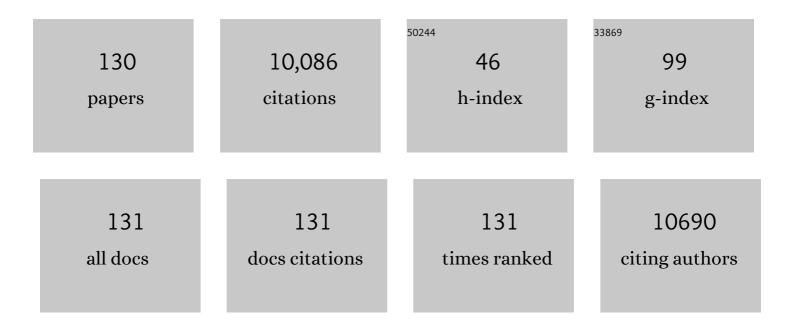
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In Vivo 18F-Fluorodeoxyglucose Positron Emission Tomography Imaging Provides a Noninvasive Measure of Carotid Plaque Inflammation in Patients. Journal of the American College of Cardiology, 2006, 48, 1818-1824.	1.2	846
2	Hyperhomocyst(e)inemia Is Associated With Impaired Endothelium-Dependent Vasodilation in Humans. Circulation, 1997, 95, 1119-1121.	1.6	577
3	Safety and efficacy of dalcetrapib on atherosclerotic disease using novel non-invasive multimodality imaging (dal-PLAQUE): a randomised clinical trial. Lancet, The, 2011, 378, 1547-1559.	6.3	479
4	Sildenafil Improves Exercise Capacity and Quality of Life in Patients With Systolic Heart Failure and Secondary Pulmonary Hypertension. Circulation, 2007, 116, 1555-1562.	1.6	468
5	Relation between resting amygdalar activity and cardiovascular events: a longitudinal and cohort study. Lancet, The, 2017, 389, 834-845.	6.3	442
6	Arterial Inflammation in Patients With HIV. JAMA - Journal of the American Medical Association, 2012, 308, 379.	3.8	411
7	Intensification of Statin Therapy Results in a Rapid Reduction in Atherosclerotic Inflammation. Journal of the American College of Cardiology, 2013, 62, 909-917.	1.2	364
8	Cardiac macrophages promote diastolic dysfunction. Journal of Experimental Medicine, 2018, 215, 423-440.	4.2	314
9	PET/MRI of Inflammation in Myocardial Infarction. Journal of the American College of Cardiology, 2012, 59, 153-163.	1.2	301
10	Feasibility of FDG Imaging of the Coronary Arteries. JACC: Cardiovascular Imaging, 2010, 3, 388-397.	2.3	276
11	Measurement of Arterial Activity on Routine FDG PET/CT Images Improves Prediction of Risk of Future CV Events. JACC: Cardiovascular Imaging, 2013, 6, 1250-1259.	2.3	273
12	Estradiol Therapy Combined With Progesterone and Endothelium-Dependent Vasodilation in Postmenopausal Women. Circulation, 1998, 98, 1158-1163.	1.6	272
13	Noninvasive in vivo measurement of vascular inflammation with F-18 fluorodeoxyglucose positron emission tomography. Journal of Nuclear Cardiology, 2005, 12, 294-301.	1.4	255
14	Imaging Atherosclerosis. Circulation Research, 2016, 118, 750-769.	2.0	215
15	Effects of the high-density lipoprotein mimetic agent CER-001 on coronary atherosclerosis in patients with acute coronary syndromes: a randomized trial. European Heart Journal, 2014, 35, 3277-3286.	1.0	214
16	Splenic Metabolic Activity Predicts Risk ofÂFuture Cardiovascular Events. JACC: Cardiovascular Imaging, 2015, 8, 121-130.	2.3	198
17	Effects of statin therapy on coronary artery plaque volume and high-risk plaque morphology in HIV-infected patients with subclinical atherosclerosis: a randomised, double-blind, placebo-controlled trial. Lancet HIV,the, 2015, 2, e52-e63.	2.1	188
18	Imaging of the Aortic Valve Using Fluorodeoxyglucose Positron Emission Tomography. Journal of the American College of Cardiology, 2011, 57, 2507-2515.	1.2	186

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19	2-deoxy-2-[18F]fluoro-d-mannose positron emission tomography imaging in atherosclerosis. Nature Medicine, 2014, 20, 215-219.	15.2	159
20	HIF-1α and PFKFB3 Mediate a Tight Relationship Between Proinflammatory Activation and Anerobic Metabolism in Atherosclerotic Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1463-1471.	1.1	150
21	Distribution of Inflammation Within Carotid Atherosclerotic Plaques With High-Risk Morphological Features. Circulation: Cardiovascular Imaging, 2012, 5, 69-77.	1.3	148
