusion single-photon emission computed tomography in the elderly. <i>Circulation</i> , 2009 , 120, 2197-206	16.7	84

192	Are shades of gray prognostically useful in reporting myocardial perfusion single-photon emission computed tomography?. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 290-8	3.9	36
191	Quantitative analysis of myocardial perfusion SPECT anatomically guided by coregistered 64-slice coronary CT angiography. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 1621-30	8.9	66
190	ACCF/ASNC/ACR/AHA/ASE/SCCT/SCMR/SNM 2009 appropriate use criteria for cardiac radionuclide imaging: a report of the American College of Cardiology Foundation Appropriate Use Criteria Task Force, the American Society of Nuclear Cardiology, the American College of Radiology, the American Heart Association, the American Society of Echocardiography, the Society of Cardiovascular Computed Tomography, the Society of Cardiovascular Magnetic Resonance, and the Society of Nuclear Medicine. <i>Circulation</i> , 2009 , 119, 58-78	16.7	229
189	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. <i>American Journal of Cardiology</i> , 2009 , 103, 50-8	3	15
188	Prognostic accuracy of B-natriuretic peptide measurements and coronary artery calcium in asymptomatic subjects (from the Early Identification of Subclinical Atherosclerosis by Noninvasive Imaging Research [EISNER] study). <i>American Journal of Cardiology</i> , 2009 , 104, 1245-50	3	12
187	Threshold, incidence, and predictors of prognostically high-risk silent ischemia in asymptomatic patients without prior diagnosis of coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2009 , 16, 193-200	2.1	60
186	Quantitative assessment of myocardial perfusion abnormality on SPECT myocardial perfusion imaging is more reproducible than expert visual analysis. <i>Journal of Nuclear Cardiology</i> , 2009 , 16, 45-53	2.1	113
185	Advances in technical aspects of myocardial perfusion SPECT imaging. <i>Journal of Nuclear Cardiology</i> , 2009 , 16, 255-76	2.1	171
184	Functional versus anatomic imaging in patients with suspected coronary artery disease. <i>Cardiology Clinics</i> , 2009 , 27, 597-604	2.5	9
183	ACCF/ASNC/ACR/AHA/ASE/SCCT/SCMR/SNM 2009 Appropriate Use Criteria for Cardiac Radionuclide Imaging: A Report of the American College of Cardiology Foundation Appropriate Use Criteria Task Force, the American Society of Nuclear Cardiology, the American College of Radiology, the American Heart Association, the American Society of Echocardiography, the Society of Cardiovascular Computed Tomography, the Society of Cardiovascular Magnetic Resonance, and the Society of Nuclear Medicine. <i>Circulation</i> , 2009 , 119, 58-78	15.1	406
182	Induced cardiovascular procedural costs and resource consumption patterns after coronary artery calcium screening: results from the EISNER (Early Identification of Subclinical Atherosclerosis by Noninvasive Imaging Research) study. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 1258-67	15.1	44
181	Thoracic aortic calcium versus coronary artery calcium for the prediction of coronary heart disease and cardiovascular disease events. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 319-26	8.4	84
180	Stress thallium-201/rest technetium-99m sequential dual isotope high-speed myocardial perfusion imaging. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 273-82	8.4	112
179	Characterization of complex coronary artery stenosis morphology by coronary computed tomographic angiography. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 950-8	8.4	6
178	SCCT guidelines for the interpretation and reporting of coronary computed tomographic angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2009 , 3, 122-36	2.8	582
177	Reproducibility of coronary artery plaque volume and composition quantification by 64-detector row coronary computed tomographic angiography: an intraobserver, interobserver, and interscan variability study. <i>Journal of Cardiovascular Computed Tomography</i> , 2009 , 3, 312-20	2.8	44
176	Automated 3-dimensional quantification of noncalcified and calcified coronary plaque from coronary CT angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2009 , 3, 372-82	2.8	83
175	Coronary artery calcium scoring using a reduced tube voltage and radiation dose protocol with dual-source computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2009 , 3, 394-400	2.8	76

