Daniel S Berman

List of Publications by Year
in descending order

716 papers	62,630 citations	831 121 h-index	1518 224 g-index
733 all docs	733 docs citations	733 times ranked	24264 citing authors

#	Article	IF	Citations
1	Development and validation of ischemia risk scores. Journal of Nuclear Cardiology, 2023, 30, 324-334.	1.4	3
2	Automated quantitative analysis of CZT SPECT stratifies cardiovascular risk in the obese population: Analysis of the REFINE SPECT registry. Journal of Nuclear Cardiology, 2022, 29, 727-736.	1.4	11
3	Mortality risk among patients undergoing exercise versus pharmacologic myocardial perfusion imaging: A propensity-based comparison. Journal of Nuclear Cardiology, 2022, 29, 840-852.	1.4	10
4	Associations between dyspnoea, coronary atherosclerosis, and cardiovascular outcomes: results from the long-term follow-up CONFIRM registry. European Heart Journal Cardiovascular Imaging, 2022, 23, 266-274.	0.5	4
5	The imperative to assess physical function among all patients undergoing stress myocardial perfusion imaging. Journal of Nuclear Cardiology, 2022, 29, 946-951.	1.4	2
6	Defining the role for PET myocardial blood flow early post cardiac transplant. Journal of Nuclear Cardiology, 2022, 29, 724-726.	1.4	1
7	Quantitative Assessment of Cardiac Hypermetabolism and Perfusion for Diagnosis of Cardiac Sarcoidosis. Journal of Nuclear Cardiology, 2022, 29, 86-96.	1.4	20
8	Observer repeatability and interscan reproducibility of 18F-sodium fluoride coronary microcalcification activity. Journal of Nuclear Cardiology, 2022, 29, 126-135.	1.4	26
9	Machine Learning with ¹⁸F-Sodium Fluoride PET and Quantitative Plaque Analysis on CT Angiography for the Future Risk of Myocardial Infarction. Journal of Nuclear Medicine, 2022, 63, 158-165.	2.8	34
10	Value of semiquantitative assessment of high-risk plaque features on coronary CT angiography over stenosis in selection of studies for FFRct. Journal of Cardiovascular Computed Tomography, 2022, 16, 27-33.	0.7	8
11	Diagnostic safety of a machine learning-based automatic patient selection algorithm for stress-only myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2022, 29, 2295-2307.	1.4	21
12	Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 1091-1102.	2.3	44
13	Determining a minimum set of variables for machine learning cardiovascular event prediction: results from REFINE SPECT registry. Cardiovascular Research, 2022, 118, 2152-2164.	1.8	26
14	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2022, 16, 19-26.	0.7	20
15	Prognostic significance of plaque location in non-obstructive coronary artery disease: from the CONFIRM registry. European Heart Journal Cardiovascular Imaging, 2022, 23, 1240-1247.	0.5	7
16	Comparison of coronary atherosclerotic plaque progression in East Asians and Caucasians by serial coronary computed tomographic angiography: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2022, 16, 222-229.	0.7	1
17	Detection of small coronary calcifications in patients with Agatston coronary artery calcium score of zero. Journal of Cardiovascular Computed Tomography, 2022, 16, 150-154.	0.7	7
18	The prevalence and predictors of inducible myocardial ischemia among patients referred for radionuclide stress testing. Journal of Nuclear Cardiology, 2022, 29, 2839-2849.	1.4	7

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19	Novel Techniques: Solid-State Detectors, Dose Reduction (SPECT/CT). , 2022, , 103-129.		0
20	Mean Versus Peak Coronary Calcium Density on Non-Contrast CT. JACC: Cardiovascular Imaging, 2022, 15, 489-500.	2.3	20
21	Comparison of diabetes to other prognostic predictors among patients referred for cardiac stress testing: A contemporary analysis from the REFINE SPECT Registry. Journal of Nuclear Cardiology, 2022, 29, 3003-3014.	1.4	6
22	Aortic valve imaging using 18F-sodium fluoride: impact of triple motion correction. EJNMMI Physics, 2022, 9, 4.	1.3	3