22	Focal Arterial Inflammation Precedes Subsequent Calcification in the Same Location. Circulation: Cardiovascular Imaging, 2013, 6, 747-754.	1.3	138
23	Effects of p38 Mitogen-Activated Protein Kinase Inhibition on Vascular and Systemic Inflammation in Patients With Atherosclerosis. JACC: Cardiovascular Imaging, 2012, 5, 911-922.	2.3	123
24	Psychosocial Stress and Cardiovascular Disease. Current Treatment Options in Cardiovascular Medicine, 2019, 21, 23.	0.4	113
25	Stress-Associated Neurobiological Pathway Linking Socioeconomic Disparities to Cardiovascular Disease. Journal of the American College of Cardiology, 2019, 73, 3243-3255.	1.2	109
26	High-Dose Atorvastatin Reduces Periodontal Inflammation. Journal of the American College of Cardiology, 2013, 62, 2382-2391.	1.2	103
27	Imaging atherosclerosis with positron emission tomography. European Heart Journal, 2016, 37, 2974-2980.	1.0	99
28	Nonpharmacological Lipoprotein Apheresis Reduces Arterial Inflammation inÂFamilial Hypercholesterolemia. Journal of the American College of Cardiology, 2014, 64, 1418-1426.	1.2	90
29	Disentangling the Links Between Psychosocial Stress and Cardiovascular Disease. Circulation: Cardiovascular Imaging, 2020, 13, e010931.	1.3	90
30	Homocysteine impairs coronary microvascular dilator function in humans. Journal of the American College of Cardiology, 2002, 40, 1051-1058.	1.2	86
31	A neurobiological mechanism linking transportation noise to cardiovascular disease in humans. European Heart Journal, 2020, 41, 772-782.	1.0	84
32	Association Between Cardiovascular Risk Profiles and the Presence and Extent of Different Types of Coronary Atherosclerotic Plaque as Detected by Multidetector Computed Tomography. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 568-574.	1.1	75
33	Effect of Treatment for 12 Weeks With Rilapladib, a Lipoprotein-Associated Phospholipase A2 Inhibitor, on Arterial Inflammation as Assessed With 18F-Fluorodeoxyglucose-Positron Emission Tomography Imaging. Journal of the American College of Cardiology, 2014, 63, 86-88.	1.2	74
34	Imaging Macrophage and Hematopoietic Progenitor Proliferation in Atherosclerosis. Circulation Research, 2015, 117, 835-845.	2.0	72
35	Relationship of Serum Inflammatory Biomarkers With Plaque Inflammation Assessed by FDG PET/CT. JACC: Cardiovascular Imaging, 2013, 6, 1087-1094.	2.3	66
36	Increased Arterial Inflammation Relates to High-Risk Coronary Plaque Morphology in HIV-Infected Patients. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 66, 164-171.	0.9	66

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37	Effects of Antiretroviral Therapy on Immune Function and Arterial Inflammation in Treatment-Naive Patients With Human Immunodeficiency Virus Infection. JAMA Cardiology, 2016, 1, 474.	3.0	66
38	Early aortic valve inflammation precedes calcification: A longitudinal FDG-PET/CT study. Atherosclerosis, 2015, 238, 165-172.	0.4	64
39	The effect of BMS-582949, a P38 mitogen-activated protein kinase (P38 MAPK) inhibitor on arterial inflammation: A multicenter FDG-PET trial. Atherosclerosis, 2015, 240, 490-496.	0.4	63
40	Unraveling Vascular Inflammation. Journal of the American College of Cardiology, 2017, 70, 1403-1412.	1.2	59
41	IL-1β Inhibition Reduces Atherosclerotic Inflammation in HIVÂInfection. Journal of the American College of Cardiology, 2018, 72, 2809-2811.	1.2	59
42	Chronic Stress-Related Neural Activity Associates With Subclinical Cardiovascular Disease in Psoriasis. JACC: Cardiovascular Imaging, 2020, 13, 465-477.	2.3	55
43	Stress-associated neurobiological activity associates with the risk for and timing of subsequent Takotsubo syndrome. European Heart Journal, 2021, 42, 1898-1908.	1.0	54