174	Comparative roles of cardiac CT and nuclear cardiology in assessment of the patient with suspected coronary artery disease. <i>Journal of Invasive Cardiology</i> , 2009 , 21, 352-8	0.7	4
173	Aortic size assessment by noncontrast cardiac computed tomography: normal limits by age, gender, and body surface area. <i>JACC: Cardiovascular Imaging</i> , 2008 , 1, 200-9	8.4	203
172	High-speed myocardial perfusion imaging initial clinical comparison with conventional dual detector angler camera imaging. <i>JACC: Cardiovascular Imaging</i> , 2008 , 1, 156-63	8.4	180
171	Moving beyond binary grading of coronary arterial stenoses on coronary computed tomographic angiography: insights for the imager and referring clinician. <i>JACC: Cardiovascular Imaging</i> , 2008 , 1, 460-71	8.4	70
170	Prognostic estimation of coronary artery disease risk with resting perfusion abnormalities and stress ischemia on myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2008 , 15, 762-773	2.1	0
169	Predicting success of prospective and retrospective gating with dual-source coronary computed tomography angiography: development of selection criteria and initial experience. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 81-90	2.8	46
168	Prognosis by coronary computed tomographic angiography: matched comparison with myocardial perfusion single-photon emission computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 93-101	2.8	44
167	Image quality and artifacts in coronary CT angiography with dual-source CT: initial clinical experience. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 105-14	2.8	30
166	The gestalt of cardiac imaging. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 149-51	2.8	
165	Dual-source coronary computed tomography angiography in patients with atrial fibrillation: initial experience. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 172-80	2.8	17
164	Algorithm for radiation dose reduction with helical dual source coronary computed tomography angiography in clinical practice. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 311-22	2.8	52
163	Assessment of the thoracic aorta by multidetector computed tomography: age- and sex-specific reference values in adults without evident cardiovascular disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2008 , 2, 298-308	2.8	106
162	Optimal 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 substudy. <i>Circulation</i> , 2008 , 117, 1283-91	16.7	1183
161	Motion-frozen myocardial perfusion SPECT improves detection of coronary artery disease in obese patients. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 1075-9	8.9	24
160	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. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 1790-7	8.9	47
159	Comparison of myocardial perfusion ⁸² Rb PET performed with CT- and transmission CT-based attenuation correction. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 1992-8	8.9	37
158	Applications and software techniques for integrated cardiac multimodality imaging. <i>Expert Review of Cardiovascular Therapy</i> , 2008 , 6, 27-41	2.5	14
157	Cost-effective applications of cardiac computed tomography in coronary artery disease. <i>Expert Review of Cardiovascular Therapy</i> , 2008 , 6, 43-55	2.5	4

156	Automated quantitation of pericardiac fat from noncontrast CT. <i>Investigative Radiology</i> , 2008 , 43, 145-53	10.1	72
155	Prognostic estimation of coronary artery disease risk with resting perfusion abnormalities and stress ischemia on myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2008 , 15, 762-73	2.1	40
154	Quantitative myocardial-perfusion SPECT: comparison of three state-of-the-art software packages. <i>Journal of Nuclear Cardiology</i> , 2008 , 15, 27-34	2.1	44
153	Clinical imaging for prevention: directed strategies for improved detection of presymptomatic patients with undetected atherosclerosis--Part I: Clinical imaging for prevention. <i>Journal of Nuclear Cardiology</i> , 2008 , 15, e6-19	2.1	12
152	Comparison of the diagnostic performance for detection of coronary artery disease (CAD) of their program (QPS) with that of the Emory Cardiac Toolbox (ECTb) for automated quantification of myocardial perfusion. <i>Journal of Nuclear Cardiology</i> , 2008 , 15, 476; author reply 476-8	2.1	3
151	Cardiac SPECT and PET: Complementary Roles with Cardiac CT 2008 , 1-11		
150	Long-term prognosis associated with coronary calcification: observations from a registry of 25,253 patients. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1860-70	15.1	970