23	Intramyocardial Hemorrhage and the â€œWave Frontâ€•of Reperfusion Injury Compromising Myocardial Salvage. Journal of the American College of Cardiology, 2022, 79, 35-48.	1.2	38
24	Association of Plaque Location and Vessel Geometry Determined by Coronary Computed Tomographic Angiography With Future Acute Coronary Syndromeâ€“Causing Culprit Lesions. JAMA Cardiology, 2022, 7, 309.	3.0	13
25	Subclinical hepatic fibrosis is associated with coronary microvascular dysfunction by myocardial perfusion reserve index: a retrospective cohort study. International Journal of Cardiovascular Imaging, 2022, , 1.	0.7	0
26	Vessel-specific plaque features on coronary computed tomography angiography among patients of varying atherosclerotic cardiovascular disease risk. European Heart Journal Cardiovascular Imaging, 2022, 23, 1171-1179.	0.5	2
27	Causes of cardiovascular and noncardiovascular death in the ISCHEMIA trial. American Heart Journal, 2022, 248, 72-83.	1.2	15
28	OUP accepted manuscript. European Heart Journal Cardiovascular Imaging, 2022, , .	0.5	0
29	Predictors of Left Main Coronary Artery Disease in the ISCHEMIA Trial. Journal of the American College of Cardiology, 2022, 79, 651-661.	1.2	14
30	Bypass Grafting and Native Coronary Artery Disease Activity. JACC: Cardiovascular Imaging, 2022, 15, 875-887.	2.3	24
31	Prevalence and predictors of automatically quantified myocardial ischemia within a multicenter international registry. Journal of Nuclear Cardiology, 2022, 29, 3221-3232.	1.4	3
32	Coronary Artery Calcium for Risk Stratification of Sudden Cardiac Death. JACC: Cardiovascular Imaging, 2022, 15, 1259-1270.	2.3	11
33	Imaging Coronary Inflammatory Risk. JACC: Cardiovascular Imaging, 2022, 15, 472-475.	2.3	0
34	Cardiac microstructural alterations in immune-inflammatory myocardial disease: a retrospective case-control study. Cardiovascular Ultrasound, 2022, 20, 9.	0.5	0
35	Deep learning-enabled coronary CT angiography for plaque and stenosis quantification and cardiac risk prediction: an international multicentre study. The Lancet Digital Health, 2022, 4, e256-e265.	5.9	85
36	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry. Computers in Biology and Medicine, 2022, 145, 105449.	3.9	14

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37	Improved myocardial blood flow estimation with residual activity correction and motion correction in 18F-flurpiridaz PET myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1881-1893.	3.3	9
38	Latest Advances in Multimodality Imaging of Aortic Stenosis. Journal of Nuclear Medicine, 2022, 63, 353-358.	2.8	14
39	Relationship between ischaemia, coronary artery calcium scores, and major adverse cardiovascular events. European Heart Journal Cardiovascular Imaging, 2022, 23, 1423-1433.	0.5	16
40	Coronary Microvascular Dysfunction in Patients With Systemic Lupus Erythematosus and Chest Pain. Frontiers in Cardiovascular Medicine, 2022, 9, 867155.	1.1	7
41	Pericoronary Adipose Tissue Attenuation, Low-Attenuation Plaque Burden, and 5-Year Risk of Myocardial Infarction. JACC: Cardiovascular Imaging, 2022, 15, 1078-1088.	2.3	46
42	Distribution of Coronary Artery Calcium by Age, Sex, and Race Among Patients 30-45 Years Old. Journal of the American College of Cardiology, 2022, 79, 1873-1886.	1.2	38
43	Explainable Deep Learning Improves Physician Interpretation of Myocardial Perfusion Imaging. Journal of Nuclear Medicine, 2022, , jnumed.121.263686.	2.8	7
44	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry. Radiology: Cardiothoracic Imaging, 2022, 4, e210225.	0.9	6
45	Hepatosteatosis and Atherosclerotic Plaque at Coronary CT Angiography. Radiology: Cardiothoracic Imaging, 2022, 4, e210260.	0.9	6
46	Evaluation of California Non-Comprehensive Death File Against National Death Index. , 2022, 1, 100015.		3
47	Age related compositional plaque burden by CT in patients with future ACS. Journal of Cardiovascular Computed Tomography, 2022, 16, 491-497.	0.7	4