44	Positron Emission Tomography Measurement of Periodontal 18F-Fluorodeoxyglucose Uptake Is Associated With Histologically Determined Carotid Plaque Inflammation. Journal of the American College of Cardiology, 2011, 57, 971-976.	1.2	50
45	Relationship Between Measures of Adiposity, Arterial Inflammation, and Subsequent Cardiovascular Events. Circulation: Cardiovascular Imaging, 2016, 9, e004043.	1.3	50
46	Association of Arterial and Lymph Node Inflammation With Distinct Inflammatory Pathways in Human Immunodeficiency Virus Infection. JAMA Cardiology, 2017, 2, 163.	3.0	50
47	Inflammation of the periodontium associates with risk of future cardiovascular events. Journal of Periodontology, 2021, 92, 348-358.	1.7	48
48	A phase 2 randomized, double-blind, placebo-controlled study of the effect of VIA-2291, a 5-lipoxygenase inhibitor, on vascular inflammation in patients after an acute coronary syndrome. Atherosclerosis, 2015, 240, 53-60.	0.4	47
49	Coronary Plaque Morphology and the Anti-Inflammatory Impact of Atorvastatin. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	46
50	Does Vascular Calcification AccelerateÂInflammation?. Journal of the American College of Cardiology, 2016, 67, 69-78.	1.2	46
51	Comparison of Exercise Treadmill Testing With Cardiac Computed Tomography Angiography Among Patients Presenting to the Emergency Room With Chest Pain. Circulation: Cardiovascular Imaging, 2012, 5, 233-242.	1.3	43
52	Contrast-Enhanced Ultrasound: A Novel Noninvasive, Nonionizing Method for the Detection of Brown Adipose Tissue in Humans. Journal of the American Society of Echocardiography, 2015, 28, 1247-1254.	1.2	43
53	Safety and Impact of Low-dose Methotrexate on Endothelial Function and Inflammation in Individuals With Treated Human Immunodeficiency Virus: AIDS Clinical Trials Group Study A5314. Clinical Infectious Diseases, 2019, 68, 1877-1886.	2.9	42
54	High-Dose Folic Acid Acutely Improves Coronary Vasodilator Function in Patients With Coronary Artery Disease. Journal of the American College of Cardiology, 2005, 45, 1580-1584.	1.2	41

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55	¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Enables the Detection of Recurrent Same-Site Deep Vein Thrombosis by Illuminating Recently Formed, Neutrophil-Rich Thrombus. Circulation, 2014, 130, 1044-1052.	1.6	40
56	New Opportunities for Identification and Reduction of Coronary Risk. Journal of the American College of Cardiology, 2006, 47, C2-C6.	1.2	38
57	Single Resting hsTnT Level Predicts Abnormal Myocardial Stress Test in Acute Chest Pain Patients With Normal Initial Standard Troponin. JACC: Cardiovascular Imaging, 2013, 6, 72-82.	2.3	38
58	A leucopoietic-arterial axis underlying the link between ambient air pollution and cardiovascular disease in humans. European Heart Journal, 2021, 42, 761-772.	1.0	36
59	Supraclavicular Brown Adipose Tissue ¹⁸ F-FDG Uptake and Cardiovascular Disease. Journal of Nuclear Medicine, 2016, 57, 1221-1225.	2.8	35
60	Imaging of Coronary Inflammation with FDG-PET: Feasibility and Clinical Hurdles. Current Cardiology Reports, 2011, 13, 138-144.	1.3	33
61	Nonobstructive Coronary Artery Disease by Coronary CT Angiography ImprovesÂRisk Stratification and AllocationÂof StatinÂTherapy. JACC: Cardiovascular Imaging, 2017, 10, 1031-1038.	2.3	32
62	Arterial 18F-FDG Uptake inÂRheumatoid Arthritis Correlates With Synovial Activity. JACC: Cardiovascular Imaging, 2014, 7, 959-960.	2.3	31
63	Direct effect of ethanol on human vascular function. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H2468-H2473.	1.5	30