149	Clinical outcomes after both coronary calcium scanning and exercise myocardial perfusion scintigraphy. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1352-61	15.1	106
148	Prognostic value of multidetector coronary computed tomographic angiography for prediction of all-cause mortality. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 1161-70	15.1	735
147	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. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 59-67	2.1	6
146	Attenuation correction in cardiac SPECT: the boy who cried wolf?. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 25-35	2.1	32
145	Underestimation of extent of ischemia by gated SPECT myocardial perfusion imaging in patients with left main coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 521-8	2.1	233
144	Quantitation in gated perfusion SPECT imaging: the Cedars-Sinai approach. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 433-54	2.1	169
143	Use of coronary calcium scanning for predicting inducible myocardial ischemia: Influence of patients clinical presentation. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 669-79	2.1	38
142	Combined quantitative supine-prone myocardial perfusion SPECT improves detection of coronary artery disease and normalcy rates in women. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 44-52	2.1	39
141	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. <i>American Journal of Cardiology</i> , 2007 , 99, 208-12	3	52
140	Comparative use of radionuclide stress testing, coronary artery calcium scanning, and noninvasive coronary angiography for diagnostic and prognostic cardiac assessment. <i>Seminars in Nuclear Medicine</i> , 2007 , 37, 2-16	5.4	49
139	Optimal medical therapy with or without PCI for stable coronary disease. <i>New England Journal of Medicine</i> , 2007 , 356, 1503-16	59.2	3073

138	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. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 191-201	2.1	56
137	Gated SPECT in assessment of regional and global left ventricular function: major tool of modern nuclear imaging. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 261-79	2.1	42
136	Cardiovascular disease risk stratification with stress single-photon emission computed tomography technetium-99m tetrofosmin imaging in patients with the metabolic syndrome and diabetes mellitus. <i>American Journal of Cardiology</i> , 2006 , 97, 1538-44	3	41
135	Direct quantitative in vivo comparison of calcified atherosclerotic plaque on vascular MRI and CT by multimodality image registration. <i>Journal of Magnetic Resonance Imaging</i> , 2006 , 23, 345-54	5.6	14
134	Gated SPECT in assessment of regional and global left ventricular function: Major tool of modern nuclear imaging. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 261-279	2.1	5
133	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. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 1418-26	15.1	36
132	Coronary artery calcium scanning: Clinical paradigms for cardiac risk assessment and treatment. <i>American Heart Journal</i> , 2006 , 151, 1139-46	4.9	54
131	Design and rationale of the Clinical Outcomes Utilizing Revascularization and Aggressive Drug Evaluation (COURAGE) trial Veterans Affairs Cooperative Studies Program no. 424. <i>American Heart Journal</i> , 2006 , 151, 1173-9	4.9	70
130	Fourth annual Mario S. Verani, MD Memorial Lecture: noninvasive imaging in coronary artery disease: changing roles, changing players. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 457-73	2.1	13
129	Left ventricular shape index assessed by gated stress myocardial perfusion SPECT: initial description of a new variable. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 652-9	2.1	23
128	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. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 685-98	2.1	28
127	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. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 495-506	2.1	92
126	Predicting therapeutic benefit from myocardial revascularization procedures: are measurements of both resting left ventricular ejection fraction and stress-induced myocardial ischemia necessary?. <i>Journal of Nuclear Cardiology</i> , 2006 , 13, 768-78	2.1	118
125	Nuclear Cardiology and Cardiac Computed Tomography in Assessment of Patients with Known or Suspected Chronic Coronary Artery Disease 2006 , 239-259		
