

David E Newby

List of Publications by Year in descending order

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Version: 2024-02-01

321
papers

30,362
citations

5126

86
h-index

6177

164
g-index

352
all docs

352
docs citations

352
times ranked

29444
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated nonlinear registration of coronary PET to CT angiography using pseudo-CT generated from PET with generative adversarial networks. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 604-615.	1.4	11
2	Assessment of different quantification metrics of [18F]-NaF PET/CT images of patients with abdominal aortic aneurysm. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 251-261.	1.4	4
3	Observer repeatability and interscan reproducibility of 18F-sodium fluoride coronary microcalcification activity. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 126-135.	1.4	26
4	Respiration-averaged CT versus standard CT attenuation map for correction of 18F-sodium fluoride uptake in coronary atherosclerotic lesions on hybrid PET/CT. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 430-439.	1.4	17
5	Quantifying microcalcification activity in the thoracic aorta. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1372-1385.	1.4	21
6	Machine Learning with ¹⁸ F-Sodium Fluoride PET and Quantitative Plaque Analysis on CT Angiography for the Future Risk of Myocardial Infarction. <i>Journal of Nuclear Medicine</i> , 2022, 63, 158-165.	2.8	34
7	Association of coronary artery calcium score with qualitatively and quantitatively assessed adverse plaque on coronary CT angiography in the SCOT-HEART trial. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1210-1221.	0.5	21
8	MRI and CT coronary angiography in survivors of COVID-19. <i>Heart</i> , 2022, 108, 46-53.	1.2	25
9	Air pollution and cardiovascular disease: the Paul Wood Lecture, British Cardiovascular Society 2021. <i>Heart</i> , 2022, 108, 1267-1273.	1.2	21
10	Cardiovascular computed tomography imaging for coronary artery disease risk: plaque, flow and fat. <i>Heart</i> , 2022, 108, 1510-1515.	1.2	17
11	Association of Lipoprotein(a) With Atherosclerotic Plaque Progression. <i>Journal of the American College of Cardiology</i> , 2022, 79, 223-233.	1.2	66
12	Debates in cardiac CT: Coronary CT angiography is the best test in asymptomatic patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 290-293.	0.7	6
13	Bypass Grafting and Native Coronary Artery Disease Activity. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 875-887.	2.3	24
14	Thoracic Aortic 18F-Sodium Fluoride Activity and Ischemic Stroke in Patients With Established Cardiovascular Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1274-1288.	2.3	27
15	Coronary Artery and Cardiac Disease in Patients With Type 2 Myocardial Infarction: A Prospective Cohort Study. <i>Circulation</i> , 2022, 145, 1188-1200.	1.6	32
16	Takotsubo Syndrome: Pathophysiology, Emerging Concepts, and Clinical Implications. <i>Circulation</i> , 2022, 145, 1002-1019.	1.6	93
17	Is Asymptomatic Severe Aortic Stenosis Still a Waiting Game?. <i>Circulation</i> , 2022, 145, 874-876.	1.6	6
18	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.	5.9	85