64	Inflammation and Fibrosis in HIV. Circulation: Cardiovascular Imaging, 2016, 9, e004427.	1.3	30
65	Diagnostic performance of 18F-FDG PET/contrast-enhanced CT versus contrast-enhanced CT alone for post-treatment detection of ovarian malignancy. Nuclear Medicine Communications, 2016, 37, 453-460.	0.5	29
66	Atherosclerosis: Recent trials, new targets and future directions. International Journal of Cardiology, 2015, 192, 72-81.	0.8	28
67	Heart–brain interactions in cardiac and brain diseases: why sex matters. European Heart Journal, 2022, 43, 3971-3980.	1.0	28
68	Evidence of reduced resting blood flow in viable myocardial regions with chronic asynergy. Journal of the American College of Cardiology, 2000, 36, 2146-2153.	1.2	26
69	Arterial inflammation in bronchial asthma. Journal of Nuclear Cardiology, 2013, 20, 385-395.	1.4	26
70	Predictors of change in carotid atherosclerotic plaque inflammation and burden as measured by 18-FDG-PET and MRI, respectively, in the dal-PLAQUE study. International Journal of Cardiovascular Imaging, 2014, 30, 571-582.	0.7	25
71	Metabolic and Molecular Imaging of Atherosclerosis and Venous Thromboembolism. Journal of Nuclear Medicine, 2017, 58, 871-877.	2.8	25
72	Amygdalar activity predicts future incident diabetes independently of adiposity. Psychoneuroendocrinology, 2019, 100, 32-40.	1.3	24

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73	A Comprehensive Electrocardiogram-Gated 64-Slice Multidetector Computed Tomography Imaging Protocol to Visualize the Coronary Arteries, Thoracic Aorta, and Pulmonary Vasculature in a Single Breath Hold. Journal of Computer Assisted Tomography, 2009, 33, 225-232.	0.5	23
74	Impact of Mitral Regurgitation on Exercise Capacity and Clinical Outcomes in Patients With Ischemic Left Ventricular Dysfunction. American Journal of Cardiology, 2011, 108, 1714-1720.	0.7	22
75	Short-term changes in arterial inflammation predict long-term changes in atherosclerosis progression. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 141-150.	3.3	22
76	SARS-CoV-2 morbidity and mortality in racial/ethnic minority populations: A window into the stress related inflammatory basis of health disparities?. Brain, Behavior, & Immunity - Health, 2020, 9, 100158.	1.3	22
77	Time-Restricted Salutary Effects of Blood Flow Restoration on Venous Thrombosis and Vein Wall Injury in Mouse and Human Subjects. Circulation, 2021, 143, 1224-1238.	1.6	21
78	Treatment with a human recombinant monoclonal IgG antibody against oxidized LDL in atherosclerosis-prone pigs reduces cathepsin S in coronary lesions. International Journal of Cardiology, 2016, 215, 506-515.	0.8	20
79	Periodontal Disease Associates With Arterial Inflammation Via Potentiation of a Hematopoietic-Arterial Axis. JACC: Cardiovascular Imaging, 2019, 12, 2271-2273.	2.3	19
80	Effects of sildenafil on myocardial blood flow in humans with ischemic heart disease. Coronary Artery Disease, 2005, 16, 443-449.	0.3	18
81	Intravascular detection of inflamed atherosclerotic plaques using a fluorescent photosensitizer targeted to the scavenger receptor. Photochemical and Photobiological Sciences, 2008, 7, 33-39.	1.6	18
82	Complementary Value of Cardiac FDG PET and CT for the Characterization of Atherosclerotic Disease. Radiographics, 2011, 31, 1255-1269.	1.4	16
83	Photosensitizer delivery to vulnerable atherosclerotic plaque: comparison of macrophage-targeted conjugate versus free chlorine(e6). Journal of Biomedical Optics, 2006, 11, 021008.	1.4	15