48	Association Between Changes in Perivascular Adipose Tissue Density andÂPlaque Progression. JACC: Cardiovascular Imaging, 2022, 15, 1760-1767.	2.3	19
49	Differences in Prognostic Value of Myocardial Perfusion Single-Photon Emission Computed Tomography Using High-Efficiency Solid-State Detector Between Men and Women in a Large International Multicenter Study. Circulation: Cardiovascular Imaging, 2022, 15, .	1.3	2
50	Machine learning to predict abnormal myocardial perfusion from pre-test features. Journal of Nuclear Cardiology, 2022, 29, 2393-2403.	1.4	7
51	Benefit of Early Revascularization Based on Inducible Ischemia and Left Ventricular Ejection Fraction. Journal of the American College of Cardiology, 2022, 80, 202-215.	1.2	19
52	Quantification of myocardial blood flow by CZT-SPECT with motion correction and comparison with 15O-water PET. Journal of Nuclear Cardiology, 2021, 28, 1477-1486.	1.4	31
53	Short-term repeatability of myocardial blood flow using 82Rb PET/CT: The effect of arterial input function position and motion correction. Journal of Nuclear Cardiology, 2021, 28, 1718-1725.	1.4	20
54	Cardiovascular 18F-fluoride positron emission tomography-magnetic resonance imaging: A comparison study. Journal of Nuclear Cardiology, 2021, 28, 1-12.	1.4	25

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55	Prognostic value of coronary risk factors, exercise capacity and single photon emission computed tomography in liver transplantation candidates: A 5-year follow-up study. Journal of Nuclear Cardiology, 2021, 28, 2876-2891.	1.4	7
56	CZT camera systems may provide better risk stratification for low-risk patients. Journal of Nuclear Cardiology, 2021, 28, 2927-2936.	1.4	9
57	Repeatability of quantitative pericoronary adipose tissue attenuation and coronary plaque burden from coronary CT angiography. Journal of Cardiovascular Computed Tomography, 2021, 15, 81-84.	0.7	35
58	Temporal changes in FFRCT-Guided Management of Coronary Artery Disease â€“ Lessons from the ADVANCE Registry. Journal of Cardiovascular Computed Tomography, 2021, 15, 48-55.	0.7	5
59	Prognostically safe stress-only single-photon emission computed tomography myocardial perfusion imaging guided by machine learning: report from REFINE SPECT. European Heart Journal Cardiovascular Imaging, 2021, 22, 705-714.	0.5	38
60	Comparing Risk Scores in the Prediction of Coronary and Cardiovascular Deaths. JACC: Cardiovascular Imaging, 2021, 14, 411-421.	2.3	46
61	Machine Learning Adds to Clinical and CAC Assessments in Predicting 10-Year CHD and CVD Deaths. JACC: Cardiovascular Imaging, 2021, 14, 615-625.	2.3	52
62	Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. European Heart Journal Cardiovascular Imaging, 2021, 22, 24-33.	0.5	19
63	Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2021, 15, 232-239.	0.7	12
64	Relation of Intake of Saturated Fat to Atherosclerotic Risk Factors, Health Behaviors, Coronary Atherosclerosis, and All-Cause Mortality Among Patients Who Underwent Coronary Artery Calcium Scanning. American Journal of Cardiology, 2021, 138, 40-45.	0.7	4
65	Machine learning integration of circulating and imaging biomarkers for explainable patient-specific prediction of cardiac events: A prospective study. Atherosclerosis, 2021, 318, 76-82.	0.4	37
66	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2021, 14, 233-242.	2.3	44
67	Influence of Coronary Artery Calcium Score on Computed Tomographyâ€“Derived Fractional Flow Reserve. JACC: Cardiovascular Imaging, 2021, 14, 702-703.	2.3	6
68	SCCT 2021 Expert Consensus Document on Coronary Computed Tomographic Angiography: A Report of the Society of Cardiovascular Computed Tomography. Journal of Cardiovascular Computed Tomography, 2021, 15, 192-217.	0.7	149
69	Society of Cardiovascular Computed Tomography / North American Society of Cardiovascular Imaging â€“ Expert Consensus Document on Coronary CT Imaging of Atherosclerotic Plaque. Journal of Cardiovascular Computed Tomography, 2021, 15, 93-109.	0.7	117