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19	Latest Advances in Multimodality Imaging of Aortic Stenosis. <i>Journal of Nuclear Medicine</i> , 2022, 63, 353-358.	2.8	14
20	Pericoronary Adipose Tissue Attenuation, Low-Attenuation Plaque Burden, and 5-Year Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1078-1088.	2.3	46
21	Hepatosteatosis and Atherosclerotic Plaque at Coronary CT Angiography. <i>Radiology: Cardiothoracic Imaging</i> , 2022, 4, e210260.	0.9	6
22	Presentation cardiac troponin and early computed tomography coronary angiography in patients with suspected acute coronary syndrome: a pre-specified secondary analysis of the RAPID-CTCA trial. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 570-579.	0.4	2
23	Apelin is expressed throughout the human kidney, is elevated in chronic kidney disease & associates independently with decline in kidney function. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 5295-5306.	1.1	3
24	¹⁸ F-NaF PET/MRI for Detection of Carotid Atheroma in Acute Neurovascular Syndrome. <i>Radiology</i> , 2022, 305, 137-148.	3.6	7
25	Microcalcification and Thoracic Aortopathy: A Window Into Disease Severity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1048-1059.	1.1	3
26	Iterative reconstruction incorporating background correction improves quantification of [18F]-NaF PET/CT images of patients with abdominal aortic aneurysm. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1875-1886.	1.4	12
27	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.	0.7	35
28	Vascular effects of serelaxin in patients with stable coronary artery disease: a randomized placebo-controlled trial. <i>Cardiovascular Research</i> , 2021, 117, 320-329.	1.8	3
29	The 2020 European Society of Cardiology non-ST-segment elevation acute coronary syndromes guideline: the good, the bad and the ugly. <i>Heart</i> , 2021, 107, 444-446.	1.2	2
30	Diagnostic Applications of Ultrasmall Superparamagnetic Particles of Iron Oxide for Imaging Myocardial and Vascular Inflammation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1249-1264.	2.3	13
31	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.	0.7	149
32	EACVI survey on investigations and imaging modalities in chronic coronary syndromes. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1-7.	0.5	13
33	Role of Shear Stress and tPA Concentration in the Fibrinolytic Potential of Thrombi. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2115.	1.8	8
34	MINOCA: a heterogenous group of conditions associated with myocardial damage. <i>Heart</i> , 2021, 107, 1458-1464.	1.2	18
35	Sodium-glucose co-transporter 2 inhibitor therapy: mechanisms of action in heart failure. <i>Heart</i> , 2021, 107, 1032-1038.	1.2	90
36	Cardiovascular professional societies fall short in providing impartial, clear and evidence-based guidelines. <i>Heart</i> , 2021, 107, 940-942.	1.2	4

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37	Endovascular repair for abdominal aortic aneurysms. <i>Heart</i> , 2021, 107, 1783-1789.	1.2	10
38	Response by Meah et al to Letter Regarding Article, "Coronary 18 F-Fluoride Uptake and Progression of Coronary Artery Calcification": <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, CIRCIMAGING121012514.	1.3	0
39	<i>CARMN</i> Loss Regulates Smooth Muscle Cells and Accelerates Atherosclerosis in Mice. <i>Circulation Research</i> , 2021, 128, 1258-1275.	2.0	47
40	Effect of Denosumab or Alendronic Acid on the Progression of Aortic Stenosis: A Double-Blind Randomized Controlled Trial. <i>Circulation</i> , 2021, 143, 2418-2427.	1.6	61
41	High-Sensitivity Cardiac Troponin on Presentation to Rule Out Myocardial Infarction: A Stepped-Wedge Cluster Randomized Controlled Trial. <i>Circulation</i> , 2021, 143, 2214-2224.	1.6	80
42	Acute cardiovascular effects of controlled exposure to dilute Petrodiesel and biodiesel exhaust in healthy volunteers: a crossover study. <i>Particle and Fibre Toxicology</i> , 2021, 18, 22.	2.8	12
43	First-phase ejection fraction by cardiovascular magnetic resonance predicts outcomes in aortic stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 73.	1.6	2
44	Latin American guideline shows the way. <i>Heart</i> , 2021, 107, 1442-1443.	1.2	1
45	Reproducibility of quantitative plaque measurement in advanced coronary artery disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 333-338.	0.7	24
46	Pericoronary and periaortic adipose tissue density are associated with inflammatory disease activity in Takayasu arteritis and atherosclerosis. <i>European Heart Journal Open</i> , 2021, 1, oeab019.	0.9	15
47	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2021, 144, 1396-1408.	1.6	32
48	Forget Ischemia: It's All About the Plaque. <i>Circulation</i> , 2021, 144, 1039-1041.	1.6	6
49	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1804-1814.	2.3	28
50	Influence of Heart Rate on Image Quality and Radiation Dose Exposure in Coronary CT Angiography. <i>Radiology</i> , 2021, 300, 701-703.	3.6	6
51	Troponin-Guided Coronary Computed Tomographic Angiography After Exclusion of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1407-1417.	1.2	21
52	Contrast-enhanced computed tomography assessment of aortic stenosis. <i>Heart</i> , 2021, 107, 1905-1911.	1.2	32
53	Prevalence and clinical implications of valvular calcification on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 262-270.	0.5	19
54	Is the fear of disease worse than the disease itself?. <i>Heart</i> , 2021, 107, 91-92.	1.2	5