84	Aortic distensibility and its relationship to coronary and thoracic atherosclerosis plaque and morphology by MDCT: Insights from the ROMICAT Trial. International Journal of Cardiology, 2013, 167, 1616-1621.	0.8	15
85	Molecular imaging of atherosclerosis with integrated PET imaging. Journal of Nuclear Cardiology, 2017, 24, 938-943.	1.4	15
86	Brachial Artery Echogenicity and Grayscale Texture Changes in HIV-Infected Individuals Receiving Low-Dose Methotrexate. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2870-2878.	1.1	15
87	Amygdalar Metabolic Activity Independently Associates With Progression of Visceral Adiposity. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1029-1038.	1.8	15
88	Myocardial blood flow and oxygen consumption in patients with Friedreich's ataxia prior to the onset of cardiomyopathy. Coronary Artery Disease, 2007, 18, 15-22.	0.3	14
89	Noninvasive imaging of arterial inflammation using FDG-PET/CT. Current Opinion in Lipidology, 2014, 25, 431-437.	1.2	13
90	Atrial fibrillation is associated with hematopoietic tissue activation and arterial inflammation. International Journal of Cardiovascular Imaging, 2016, 32, 113-119.	0.7	12

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91	Imaging the Intersection of Oxidative Stress, Lipids, and Inflammation. Journal of the American College of Cardiology, 2018, 71, 336-338.	1.2	12
92	Multimodality molecular imaging: Gaining insights into the mechanisms linking chronic stress to cardiovascular disease. Journal of Nuclear Cardiology, 2021, 28, 955-966.	1.4	12
93	Chronic Stress-Related Neural Activity Associates With Subclinical Cardiovascular Disease in a Community-Based Cohort: Data From the Washington, D.C. Cardiovascular Health and Needs Assessment. Frontiers in Cardiovascular Medicine, 2021, 8, 599341.	1.1	12
94	Steroid Exposure, Acute Coronary Syndrome, and Inflammatory Bowel Disease: Insights into the Inflammatory Milieu. American Journal of Medicine, 2015, 128, 303-311.	0.6	11
95	FDG PET/CT Imaging of Carotid Atherosclerosis. Neuroimaging Clinics of North America, 2016, 26, 45-54.	0.5	11
96	Greater Neurobiological Resilience to Chronic Socioeconomic or Environmental Stressors Associates With Lower Risk for Cardiovascular Disease Events. Circulation: Cardiovascular Imaging, 2020, 13, e010337.	1.3	11
97	A neurobiological link between transportation noise exposure and metabolic disease in humans. Psychoneuroendocrinology, 2021, 131, 105331.	1.3	10
98	Molecular Imaging of Atherosclerosis: a Clinical Focus. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.4	9
99	Association of Socioeconomic Status and Infarct Volume With Functional Outcome in Patients With Ischemic Stroke. JAMA Network Open, 2022, 5, e229178.	2.8	9
100	Joint cardiac and respiratory motion correction and super-resolution reconstruction in coronary PET/CT. , 2011, , .		8
101	Myocardial flow regulation in people with mitochondrial myopathy, encephalopathy, lactic acidosis, stroke-like episodes/myoclonic epilepsy and ragged red fibers and other mitochondrial syndromes. Coronary Artery Disease, 2003, 14, 197-205.	0.3	7
102	Imaging High-Risk Atherosclerotic Plaques with PET. Current Treatment Options in Cardiovascular Medicine, 2016, 18, 76.	0.4	6
103	Evolving Use of Molecular Imaging in Research and in Practice. Arthritis and Rheumatology, 2019, 71, 1207-1210.	2.9	5
104	A feasibility study of joint respiratory and cardiac motion correction for coronary PET/CT imaging. , 2009, , .		4
105	Optical molecular imaging in atherosclerosis. Journal of Nuclear Cardiology, 2010, 17, 135-144.	1.4	4