70	The clinical utility of FFRCT stratified by age. Journal of Cardiovascular Computed Tomography, 2021, 15, 121-128.	0.7	6
71	Cardiovascular and All-Cause Mortality Risk by Coronary Artery Calcium Scores and Percentiles Among Older Adult Males and Females. American Journal of Medicine, 2021, 134, 341-350.e1.	0.6	14
72	Prediction of revascularization by coronary CT angiography using a machine learning ischemia risk score. European Radiology, 2021, 31, 1227-1235.	2.3	15

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73	Prognostic Performance of Myocardial Perfusion and Function. , 2021, , 325-368.		0
74	Assessing myocardial perfusion in suspected coronary artery disease: rationale and design of the second phase 3, open-label multi-center study of flurpiridaz (F-18) injection for positron emission tomography (PET) imaging. Journal of Nuclear Cardiology, 2021, 28, 1105-1116.	1.4	10
75	Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification. Journal of Nuclear Medicine, 2021, 62, 1582-1590.	2.8	7
76	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. European Heart Journal Cardiovascular Imaging, 2021, 22, 1072-1082.	0.5	8
77	Diagnostic and prognostic value of Technetium-99m pyrophosphate uptake quantitation for transthyretin cardiac amyloidosis. Journal of Nuclear Cardiology, 2021, 28, 1835-1845.	1.4	27
78	Impact of Early Revascularization on Major Adverse Cardiovascular Events inÂRelation to Automatically QuantifiedÂIschemia. JACC: Cardiovascular Imaging, 2021, 14, 644-653.	2.3	28
79	Clinical Utility of SPECT in the Heart Transplant Population. Transplantation, 2021, Publish Ahead of Print, .	0.5	4
80	Diastolic dysfunction in women with ischemia and no obstructive coronary artery disease: Mechanistic insight from magnetic resonance imaging. International Journal of Cardiology, 2021, 331, 1-7.	0.8	8
81	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. Atherosclerosis, 2021, 324, 46-51.	0.4	41
82	155â€…Pericoronary adipose tissue attenuation, low attenuation plaque burden and 5-year risk of myocardial infarction. , 2021, , .		0
83	Changing Drivers of Mortality Among Patients Referred for Cardiac Stress Testing. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 560-573.	1.2	10
84	Impact of train/test sample regimen on performance estimate stability of machine learning in cardiovascular imaging. Scientific Reports, 2021, 11, 14490.	1.6	23
85	Prognostic Value of Phase Analysis for Predicting Adverse Cardiac Events Beyond Conventional Single-Photon Emission Computed Tomography Variables: Results From the REFINE SPECT Registry. Circulation: Cardiovascular Imaging, 2021, 14, e012386.	1.3	13
86	Synergistic Assessment of Mortality Risk According to Body Mass Index and Exercise Ability and Capacity in Patients Referred for Radionuclide Stress Testing. Mayo Clinic Proceedings, 2021, 96, 3001-3011.	1.4	5
87	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. Journal of Cardiovascular Computed Tomography, 2021, 15, 322-330.	0.7	19
88	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. Radiology, 2021, 300, 79-86.	3.6	10
89	Association of Tube Voltage With Plaque Composition on Coronary CT Angiography. JACC: Cardiovascular Imaging, 2021, 14, 2429-2440.	2.3	15
90	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. JAMA Cardiology, 2021, 6, 1257.	3.0	70

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91	Feasibility of Using an Ultrashort Lifestyle Questionnaire to Predict Future Mortality Risk among Patients with Suspected Heart Disease. American Journal of Cardiology, 2021, 153, 36-42.	0.7	1
92	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. Circulation, 2021, 144, 1396-1408.	1.6	32
93	Measurement of compensatory arterial remodelling over time with serial coronary computed tomography angiography and 3D metrics. European Heart Journal Cardiovascular Imaging, 2021, , .	0.5	0