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55	Response to: Correspondence on "Sodium-glucose co-transporter 2 inhibitor therapy: mechanisms of action in heart failure" by Yalta <i>et al</i> . <i>Heart</i> , 2021, 107, 1922.2-1923.	1.2	18
56	Response by Bing <i>et al</i> to Letter Regarding Article, "Effect of Denosumab or Alendronic Acid on the Progression of Aortic Stenosis: A Double-Blind Randomized Controlled Trial". <i>Circulation</i> , 2021, 144, e335.	1.6	0
57	Prognostic value of fractional flow reserve from computed tomography. <i>Heart</i> , 2021, , heartjnl-2021-320375.	1.2	3
58	Evaluating Medical Therapy for Calcific Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2354-2376.	1.2	43
59	Low Shear Stress at Baseline Predicts Expansion and Aneurysm-Related Events in Patients With Abdominal Aortic Aneurysm. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, 1112-1121.	1.3	13
60	Air pollution and cardiovascular disease: car sick. <i>Cardiovascular Research</i> , 2020, 116, 279-294.	1.8	95
61	Analytical quantification of aortic valve 18F-sodium fluoride PET uptake. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 962-972.	1.4	32
62	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.	0.5	50
63	Optimization of reconstruction and quantification of motion-corrected coronary PET-CT. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 494-504.	1.4	43
64	High-Sensitivity Cardiac Troponin and the Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2020, 141, 161-171.	1.6	124
65	Standardized reporting systems for computed tomography coronary angiography and calcium scoring: A real-world validation of CAD-RADS and CAC-DRS in patients with stable chest pain. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 3-11.	0.7	31
66	Ticagrelor to Reduce Myocardial Injury in Patients With High-Risk Coronary Artery Plaque. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1549-1560.	2.3	26
67	Osteocalcin Regulates Arterial Calcification Via Altered Wnt Signaling and Glucose Metabolism. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 357-367.	3.1	59
68	Standardization of Preclinical PET/CT Imaging to Improve Quantitative Accuracy, Precision, and Reproducibility: A Multicenter Study. <i>Journal of Nuclear Medicine</i> , 2020, 61, 461-468.	2.8	23
69	Whole-vessel coronary 18F-sodium fluoride PET for assessment of the global coronary microcalcification burden. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1736-1745.	3.3	50
70	Novel Plaque Enriched Long Noncoding RNA in Atherosclerotic Macrophage Regulation (PELATON). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 697-713.	1.1	46
71	Vulnerable plaque imaging using ¹⁸ F-sodium fluoride positron emission tomography. <i>British Journal of Radiology</i> , 2020, 93, 20190797.	1.0	22
72	Non-invasive imaging of high-risk coronary plaque: the role of computed tomography and positron emission tomography. <i>British Journal of Radiology</i> , 2020, 93, 20190740.	1.0	2

