

# Udo Hoffmann

## List of Publications by Citations

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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.

186 papers	6,757 citations	42 h-index	76 g-index
201 ext. papers	9,032 ext. citations	7.8 avg, IF	5.83 L-index

#	Paper	IF	Citations
186	Coronary CT angiography versus standard evaluation in acute chest pain. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 299-308	59.2	614
185	Noninvasive assessment of plaque morphology and composition in culprit and stable lesions in acute coronary syndrome and stable lesions in stable angina by multidetector computed tomography. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1655-62	15.1	453
184	Predictive value of 16-slice multidetector spiral computed tomography to detect significant obstructive coronary artery disease in patients at high risk for coronary artery disease: patient-versus segment-based analysis. <i>Circulation</i> , <b>2004</b> , 110, 2638-43	16.7	350
183	Comprehensive plaque assessment by coronary CT angiography. <i>Nature Reviews Cardiology</i> , <b>2014</b> , 11, 390-402	14.8	222
182	Diagnostic accuracy of stress myocardial perfusion imaging compared to invasive coronary angiography with fractional flow reserve meta-analysis. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	211
181	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 672-81	27.4	209
180	Prognostic Value of Noninvasive Cardiovascular Testing in Patients With Stable Chest Pain: Insights From the PROMISE Trial (Prospective Multicenter Imaging Study for Evaluation of Chest Pain). <i>Circulation</i> , <b>2017</b> , 135, 2320-2332	16.7	196
179	Use of High-Risk Coronary Atherosclerotic Plaque Detection for Risk Stratification of Patients With Stable Chest Pain: A Secondary Analysis of the PROMISE Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 144-152	16.2	160
178	Cardiovascular Toxicity of Illicit Anabolic-Androgenic Steroid Use. <i>Circulation</i> , <b>2017</b> , 135, 1991-2002	16.7	139
177	Defining normal distributions of coronary artery calcium in women and men (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2008</b> , 102, 1136-41, 1141.e1	3	124
176	Hepatic steatosis and cardiovascular disease outcomes: An analysis of the Framingham Heart Study. <i>Journal of Hepatology</i> , <b>2015</b> , 63, 470-6	13.4	119
175	Prognostic Value of Coronary Artery Calcium in the PROMISE Study (Prospective Multicenter Imaging Study for Evaluation of Chest Pain). <i>Circulation</i> , <b>2017</b> , 136, 1993-2005	16.7	117
174	Sugar-sweetened beverage, diet soda, and fatty liver disease in the Framingham Heart Study cohorts. <i>Journal of Hepatology</i> , <b>2015</b> , 63, 462-9	13.4	112
173	Association of Changes in Abdominal Fat Quantity and Quality With Incident Cardiovascular Disease Risk Factors. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 1509-21	15.1	112
172	Cardiovascular Event Prediction and Risk Reclassification by Coronary, Aortic, and Valvular Calcification in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	101
171	Guideline-Based Statin Eligibility, Coronary Artery Calcification, and Cardiovascular Events. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 314, 134-41	27.4	97
170	Coronary CT angiography. <i>Journal of Nuclear Medicine</i> , <b>2006</b> , 47, 797-806	8.9	96