106	Imaging atherosclerotic burden and inflammation: Insights into the spectrum of atherosclerotic disease in HIV. Journal of Nuclear Cardiology, 2015, 22, 381-384.	1.4	4
107	Molecular Imaging of Atheroma. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	4
108	Imaging Apoptosis in Atherosclerosis. Journal of the American College of Cardiology, 2020, 76, 1875-1877.	1.2	4

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109	Drug-loaded particles: "Trojan horses―in the therapy of atherosclerosis. Atherosclerosis, 2016, 251, 528-530.	0.4	3
110	Early Detection of Cardiac Allograft Vasculopathy and Long-Term Risk AfterÂHeart Transplantation â^—. Journal of the American College of Cardiology, 2016, 68, 393-395.	1.2	3
111	Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Imaging Predicts Vein Wall Scarring and Statin Benefit in Murine Venous Thrombosis. Circulation: Cardiovascular Imaging, 2021, 14, e011898.	1.3	3
112	Imaging High-Risk Atherothrombosis Using a Novel Fibrin-Binding Positron Emission Tomography Probe. Stroke, 2022, 53, 595-604.	1.0	3
113	Imaging the Coronary Artery Plaque: Approaches, Advances, and Challenges. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.4	2
114	PET/MR Imaging of Atherosclerosis. JACC: Cardiovascular Imaging, 2018, 11, 302-304.	2.3	2
115	Advances in cardiac PET/MR imaging: Facilitating cutting-edge structural and biological phenotyping of the cardiovascular system. Journal of Nuclear Cardiology, 2021, 28, 2026-2029.	1.4	2
116	A vessel of progress: Aortic microcalcification activity for the quantification of 18F-NaF uptake in the thoracic aorta. Journal of Nuclear Cardiology, 2022, 29, 1386-1388.	1.4	2
117	Molecular PET and CT Imaging of Inflammation and Metabolism in Atherosclerosis. Current Cardiovascular Imaging Reports, 2010, 3, 92-98.	0.4	1
118	Noninvasive Tissue Characterization of Post-Infarction Myocardium. JACC: Cardiovascular Imaging, 2018, 11, 1257-1259.	2.3	1
119	A Care Management Intervention for Noncardiac Chest Pain. primary care companion for CNS disorders, The, 2022, 24, .	0.2	1
120	Molecular Imaging in Acute AorticÂSyndrome. JACC: Cardiovascular Imaging, 2022, , .	2.3	1
121	Response to Letter Regarding Article, " ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Enables the Detection of Recurrent Same-Site Deep Vein Thrombosis by Illuminating Recently Formed, Neutrophil-Rich Thrombus― Circulation, 2015, 131, e531-2.	1.6	Ο
122	Penile Artery 18F-NaF Uptake andÂErectileÂDysfunction. Journal of the American College of Cardiology, 2019, 73, 1395-1397.	1.2	0
123	Advances in coronary molecular imaging: Leveraging the power of image processing. Journal of Nuclear Cardiology, 2020, 27, 505-507.	1.4	0
124	Multiparametric Molecular Imaging of Atherosclerosis. Circulation: Cardiovascular Imaging, 2020, 13, e010494.	1.3	0
125	Clinical Molecular Imaging of Inflammation and Calcification in Atherosclerosis. , 2021, , 513-530.		0
126	Tissue Characterization With CMR and Adverse Cardiac Events Among PersonsÂWith HIV. JACC: Cardiovascular Imaging, 2021, 14, 1558-1560.	2.3	0

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127	Henry Gewirtz, MD (1945-2021). Journal of Nuclear Cardiology, 2021, 28, 796-799.	1.4	0
128	Abstract 15567: Increased Visceral Fat Volume is Associated With Aortic Inflammation and Cardiovascular Events. Circulation, 2015, 132, .	1.6	0
129	Evidence of an anti-inflammatory effect of statins in people living with HIV. Journal of Nuclear Cardiology, 2022, 29, 3069-3071.	1.4	Ο
130	Multimodal Imaging Insights Into GraftÂVasculopathy and Progression of Native CAD Following CABG. JACC: Cardiovascular Imaging, 2022, 15, 888-890.	2.3	0