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73	Computed tomography aortic valve calcium scoring for the assessment of aortic stenosis progression. <i>Heart</i> , 2020, 106, 1906-1913.	1.2	22
74	Understanding Quantitative Computed Tomography Coronary Artery Plaque Assessment Using Machine Learning. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2174-2176.	2.3	3
75	The Authorsâ€™ reply: instantaneous pressure-flow relationships in aortic stenosis. <i>Heart</i> , 2020, 106, 1778.2-1779.	1.2	2
76	Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient: A Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1177-1183.	0.5	29
77	Coronary ¹⁸ F-Fluoride Uptake and Progression of Coronary Artery Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011438.	1.3	43
78	We all breathe the same air and we are all mortal. <i>Cardiovascular Research</i> , 2020, 116, 1797-1799.	1.8	14
79	Determinants and prognostic value of echocardiographic first-phase ejection fraction in aortic stenosis. <i>Heart</i> , 2020, 106, 1236-1243.	1.2	22
80	Exercise Electrocardiography and Computed Tomography Coronary Angiography for Patients With Suspected Stable Angina Pectoris. <i>JAMA Cardiology</i> , 2020, 5, 920.	3.0	34
81	Getting to the heart of the matter of COVID-19. <i>Heart</i> , 2020, 106, 1117-1118.	1.2	1
82	Cold feet, warm heart. <i>Heart</i> , 2020, 106, 959-1032.	1.2	0
83	Clinical endpoint adjudication. <i>Lancet, The</i> , 2020, 395, 1878-1882.	6.3	18
84	Time to look deeper into the plaque. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 981-982.	0.5	0
85	Coronary ¹⁸ 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.	1.2	100
86	Global evaluation of echocardiography in patients with COVID-19. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 949-958.	0.5	317
87	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction. <i>Circulation</i> , 2020, 141, 1452-1462.	1.6	348
88	Eosinophil Deficiency Promotes Aberrant Repair and Adverse Remodeling Following Acute Myocardial Infarction. <i>JACC Basic To Translational Science</i> , 2020, 5, 665-681.	1.9	46
89	Validation of European Society of Cardiology pre-test probabilities for obstructive coronary artery disease in suspected stable angina. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020, 6, 293-300.	1.8	30
90	Inhibition of vascular calcification by inositol phosphates derivatized with ethylene glycol oligomers. <i>Nature Communications</i> , 2020, 11, 721.	5.8	38

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91	Cardiovascular imaging to guide primary prevention. <i>Heart</i> , 2020, 106, 1267-1275.	1.2	7
92	miR-96 and miR-183 differentially regulate neonatal and adult postinfarct neovascularization. <i>JCI Insight</i> , 2020, 5, .	2.3	14
93	18F-Sodium Fluoride Positron Emission Tomography/Computed Tomography Imaging of the Peripheral Vasculature. , 2020, , 85-94.		0
94	Novel high-sensitivity cardiac troponin I assay in patients with suspected acute coronary syndrome. <i>Heart</i> , 2019, 105, heartjnl-2018-314093.	1.2	38
95	Coronary Computed Tomography Angiography Improving Outcomes in Patients with Chest Pain. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 15.	0.4	4
96	Triple-gated motion and blood pool clearance corrections improve reproducibility of coronary 18F-NaF PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2610-2620.	3.3	45
97	Molecular Coronary Plaque Imaging Using ¹⁸ F-Fluoride. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008574.	1.3	36
98	Frontiers in positron emission tomography imaging of the vulnerable atherosclerotic plaque. <i>Cardiovascular Research</i> , 2019, 115, 1952-1962.	1.8	20
99	The Human-Specific and Smooth Muscle Cell-Enriched LncRNA SMILR Promotes Proliferation by Regulating Mitotic CENPF mRNA and Drives Cell-Cycle Progression Which Can Be Targeted to Limit Vascular Remodeling. <i>Circulation Research</i> , 2019, 125, 535-551.	2.0	100
100	Identification of patients and plaques vulnerable to future coronary events with near-infrared spectroscopy intravascular ultrasound imaging: a prospective, cohort study. <i>Lancet, The</i> , 2019, 394, 1629-1637.	6.3	263
101	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With Stable Chest Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2058-2070.	1.2	99
102	Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2032-2043.	1.2	84
103	Imaging vascular calcification. , 2019, , 203-246.		0
104	A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CT angiography. <i>European Heart Journal</i> , 2019, 40, 3529-3543.	1.0	268
105	High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2019, 140, 1557-1568.	1.6	79
106	Coronary Artery Plaque Characteristics Associated With Adverse Outcomes in the SCOT-HEART Study. <i>Journal of the American College of Cardiology</i> , 2019, 73, 291-301.	1.2	367
107	Imaging and Impact of Myocardial Fibrosis in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 283-296.	2.3	161
108	Disease Activity in Mitral Annular Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008513.	1.3	63