124	Prognostic Assessment by Noninvasive Imaging. Part a. Clinical Decision-making in Patients with Suspected or Known Coronary Artery Disease 2006 , 189-208		
123	Combined supine and prone quantitative myocardial perfusion SPECT: method development and clinical validation in patients with no known coronary artery disease. <i>Journal of Nuclear Medicine</i> , 2006 , 47, 51-8	8.9	76
122	Roles of nuclear cardiology, cardiac computed tomography, and cardiac magnetic resonance: assessment of patients with suspected coronary artery disease. <i>Journal of Nuclear Medicine</i> , 2006 , 47, 74-82	8.9	74
121	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. <i>Journal of Nuclear Medicine</i> , 2006 , 47, 1107-18	8.9	85

120	The use of nuclear cardiology in clinical decision making. <i>Seminars in Nuclear Medicine</i> , 2005 , 35, 62-72	5.4	53
119	A prognostic score for prediction of cardiac mortality risk after adenosine stress myocardial perfusion scintigraphy. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 722-9	15.1	80
118	Prognostic value of myocardial perfusion SPECT versus exercise electrocardiography in patients with ST-segment depression on resting electrocardiography. <i>Journal of Nuclear Cardiology</i> , 2005 , 12, 655-61	2.1	8
117	Automated quantification of myocardial perfusion SPECT using simplified normal limits. <i>Journal of Nuclear Cardiology</i> , 2005 , 12, 66-77	2.1	193
116	Computed tomography coronary calcium screening and myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2005 , 12, 96-103	2.1	19
115	Information Statement - Approved November 2004. <i>Journal of Nuclear Cardiology</i> , 2005 , 12, 131-142	2.1	15
114	Sequential single-photon emission computed tomography myocardial perfusion imaging. <i>American Journal of Cardiology</i> , 2005 , 96, 28J-39J	3	5
113	Quantitative single-photon emission computed tomography imaging. <i>Current Cardiology Reports</i> , 2005 , 7, 136-42	4.2	8
112	Concordance of coronary artery calcium estimates between MDCT and electron beam tomography. <i>American Journal of Roentgenology</i> , 2005 , 185, 1542-5	5.4	50
111	Prognostic significance of dyspnea in patients referred for cardiac stress testing. <i>New England Journal of Medicine</i> , 2005 , 353, 1889-98	59.2	206
110	Metabolic syndrome and diabetes are associated with an increased likelihood of inducible myocardial ischemia among patients with subclinical atherosclerosis. <i>Diabetes Care</i> , 2005 , 28, 1445-50	14.6	88
109	Automatic detection and size quantification of infarcts by myocardial perfusion SPECT: clinical validation by delayed-enhancement MRI. <i>Journal of Nuclear Medicine</i> , 2005 , 46, 728-35	8.9	23
108	Assessment of diastolic function using 16-frame 99mTc-sestamibi gated myocardial perfusion SPECT: normal values. <i>Journal of Nuclear Medicine</i> , 2005 , 46, 1102-8	8.9	69
107	Prognostic relevance of symptoms versus objective evidence of coronary artery disease in diabetic patients. <i>European Heart Journal</i> , 2004 , 25, 543-50	9.5	141
106	Prognostic validation of a 17-segment score derived from a 20-segment score for myocardial perfusion SPECT interpretation. <i>Journal of Nuclear Cardiology</i> , 2004 , 11, 414-23	2.1	196
105	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. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 200-8	15.1	167
104	Prognostic value of coronary artery calcium screening in subjects with and without diabetes. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 1663-9	15.1	454
103	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: superiority over 85% of maximal age-predicted heart rate. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 123-30	15.1	125

102	Prognostic implications of atrial fibrillation in patients undergoing myocardial perfusion single-photon emission computed tomography. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 1062-70	15.1	47
101	Relationship between stress-induced myocardial ischemia and atherosclerosis measured by coronary calcium tomography. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 923-30	15.1	339
100	Role of nuclear cardiology in advancing cardiac surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2004 , 16, 255-65	1.7	1
99	Myocardial Perfusion Imaging for Cardiac Risk Stratification 2004 , 253-278		
98	Nuclear Cardiology for Imaging the Effects of Therapy 2004 , 279-308		
97	Automatic quantification of myocardial perfusion stress-rest change: a new measure of ischemia. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 183-91	8.9	55