94	The accuracy of coronary CT angiography in patients with coronary calcium score above 1000 Agatston Units: Comparison with quantitative coronary angiography. Journal of Cardiovascular Computed Tomography, 2021, 15, 412-418.	0.7	13
95	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. JACC: Cardiovascular Imaging, 2021, 14, 1804-1814.	2.3	28
96	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. JACC: Cardiovascular Imaging, 2021, 14, 1787-1799.	2.3	32
97	Outcomes in the ISCHEMIA Trial Based on Coronary Artery Disease and Ischemia Severity. Circulation, 2021, 144, 1024-1038.	1.6	140
98	Risk Markers for Limited Coronary Artery Calcium in Persons With Significant Aortic Valve Calcium (From the Multi-ethnic Study of Atherosclerosis). American Journal of Cardiology, 2021, 156, 58-64.	0.7	7
99	Implication of thoracic aortic calcification over coronary calcium score regarding the 2018 ACC/AHA Multisociety cholesterol guideline: results from the CAC Consortium. American Journal of Preventive Cardiology, 2021, 8, 100232.	1.3	7
100	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. JACC: Cardiovascular Imaging, 2021, 14, 1410-1421.	2.3	16
101	Metabolic syndrome, fatty liver, and artificial intelligence-based epicardial adipose tissue measures predict long-term risk of cardiac events: a prospective study. Cardiovascular Diabetology, 2021, 20, 27.	2.7	33
102	Contrast-enhanced computed tomography assessment of aortic stenosis. Heart, 2021, 107, 1905-1911.	1.2	32
103	Simulation of Low-Dose Protocols for Myocardial Perfusion ⁸²Rb Imaging. Journal of Nuclear Medicine, 2021, 62, 1112-1117.	2.8	6
104	Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries: quantitative plaque analysis on coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2021, 22, 322-330.	0.5	11
105	Prognostic significance of aortic valve calcium in relation to coronary artery calcification for long-term, cause-specific mortality: results from the CAC Consortium. European Heart Journal Cardiovascular Imaging, 2021, 22, 1257-1263.	0.5	18
106	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. Journal of the American College of Cardiology, 2021, 78, 1573-1583.	1.2	31
107	Coronary artery calcium is associated with long-term mortality from lung cancer: Results from the Coronary Artery Calcium Consortium. Atherosclerosis, 2021, , .	0.4	4
108	A rare case of coronary artery perforation into right ventricle detected by coronary CT angiography. Journal of Cardiovascular Computed Tomography, 2021, , .	0.7	0

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109	Upper reference limits of transient ischemic dilation ratio for different protocols on new-generation cadmium zinc telluride cameras: A report from REFINE SPECT registry. Journal of Nuclear Cardiology, 2020, 27, 1180-1189.	1.4	17
110	Long-Term All-Cause and Cause-Specific Mortality in Asymptomatic Patients With CACÂâ‰¥1,000. JACC: Cardiovascular Imaging, 2020, 13, 83-93.	2.3	80
111	Fiveâ€Year Followâ€Up of Coronary Microvascular Dysfunction and Coronary Artery Disease in Systemic Lupus Erythematosus: Results From a Communityâ€Based Lupus Cohort. Arthritis Care and Research, 2020, 72, 882-887.	1.5	21
112	Predictors of 18F-sodium fluoride uptake in patients with stable coronary artery disease and adverse plaque features on computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2020, 21, 58-66.	0.5	50
113	Simultaneous Tc-99m PYP/Tl-201 dual-isotope SPECT myocardial imaging in patients with suspected cardiac amyloidosis. Journal of Nuclear Cardiology, 2020, 27, 28-37.	1.4	25
114	Validation of the Coronary Artery Calcium Data and Reporting System (CAC-DRS): Dual importance of CAC score and CAC distribution from the Coronary Artery Calcium (CAC) consortium. Journal of Cardiovascular Computed Tomography, 2020, 14, 12-17.	0.7	28
115	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. JACC: Cardiovascular Imaging, 2020, 13, 97-105.	2.3	204