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109	Diagnosis of obstructive coronary artery disease using computed tomography angiography in patients with stable chest pain depending on clinical probability and in clinically important subgroups: meta-analysis of individual patient data. <i>BMJ: British Medical Journal</i> , 2019, 365, l1945.	2.4	99
110	Detection and Prediction of Bioprosthetic Aortic Valve Degeneration. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1107-1119.	1.2	110
111	Imaging Biomarkers for Abdominal Aortic Aneurysms. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008917.	1.3	3
112	Rationale and design of the randomized, controlled Early Valve Replacement Guided by Biomarkers of Left Ventricular Decompensation in Asymptomatic Patients with Severe Aortic Stenosis (EVOLVED) trial. <i>American Heart Journal</i> , 2019, 212, 91-100.	1.2	74
113	Coronary atherosclerosis imaging by CT to improve clinical outcomes. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 281-287.	0.7	15
114	MRI Relaxometry for Quantitative Analysis of USPIO Uptake in Cerebral Small Vessel Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 776.	1.8	10
115	Peri-Coronary Adipose Tissue Density Is Associated With ¹⁸ F-Sodium Fluoride Coronary Uptake in Stable Patients With High-Risk Plaques. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2000-2010.	2.3	129
116	Global Longitudinal Strain Analysis Using Cardiac MRI in Aortic Stenosis: Comparison with Left Ventricular Remodeling, Myocardial Fibrosis, and 2-year Clinical Outcomes. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e190027.	0.9	9
117	Three-Hour Delayed Imaging Improves Assessment of Coronary ¹⁸ F-Sodium Fluoride PET. <i>Journal of Nuclear Medicine</i> , 2019, 60, 530-535.	2.8	44
118	Imaging aortic wall inflammation. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 440-448.	2.3	14
119	CONSERVE Your Energy and Resources. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1313-1315.	2.3	3
120	Non-invasive imaging of the coronary arteries. <i>European Heart Journal</i> , 2019, 40, 2444-2454.	1.0	32
121	Transcatheter Aortic Heart Valves. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 135-145.	2.3	89
122	Myocardial and Systemic Inflammation in Acute Stress-Induced (Takotsubo) Cardiomyopathy. <i>Circulation</i> , 2019, 139, 1581-1592.	1.6	188
123	The SCOT-HEART Trial. What we observed and what we learned. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 54-58.	0.7	14
124	¹⁸ F-Fluoride Signal Amplification Identifies Microcalcifications Associated With Atherosclerotic Plaque Instability in Positron Emission Tomography/Computed Tomography Images. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007835.	1.3	92
125	High-Sensitivity Cardiac Troponin I and the Diagnosis of Coronary Artery Disease in Patients With Suspected Angina Pectoris. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004227.	0.9	41
126	¹⁸ F-Sodium Fluoride Uptake in Abdominal Aortic Aneurysms. <i>Journal of the American College of Cardiology</i> , 2018, 71, 513-523.	1.2	122