96	Influence of angiographic collateral circulation on myocardial perfusion in patients with chronic total occlusion of a single coronary artery and no prior myocardial infarction. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 950-5	8.9	39
95	"Motion-frozen" display and quantification of myocardial perfusion. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 1128-34	8.9	65
94	Quantification of serial changes in myocardial perfusion. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 1978-80	8.9	10
93	Integration of automatically measured transient ischemic dilation ratio into interpretation of adenosine stress myocardial perfusion SPECT for detection of severe and extensive CAD. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 1999-2007	8.9	62
92	Prognostic impact of hemodynamic response to adenosine in patients older than age 55 years undergoing vasodilator stress myocardial perfusion study. <i>Circulation</i> , 2003 , 107, 2894-9	16.7	77
91	New frontiers in risk stratification using stress myocardial perfusion single photon emission computed tomography. <i>Current Opinion in Cardiology</i> , 2003 , 18, 494-502	2.1	5
90	Use of atropine in patients with submaximal heart rate during exercise myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2003 , 10, 51-5	2.1	7
89	Relation of thoracic aortic and aortic valve calcium to coronary artery calcium and risk assessment. <i>American Journal of Cardiology</i> , 2003 , 92, 951-5	3	65
88	Rest perfusion defects in patients with no history of myocardial infarction predict the presence of a critical coronary artery stenosis. <i>Journal of Nuclear Cardiology</i> , 2003 , 10, 656-62	2.1	3
87	Transient ischemic dilation ratio of the left ventricle is a significant predictor of future cardiac events in patients with otherwise normal myocardial perfusion SPECT. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 1818-25	15.1	165
86	ACC/AHA/ASNC guidelines for the clinical use of cardiac radionuclide imaging--executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (ACC/AHA/ASNC Committee to Revise the 1995 Guidelines for the Clinical Use of Cardiac Radionuclide Imaging). <i>Journal of the American College of Cardiology</i> , 2003 , 42, 1318-33	15.1	580
85	Adenosine myocardial perfusion single-photon emission computed tomography in women compared with men. Impact of diabetes mellitus on incremental prognostic value and effect on patient management. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 1125-33	15.1	231

84	Determinants of risk and its temporal variation in patients with normal stress myocardial perfusion scans: what is the warranty period of a normal scan?. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 1329-40	15.1	288
83	The metabolic syndrome, diabetes, and subclinical atherosclerosis assessed by coronary calcium. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 1547-53	15.1	191
82	Is there a referral bias against catheterization of patients with reduced left ventricular ejection fraction? Influence of ejection fraction and inducible ischemia on post-single-photon emission computed tomography management of patients without a history of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 1286-94	15.1	31
81	The VIVA trial: Vascular endothelial growth factor in Ischemia for Vascular Angiogenesis. <i>Circulation</i> , 2003 , 107, 1359-65	16.7	869
80	Prognostic value of cardiac risk factors and coronary artery calcium screening for all-cause mortality. <i>Radiology</i> , 2003 , 228, 826-33	20.5	703
79	ACC/AHA/ASNC guidelines for the clinical use of cardiac radionuclide imaging--executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (ACC/AHA/ASNC Committee to Revise the 1995 Guidelines for the Clinical Use of Cardiac Radionuclide Imaging). <i>Circulation</i> , 2003 , 108, 1404-18	16.7	506
78	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. <i>Circulation</i> , 2003 , 107, 2900-7	16.7	1095
77	Prognostic implications of combined prone and supine acquisitions in patients with equivocal or abnormal supine myocardial perfusion SPECT. <i>Journal of Nuclear Medicine</i> , 2003 , 44, 1633-40	8.9	48
76	Risk stratification in patients with remote prior myocardial infarction using rest-stress myocardial perfusion SPECT: prognostic value and impact on referral to early catheterization. <i>Journal of Nuclear Cardiology</i> , 2002 , 9, 23-32	2.1	39