116	Optimization of reconstruction and quantification of motion-corrected coronary PET-CT. Journal of Nuclear Cardiology, 2020, 27, 494-504.	1.4	43
117	Rationale and design of the REgistry of Fast Myocardial Perfusion Imaging with NExt generation SPECT (REFINE SPECT). Journal of Nuclear Cardiology, 2020, 27, 1010-1021.	1.4	74
118	Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: analysis from the CONFIRM registry. European Heart Journal, 2020, 41, 359-367.	1.0	137
119	Reply: Clarifying the Utility of Myocardial Blood Flow and Myocardial Flow Reserve After Cardiac Transplantation. Journal of Nuclear Medicine, 2020, 61, 620.2-622.	2.8	0
120	5-Year Prognostic Value of QuantitativeÂVersus Visual MPI in SubtleÂPerfusionÂDefects. JACC: Cardiovascular Imaging, 2020, 13, 774-785.	2.3	70
121	Machine learning predicts per-vessel early coronary revascularization after fast myocardial perfusion SPECT: results from multicentre REFINE SPECT registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 549-559.	0.5	70
122	Comparative Prognostic and Diagnostic Value of Myocardial Blood Flow and Myocardial Flow Reserve After Cardiac Transplantation. Journal of Nuclear Medicine, 2020, 61, 249-255.	2.8	28
123	Interplay of Coronary Artery Calcium andÂRisk Factors for Predicting CVD/CHDÂMortality. JACC: Cardiovascular Imaging, 2020, 13, 1175-1186.	2.3	49
124	Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. JACC: Cardiovascular Imaging, 2020, 13, 1409-1417.	2.3	58
125	Whole-vessel coronary 18F-sodium fluoride PET for assessment of the global coronary microcalcification burden. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1736-1745.	3.3	50
126	Machine learning to predict the long-term risk of myocardial infarction and cardiac death based on clinical risk, coronary calcium, and epicardial adipose tissue: a prospective study. Cardiovascular Research, 2020, 116, 2216-2225.	1.8	78

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127	All-cause and cause-specific mortality in individuals with zero and minimal coronary artery calcium: A long-term, competing risk analysis in the Coronary Artery Calcium Consortium. Atherosclerosis, 2020, 294, 72-79.	0.4	46
128	Vulnerable plaque imaging using ¹⁸F-sodium fluoride positron emission tomography. British Journal of Radiology, 2020, 93, 20190797.	1.0	22
129	The association of coronary artery calcium score and mortality risk among smokers: The coronary artery calcium consortium. Atherosclerosis, 2020, 294, 33-40.	0.4	12
130	Coronary computed tomographyâ€“angiography quantitative plaque analysis improves detection of early cardiac allograft vasculopathy: A pilot study. American Journal of Transplantation, 2020, 20, 1375-1383.	2.6	13
131	Design, methodology and baseline characteristics of the Women's Ischemia Syndrome Evaluationâ€“Coronary Vascular Dysfunction (WISE-CVD). American Heart Journal, 2020, 220, 224-236.	1.2	15
132	Coronary atherosclerosis scoring with semiquantitative CCTA risk scores for prediction of major adverse cardiac events: Propensity score-based analysis of diabetic and non-diabetic patients. Journal of Cardiovascular Computed Tomography, 2020, 14, 251-257.	0.7	18
133	Myocardial Ischemic Burden and Differences in Prognosis Among Patients With and Without Diabetes: Results From the Multicenter International REFINE SPECT Registry. Diabetes Care, 2020, 43, 453-459.	4.3	21
134	Association between coronary atherosclerotic burden and all-cause mortality among patients undergoing exercise versus pharmacologic stress-rest SPECT myocardial perfusion imaging. Atherosclerosis, 2020, 310, 45-53.	0.4	5
135	Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. JACC: Cardiovascular Imaging, 2020, 13, 2386-2396.	2.3	26
136	Phase-III Clinical Trial of Fluorine-18 Flurpiridaz Positron Emission Tomography for Evaluation of Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 76, 391-401.	1.2	69