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127	Exacerbations of Chronic Obstructive Pulmonary Disease and Cardiac Events. A Post Hoc Cohort Analysis from the SUMMIT Randomized Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 51-57.	2.5	192
128	Cigarette smoking and response to inhaled corticosteroids in COPD. <i>European Respiratory Journal</i> , 2018, 51, 1701393.	3.1	27
129	PAR4 (Protease-Activated Receptor 4) Antagonism With BMS-986120 Inhibits Human Ex Vivo Thrombus Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 448-456.	1.1	79
130	Computed Tomography Aortic Valve Calcium Scoring in Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007146.	1.3	251
131	High-Sensitivity Cardiac Troponin and the Risk Stratification of Patients With Renal Impairment Presenting With Suspected Acute Coronary Syndrome. <i>Circulation</i> , 2018, 137, 425-435.	1.6	74
132	Diagnostic and prognostic benefits of computed tomography coronary angiography using the 2016 National Institute for Health and Care Excellence guidance within a randomised trial. <i>Heart</i> , 2018, 104, 207-214.	1.2	41
133	Long-Term Outcomes in Patients With Type 2 Myocardial Infarction and Myocardial Injury. <i>Circulation</i> , 2018, 137, 1236-1245.	1.6	250
134	Persistent Long-Term Structural, Functional, and Metabolic Changes After Stress-Induced (Takotsubo) Cardiomyopathy. <i>Circulation</i> , 2018, 137, 1039-1048.	1.6	190
135	¹⁸ F-fluoride and ¹⁸ F-fluorodeoxyglucose positron emission tomography after transient ischaemic attack or minor ischaemic stroke. , 2018, , .		1
136	Feasibility of Coronary ¹⁸ F-Sodium Fluoride Positron-Emission Tomography Assessment With the Utilization of Previously Acquired Computed Tomography Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e008325.	1.3	36
137	Comparison of International Guidelines for Assessment of Suspected Stable Angina. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1301-1310.	2.3	63
138	Psoriasis and Inflammation More Than Skin Deep. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007849.	1.3	5
139	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2018, 379, 924-933.	13.9	898
140	Reduction in radiation exposure in cardiovascular computed tomography imaging: results from the PROspective multicenter registry on radiaTion dose Estimates of cardiac CT angIOgraphy iN daily practice in 2017 (PROTECTION VI). <i>European Heart Journal</i> , 2018, 39, 3715-3723.	1.0	149
141	High-sensitivity troponin in the evaluation of patients with suspected acute coronary syndrome: a stepped-wedge, cluster-randomised controlled trial. <i>Lancet, The</i> , 2018, 392, 919-928.	6.3	263
142	Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007451.	1.3	139
143	Magnetic resonance imaging using ultrasmall superparamagnetic particles of iron oxide for abdominal aortic aneurysm: a risk prediction study. <i>Efficacy and Mechanism Evaluation</i> , 2018, 5, 1-94.	0.9	4
144	Myocardial Fibrosis and Cardiac Decompensation in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1320-1333.	2.3	280