75	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. <i>Circulation</i> , 2002 , 105, 32-40	16.7	281
74	Value of stress myocardial perfusion single photon emission computed tomography in patients with normal resting electrocardiograms: an evaluation of incremental prognostic value and cost-effectiveness. <i>Circulation</i> , 2002 , 105, 823-9	16.7	164
73	Serial changes on quantitative myocardial perfusion SPECT in patients undergoing revascularization or conservative therapy. <i>Journal of Nuclear Cardiology</i> , 2001 , 8, 428-37	2.1	25
72	Nuclear cardiology and electron-beam computed tomography: competitive or complementary?. <i>American Journal of Cardiology</i> , 2001 , 88, 51E-55E	3	14
71	Recent advances in myocardial perfusion imaging. <i>Current Problems in Cardiology</i> , 2001 , 26, 1-140	17.1	4
70	Resolution of stress-induced myocardial ischemia during aggressive medical therapy as demonstrated by single photon emission computed tomography imaging. <i>Circulation</i> , 2001 , 103, 2315	16.7	9
69	When to stress patients after coronary artery bypass surgery? Risk stratification in patients early and late post-CABG using stress myocardial perfusion SPECT: implications of appropriate clinical strategies. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 144-52	15.1	93
68	A Cross-Sectional Analysis of the Relationship Between Hormone Replacement Therapy and Coronary Artery Calcification. <i>Circulation</i> , 2001 , 103, 1355-1355	16.7	
67	Comparative localization of myocardial ischemia by exercise electrocardiography and myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2000 , 7, 140-5	2.1	8

66	Methodological considerations in the assessment of noninvasive testing using outcomes research: pitfalls and limitations. <i>Progress in Cardiovascular Diseases</i> , 2000 , 43, 215-30	8.5	20
65	Noninvasive strategies for the estimation of cardiac risk in stable chest pain patients. The Economics of Noninvasive Diagnosis (END) Study Group. <i>American Journal of Cardiology</i> , 2000 , 86, 1-7	3	61
64	Identification of severe and extensive coronary artery disease by postexercise regional wall motion abnormalities in Tc-99m sestamibi gated single-photon emission computed tomography. <i>American Journal of Cardiology</i> , 2000 , 86, 1171-5	3	103
63	Sustained reduction of exercise perfusion defect extent and severity with isosorbide mononitrate (Imdur) as demonstrated by means of technetium 99m sestamibi. <i>Journal of Nuclear Cardiology</i> , 2000 , 7, 342-53	2.1	21
62	Enhanced prognostic stratification of patients with left ventricular hypertrophy with the use of single-photon emission computed tomography. <i>American Heart Journal</i> , 2000 , 140, 456-62	4.9	18
61	Multicenter clinical trial to evaluate the efficacy of correction for photon attenuation and scatter in SPECT myocardial perfusion imaging. <i>Circulation</i> , 1999 , 99, 2742-9	16.7	172
60	Incremental prognostic value of rest-redistribution (201)Tl single-photon emission computed tomography. <i>Circulation</i> , 1999 , 100, 1964-70	16.7	36
59	Incremental prognostic value of post-stress left ventricular ejection fraction and volume by gated myocardial perfusion single photon emission computed tomography. <i>Circulation</i> , 1999 , 100, 1035-42	16.7	429
58	Automatic quantification of left ventricular ejection fraction from gated blood pool SPECT. <i>Journal of Nuclear Cardiology</i> , 1999 , 6, 498-506	2.1	66
57	Cost analysis of diagnostic testing for coronary artery disease in women with stable chest pain. Economics of Noninvasive Diagnosis (END) Study Group. <i>Journal of Nuclear Cardiology</i> , 1999 , 6, 559-69	2.1	58
56	Using an outcomes-based approach to identify candidates for risk stratification after exercise treadmill testing. <i>Journal of General Internal Medicine</i> , 1999 , 14, 1-9	4	23
55	The ongoing evolution of risk stratification using myocardial perfusion imaging in patients with known or suspected coronary artery disease. <i>ACC Current Journal Review</i> , 1999 , 8, 66-71		6
54	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. Economics of Noninvasive Diagnosis (END) Multicenter Study Group. <i>Journal of the American College of Cardiology</i> , 1999 , 33, 661-9	15.1	282
53	The role of nuclear cardiology in clinical decision making. <i>Seminars in Nuclear Medicine</i> , 1999 , 29, 280-97	5.4	38
