

Daniel S Berman

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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	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
658	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
657	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
656	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
655	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
654	The VIVA trial: Vascular endothelial growth factor in Ischemia for Vascular Angiogenesis. <i>Circulation</i> , 2003 , 107, 1359-65	16.7	869
653	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
652	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
651	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
650	Initial Invasive or Conservative Strategy for Stable Coronary Disease. <i>New England Journal of Medicine</i> , 2020 , 382, 1395-1407	59.2	642
649	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
648	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
647	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> , 2002 , 40, 118-33	15.1	580
646	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> , 2011 , 58, 649-60	15.1	528
645	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> , 2002 , 40, 118-33	16.7	506
644	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
643	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

642	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
641	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
640	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
639	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	15.1	406
638	Extent and severity of myocardial hypoperfusion as predictors of prognosis in patients with and suspected coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1986 , 7, 464-71	15.1	359
637	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
636	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
635	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
634	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
633	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
632	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
631	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> , 2000 , 35, 441-50	15.1	282
630	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
629	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
628	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
627	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
626	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
625	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

624	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 for Cardiovascular Magnetic Resonance, and the Society of Nuclear Medicine. <i>Circulation</i> , 2009, 119, 2321-37	16.7	229
623	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
622	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
621	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
620	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
619	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
618	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
617	Automated quantification of myocardial perfusion SPECT using simplified normal limits. <i>Journal of Nuclear Cardiology</i> , 2005, 12, 66-77	2.1	193
616	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).	16.7	192
615	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
614	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
613	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
612	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
611	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
610	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
609	A novel high-sensitivity rapid-acquisition single-photon cardiac imaging camera. <i>Journal of Nuclear Medicine</i> , 2009, 50, 635-43	8.9	179
608	Effects of Statins on Coronary Atherosclerotic Plaques: The PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1475-1484	8.4	177
607	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

606	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
605	Advances in technical aspects of myocardial perfusion SPECT imaging. <i>Journal of Nuclear Cardiology</i> , 2009 , 16, 255-76	2.1	171
604	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
603	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
602	Quantitation in gated perfusion SPECT imaging: the Cedars-Sinai approach. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 433-54	2.1	169
601	Technical aspects of myocardial SPECT imaging with technetium-99m sestamibi. <i>American Journal of Cardiology</i> , 1990 , 66, 23E-31E	3	169
600	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
599	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
598	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
597	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2511-2522	15.1	161
596	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
595	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
594	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
593	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
592	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
591	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
590	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
589	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

588	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
587	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
586	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
585	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
584	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
583	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
582	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
581	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
580	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
579	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
578	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, 422-30	15.1	125
577	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, 2102-11	15.1	124
576	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
575	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
574	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
573	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
572	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
571	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

570	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
569	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
568	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
567	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
566	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
565	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
564	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
563	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
562	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
561	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
560	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
559	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
558	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
557	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
556	Prognostic and therapeutic implications of statin and aspirin therapy in individuals with nonobstructive coronary artery disease: results from the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter registry) registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 981-9	9.4	101
555	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
554	Myocardial Viability and Long-Term Outcomes in Ischemic Cardiomyopathy. <i>New England Journal of Medicine</i> , 2019 , 381, 739-748	59.2	99
553	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

552	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
551	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
550	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
549	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
548	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
547	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
546	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
545	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
544	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
543	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
542	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
541	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
540	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, 501-8	9.5	87
539	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
538	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
537	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
536	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
535	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

534	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
533	Prognostic implications of myocardial perfusion single-photon emission computed tomography in the elderly. <i>Circulation</i> , 2009 , 120, 2197-206	16.7	84
532	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
531	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
530	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
529	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
528	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
527	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
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