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145	Symptoms and quality of life in patients with suspected angina undergoing CT coronary angiography: a randomised controlled trial. <i>Heart</i> , 2017, 103, 995-1001.	1.2	40
146	Duration of dual antiplatelet therapy in acute coronary syndrome. <i>Heart</i> , 2017, 103, 573-580.	1.2	34
147	Comparative Effectiveness Trials of Imaging-Guided Strategies in Stable Ischemic Heart Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 321-334.	2.3	22
148	Inhaled Nanoparticles Accumulate at Sites of Vascular Disease. <i>ACS Nano</i> , 2017, 11, 4542-4552.	7.3	437
149	Cardiac CT Improves Outcomes in Stable Coronary Heart Disease: Results of Recent Clinical Trials. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 14.	0.4	11
150	Motion-Corrected Imaging of the Aortic Valve with ¹⁸ F-NaF PET/CT and PET/MRI: A Feasibility Study. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1811-1814.	2.8	23
151	Fire Simulation and Cardiovascular Health in Firefighters. <i>Circulation</i> , 2017, 135, 1284-1295.	1.6	62
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243	Diesel exhaust inhalation does not affect heart rhythm or heart rate variability. <i>Heart</i> , 2011, 97, 544-550.	1.2	66
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263	Vascular Effects of Apelin In Vivo in Man. <i>Journal of the American College of Cardiology</i> , 2008, 52, 908-913.	1.2	280
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266	Vascular B1 Kinin Receptors in Patients With Congestive Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 52, 438-444.	0.8	6
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268	Air Pollution and Atherothrombosis. <i>Inhalation Toxicology</i> , 2007, 19, 81-89.	0.8	87
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275	Vascular and fibrinolytic effects of intra-arterial tumour necrosis factor- α in patients with coronary heart disease. <i>Clinical Science</i> , 2006, 110, 353-360.	1.8	10
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278	Can intensive statin therapy cause regression of coronary atherosclerosis?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2006, 3, 354-355.	3.3	4
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280	Direct Vascular Effects of Protease-Activated Receptor Type 1 Agonism In Vivo in Humans. <i>Circulation</i> , 2006, 114, 1625-1632.	1.6	28
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282	Endothelial dysfunction in patients with recent myocardial infarction and hyperhomocysteinaemia: effects of vitamin supplementation. <i>Clinical Science</i> , 2005, 108, 65-72.	1.8	12
283	Role of inflammation in cardiopulmonary health effects of PM. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 483-488.	1.3	125
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285	Diesel Exhaust Inhalation Causes Vascular Dysfunction and Impaired Endogenous Fibrinolysis. <i>Circulation</i> , 2005, 112, 3930-3936.	1.6	549
286	Clots, kinins and coronaries. <i>Atherosclerosis</i> , 2005, 183, 189-198.	0.4	17
287	A Randomized Trial of Intensive Lipid-Lowering Therapy in Calcific Aortic Stenosis. <i>New England Journal of Medicine</i> , 2005, 352, 2389-2397.	13.9	951
288	Neutral Endopeptidase Inhibition Augments Vascular Actions of Bradykinin in Patients Treated With Angiotensin-Converting Enzyme Inhibition. <i>Hypertension</i> , 2004, 44, 913-918.	1.3	60

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290	Non-invasive measures of pulse wave velocity correlate with coronary arterial plaque load in humans. <i>Journal of Hypertension</i> , 2004, 22, 363-368.	0.3	75
291	Acute systemic inflammation enhances endothelium-dependent tissue plasminogen activator release in men. <i>Journal of the American College of Cardiology</i> , 2003, 41, 333-339.	1.2	18
292	Preserved endothelial vasomotion and fibrinolytic function in patients with acute stent thrombosis or in-stent restenosis. <i>Thrombosis Research</i> , 2003, 111, 343-349.	0.8	6
293	Bradykinin Receptor Antagonism and Endothelial Tissue Plasminogen Activator Release in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1667-1670.	1.1	19
294	Influence of differential vascular remodeling on the coronary vasomotor response. <i>Cardiovascular Research</i> , 2003, 59, 520-526.	1.8	13
295	Local tissue factor pathway inhibitor release in the human forearm. <i>Thrombosis and Haemostasis</i> , 2003, 89, 438-445.	1.8	1
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298	Invasive assessment of the coronary circulation: intravascular ultrasound and Doppler. <i>British Journal of Clinical Pharmacology</i> , 2002, 53, 561-575.	1.1	8
299	Repeatability of local forearm vasoconstriction to endothelin-1 measured by venous occlusion plethysmography. <i>British Journal of Clinical Pharmacology</i> , 2002, 54, 386-394.	1.1	16
300	Potential of bradykinin-induced tissue plasminogen activator release by angiotensin-converting enzyme inhibition. <i>Journal of the American College of Cardiology</i> , 2001, 38, 1402-1408.	1.2	45
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302	Effects of acute methionine loading and vitamin C on endogenous fibrinolysis, endothelium-dependent vasomotion and platelet aggregation. <i>Clinical Science</i> , 2001, 100, 127-135.	1.8	15
303	Effects of acute methionine loading and vitamin C on endogenous fibrinolysis, endothelium-dependent vasomotion and platelet aggregation. <i>Clinical Science</i> , 2001, 100, 127.	1.8	11
304	Bradykinin Contributes to the Vasodilator Effects of Chronic Angiotensin-Converting Enzyme Inhibition in Patients With Heart Failure. <i>Circulation</i> , 2001, 104, 2177-2181.	1.6	117
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