52	Incremental prognostic value of myocardial perfusion single photon emission computed tomography in patients with diabetes mellitus. <i>American Heart Journal</i> , 1999 , 138, 1025-32	4.9	143
51	Comparative ability of myocardial perfusion single-photon emission computed tomography to detect coronary artery disease in patients with and without diabetes mellitus. <i>American Heart Journal</i> , 1999 , 137, 949-57	4.9	109
50	The noninvasive prediction of cardiac mortality in men and women with known or suspected coronary artery disease. Economics of Noninvasive Diagnosis (END) Study Group. <i>American Journal of Medicine</i> , 1999 , 106, 172-8	2.4	97
49	Incremental prognostic value of adenosine myocardial perfusion single-photon emission computed tomography in women with suspected coronary artery disease. <i>American Journal of Cardiology</i> , 1998 , 82, 725-30	3	67

48	Validation of left ventricular volume measurements by gated SPECT 99mTc-labeled sestamibi imaging. <i>Journal of Nuclear Cardiology</i> , 1998 , 5, 574-8	2.1	94
47	Repeatability of automatic left ventricular cavity volume measurements from myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 1998 , 5, 477-83	2.1	48
46	Incremental prognostic value of myocardial perfusion single photon emission computed tomography for the prediction of cardiac death: differential stratification for risk of cardiac death and myocardial infarction. <i>Circulation</i> , 1998 , 97, 535-43	16.7	960
45	Automatic quantitation of regional myocardial wall motion and thickening from gated technetium-99m sestamibi myocardial perfusion single-photon emission computed tomography. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 1360-7	15.1	246
44	Usefulness of hemodynamic changes during adenosine infusion in predicting the diagnostic accuracy of adenosine technetium-99m sestamibi single-photon emission computed tomography (SPECT). <i>American Journal of Cardiology</i> , 1997 , 79, 1319-22	3	33
43	Identification of severe or extensive coronary artery disease in women by adenosine technetium-99m sestamibi SPECT. <i>American Journal of Cardiology</i> , 1997 , 80, 132-7	3	93
42	Achieving sustained improvement in myocardial perfusion: role of isosorbide mononitrate. <i>American Journal of Cardiology</i> , 1997 , 79, 31-5	3	9
41	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. <i>American Journal of Cardiology</i> , 1997 , 80, 426-33	3	106
40	Imaging techniques for coronary artery disease: current status and future directions. <i>Clinical Cardiology</i> , 1997 , 20, 526-32	3.3	4
39	An automatic approach to the analysis, quantitation and review of perfusion and function from myocardial perfusion SPECT images. <i>International Journal of Cardiovascular Imaging</i> , 1997 , 13, 337-46		64
38	Adenosine technetium-99m sestamibi myocardial perfusion SPECT in women: diagnostic efficacy in detection of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 803-9	15.1	92
37	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. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 1612-20	15.1	195
36	Effective risk stratification using exercise myocardial perfusion SPECT in women: gender-related differences in prognostic nuclear testing. <i>Journal of the American College of Cardiology</i> , 1996 , 28, 34-44	15.1	157
35	Fast technetium 99m-labeled sestamibi gated single-photon emission computed tomography for evaluation of myocardial function. <i>Journal of Nuclear Cardiology</i> , 1996 , 3, 143-9	2.1	22
34	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. <i>Journal of Nuclear Cardiology</i> , 1996 , 3, 395-402	2.1	8
33	Risk assessment in patients with stable coronary artery disease: incremental value of nuclear imaging. <i>Journal of Nuclear Cardiology</i> , 1996 , 3, S41-9	2.1	16
32	Exercise myocardial perfusion SPECT in patients without known coronary artery disease: incremental prognostic value and use in risk stratification. <i>Circulation</i> , 1996 , 93, 905-14	16.7	606
31	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. <i>Journal of Nuclear Cardiology</i> , 1995 , 2, 380-8	2.1	20

30	Incremental prognostic value of exercise thallium-201 myocardial single-photon emission computed tomography late after coronary artery bypass surgery. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 403-9	15.1	69
29	Incremental value of simultaneous assessment of myocardial function and perfusion with technetium-99m sestamibi for prediction of extent of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 1024-31	15.1	51