137	Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of AtheRosclerotic PlAque DetermIned by Computed TomoGraphic Angiography IMaging (PARADIGM) registry. Cardiovascular Diabetology, 2020, 19, 113.	2.7	39
138	Per-lesion versus per-patient analysis of coronary artery disease in predicting the development of obstructive lesions: the Progression of AtheRosclerotic PlAque DetermIned by Computed TmoGraphic Angiography Imaging (PARADIGM) study. International Journal of Cardiovascular Imaging, 2020, 36, 2357-2364.	0.7	7
139	Prognostic significance of subtle coronary calcification in patients with zero coronary artery calcium score: From the CONFIRM registry. Atherosclerosis, 2020, 309, 33-38.	0.4	14
140	Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. JAMA Network Open, 2020, 3, e2011444.	2.8	26
141	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. JACC: Cardiovascular Imaging, 2020, 13, 2162-2173.	2.3	34
142	Left ventricular mass and myocardial scarring in women with hypertensive disorders of pregnancy. Open Heart, 2020, 7, e001273.	0.9	6
143	Response to the letter to the editor: Lassen et al. 3D PET/CT 82Rb PET myocardial blood flow quantification: comparison of half-dose and full-dose protocols. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2731-2732.	3.3	0
144	Sex Differences in Coronary Artery Calcium and Mortality From Coronary Heart Disease, Cardiovascular Disease, and All Causes in Adults With Diabetes: The Coronary Calcium Consortium. Diabetes Care, 2020, 43, 2597-2606.	4.3	27

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145	Stress Myocardial Perfusion Imaging vs Coronary Computed Tomographic Angiography for Diagnosis of Invasive Vessel-Specific Coronary Physiology. JAMA Cardiology, 2020, 5, 1338.	3.0	55
146	Association between coronary artery calcium and cardiovascular disease as a supporting cause in cancer: The CAC consortium. American Journal of Preventive Cardiology, 2020, 4, 100119.	1.3	10
147	Percutaneous or surgical revascularization is associated with survival benefit in stable coronary artery disease. European Heart Journal Cardiovascular Imaging, 2020, 21, 961-970.	0.5	28
148	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. PLoS ONE, 2020, 15, e0232573.	1.1	23
149	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. European Heart Journal Cardiovascular Imaging, 2020, 21, 973-980.	0.5	26
150	A Clinical Tool to Identify Candidates for Stress-First Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2020, 13, 2193-2202.	2.3	8
151	Associations Among Self-reported Physical Activity, Coronary Artery Calcium Scores, and Mortality Risk in Older Adults. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 229-237.	1.2	14
152	Coronary 18F-Sodium Fluoride Uptake Predicts Outcomes in Patients With Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 75, 3061-3074.	1.2	100
153	Multicenter Study on the Diagnostic Performance of Native-T1 Cardiac Magnetic Resonance of Chronic Myocardial Infarctions at 3T. Circulation: Cardiovascular Imaging, 2020, 13, e009894.	1.3	10
154	Resting coronary velocity and myocardial performance in women with impaired coronary flow reserve: Results from the Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD) study. International Journal of Cardiology, 2020, 309, 19-22.	0.8	12
155	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. Circulation, 2020, 141, 1452-1462.	1.6	348
156	Initial Invasive or Conservative Strategy for Stable Coronary Disease. New England Journal of Medicine, 2020, 382, 1395-1407.	13.9	1,508
157	Association of Sex With Severity of Coronary Artery Disease, Ischemia, and Symptom Burden in Patients With Moderate or Severe Ischemia. JAMA Cardiology, 2020, 5, 773.	3.0	101
158	3D PET/CT 82Rb PET myocardial blood flow quantification: comparison of half-dose and full-dose protocols. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3084-3093.	3.3	10
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