28	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. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 639-47	15.1	457
27	Gender-related differences in clinical management after exercise nuclear testing. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 1457-64	15.1	86
26	Prior restraint: a Bayesian perspective on the optimization of technology utilization for diagnosis of coronary artery disease. <i>American Journal of Cardiology</i> , 1995 , 76, 82-6	3	24
25	Pharmacologic stress dual-isotope myocardial perfusion single-photon emission computed tomography. <i>American Heart Journal</i> , 1994 , 128, 1067-76	4.9	31
24	Separate acquisition rest thallium-201/stress technetium-99m sestamibi dual-isotope myocardial perfusion single-photon emission computed tomography: a clinical validation study. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 1455-64	15.1	440
23	Quantitative severity of stress thallium-201 myocardial perfusion single-photon emission computed tomography defects in one-vessel coronary artery disease. <i>American Journal of Cardiology</i> , 1993 , 72, 273-9	3	18
22	Reproducibility of stress redistribution thallium-201 SPECT quantitative indexes of hypoperfused myocardium secondary to coronary artery disease. <i>American Journal of Cardiology</i> , 1992 , 70, 1255-63	3	18
21	A new approach to the assessment of tomographic thallium-201 scintigraphy in patients with left bundle branch block. <i>Journal of the American College of Cardiology</i> , 1991 , 17, 1309-17	15.1	62
20	Comparison of thallium-201 SPECT and planar imaging methods for quantification of experimental myocardial infarct size. <i>American Heart Journal</i> , 1991 , 122, 972-9	4.9	15
19	Technical aspects of myocardial SPECT imaging with technetium-99m sestamibi. <i>American Journal of Cardiology</i> , 1990 , 66, 23E-31E	3	169
18	Comparison of SPECT using technetium-99m agents and thallium-201 and PET for the assessment of myocardial perfusion and viability. <i>American Journal of Cardiology</i> , 1990 , 66, 72E-79E	3	36
17	Significance of dipyridamole-induced transient dilation of the left ventricle during thallium-201 scintigraphy in suspected coronary artery disease. <i>American Journal of Cardiology</i> , 1990 , 66, 689-94	3	85
16	Development and prospective application of quantitative 2-day stress-rest Tc-99m methoxy isobutyl isonitrile SPECT for the diagnosis of coronary artery disease. <i>American Heart Journal</i> , 1990 , 120, 1255-66	4.9	42
15	Late reversibility of tomographic myocardial thallium-201 defects: an accurate marker of myocardial viability. <i>Journal of the American College of Cardiology</i> , 1988 , 12, 1456-63	15.1	341
14	Patient motion in thallium-201 myocardial SPECT imaging. An easily identified frequent source of artifactual defect. <i>Clinical Nuclear Medicine</i> , 1988 , 13, 321-4	1.7	39
13	The efficacy of cardiovascular nuclear medicine exercise studies. <i>Seminars in Nuclear Medicine</i> , 1987 , 17, 104-20	5.4	55

12	Transient ischemic dilation of the left ventricle on stress thallium-201 scintigraphy: a marker of severe and extensive coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1987 , 9, 752-9	15.1	190
11	Incremental prognostic power of clinical history, exercise electrocardiography and myocardial perfusion scintigraphy in suspected coronary artery disease. <i>American Journal of Cardiology</i> , 1987 , 59, 270-7	3	130
10	Should the intent of testing influence its interpretation?. <i>Journal of the American College of Cardiology</i> , 1986 , 7, 17-24	15.1	19
9	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. <i>Journal of the American College of Cardiology</i> , 1986 , 7, 53-60	15.1	92
8	Extent and severity of myocardial hypoperfusion as predictors of prognosis in patients with suspected coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1986 , 7, 464-71	15.1	359
7	Correlation of thyroglobulin measurements and radioiodine scans in the follow-up of patients with differentiated thyroid cancer. <i>Cancer</i> , 1985 , 55, 1525-9	6.4	38
6	Diffuse slow washout of myocardial thallium-201: a new scintigraphic indicator of extensive coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1984 , 4, 55-64	15.1	78
5	Sustained benefits or oral pentaerythritol tetranitrate on ventricular function in chronic congestive heart failure. <i>Clinical Pharmacology and Therapeutics</i> , 1980 , 28, 436-40	6.1	12
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