169	SCCT guidelines on the use of coronary computed tomographic angiography for patients presenting with acute chest pain to the emergency department: a report of the Society of Cardiovascular Computed Tomography Guidelines Committee. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2014</b> , 8, 254-71	2.8	95
168	Bi-directional analysis between fatty liver and cardiovascular disease risk factors. <i>Journal of Hepatology</i> , <b>2017</b> , 66, 390-397	13.4	91
167	Association Between Immune Checkpoint Inhibitors With Cardiovascular Events and Atherosclerotic Plaque. <i>Circulation</i> , <b>2020</b> , 142, 2299-2311	16.7	85
166	Magnesium intake is inversely associated with coronary artery calcification: the Framingham Heart Study. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 59-69	8.4	80
165	SUN-052 Low Vitamin D Is Associated with Coronary Atherosclerosis in Women with HIV. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3,	0.4	78
164	PROspective Multicenter Imaging Study for Evaluation of chest pain: rationale and design of the PROMISE trial. <i>American Heart Journal</i> , <b>2014</b> , 167, 796-803.e1	4.9	76
163	Improved Diet Quality Associates With Reduction in Liver Fat, Particularly in Individuals With High Genetic Risk Scores for Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , <b>2018</b> , 155, 107-117	13.3	67
162	Late gadolinium enhancement among survivors of sudden cardiac arrest. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 414-423	8.4	65
161	Characterization of the Changes in Cardiac Structure and Function in Mice Treated With Anthracyclines Using Serial Cardiac Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	59
160	Rationale and design of the Randomized Trial to Prevent Vascular Events in HIV (REPRIEVE). <i>American Heart Journal</i> , <b>2019</b> , 212, 23-35	4.9	58
159	Extracellular RNAs Are Associated With Insulin Resistance and Metabolic Phenotypes. <i>Diabetes Care</i> , <b>2017</b> , 40, 546-553	14.6	56
158	Anomalous origin of the coronary artery arising from the opposite sinus: prevalence and outcomes in patients undergoing coronary CTA. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 224-235	4.1	55
157	Anatomical and Functional Computed Tomography for Diagnosing Hemodynamically Significant Coronary Artery Disease: A Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1316-1325	8.4	55
156	Pretest probability for patients with suspected obstructive coronary artery disease: re-evaluating Diamond-Forrester for the contemporary era and clinical implications: insights from the PROMISE trial. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 574-581	4.1	51
155	Sex Differences in Functional and CT Angiography Testing in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2607-16	15.1	50
154	Sugar-Sweetened Beverage Consumption Is Associated With Change of Visceral Adipose Tissue Over 6 Years of Follow-Up. <i>Circulation</i> , <b>2016</b> , 133, 370-7	16.7	50
153	Visceral and Intrahepatic Fat Are Associated with Cardiometabolic Risk Factors Above Other Ectopic Fat Depots: The Framingham Heart Study. <i>American Journal of Medicine</i> , <b>2018</b> , 131, 684-692.e12	2.4	49
152	Association of Coronary Artery Calcium Score vs Age With Cardiovascular Risk in Older Adults: An Analysis of Pooled Population-Based Studies. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 986-994	16.2	49

151	Early aortic valve inflammation precedes calcification: a longitudinal FDG-PET/CT study. <i>Atherosclerosis</i> , <b>2015</b> , 238, 165-72	3.1	46
150	Sublingual Nitroglycerin Administration in Coronary Computed Tomography Angiography: a Systematic Review. <i>European Radiology</i> , <b>2015</b> , 25, 3536-42	8	46
149	HDAC9 is implicated in atherosclerotic aortic calcification and affects vascular smooth muscle cell phenotype. <i>Nature Genetics</i> , <b>2019</b> , 51, 1580-1587	36.3	45
148	Identification of Patients With Stable Chest Pain Deriving Minimal Value From Noninvasive Testing: The PROMISE Minimal-Risk Tool, A Secondary Analysis of a Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 400-408	16.2	44
147	Perivascular Epicardial Fat Stranding at Coronary CT Angiography: A Marker of Acute Plaque Rupture and Spontaneous Coronary Artery Dissection. <i>Radiology</i> , <b>2018</b> , 287, 808-815	20.5	43
146	Incremental prognostic value of coronary artery calcium score versus CT angiography among symptomatic patients without known coronary artery disease. <i>Atherosclerosis</i> , <b>2014</b> , 233, 190-5	3.1	43
145	Deep Learning to Assess Long-term Mortality From Chest Radiographs. <i>JAMA Network Open</i> , <b>2019</b> , 2, e197416	10.4	42
144	Cardiac CT in emergency department patients with acute chest pain. <i>Radiographics</i> , <b>2006</b> , 26, 963-78; discussion 979-80	5.4	42
143	Radiomics versus Visual and Histogram-based Assessment to Identify Atheromatous Lesions at Coronary CT Angiography: An ex Vivo Study. <i>Radiology</i> , <b>2019</b> , 293, 89-96	20.5	40
142	Cardiology patient page. Use of new imaging techniques to screen for coronary artery disease. <i>Circulation</i> , <b>2003</b> , 108, e50-3	16.7	37
141	Effects of combined low-density lipoprotein apheresis and aggressive statin therapy on coronary calcified plaque as measured by computed tomography. <i>American Journal of Cardiology</i> , <b>2003</b> , 91, 461-4 <sup>3</sup>		36
140	Contrast volume reduction using third generation dual source computed tomography for the evaluation of patients prior to transcatheter aortic valve implantation. <i>European Radiology</i> , <b>2016</b> , 26, 4497-4504	8	35
139	Liver Fat Is Associated With Markers of Inflammation and Oxidative Stress in Analysis of Data From the Framingham Heart Study. <i>Clinical Gastroenterology and Hepatology</i> , <b>2019</b> , 17, 1157-1164.e4	6.9	34
138	Use of coronary artery calcium scanning beyond coronary computed tomographic angiography in the emergency department evaluation for acute chest pain: the ROMICAT II trial. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	32
137	Limitations of risk score models in patients with acute chest pain. <i>American Journal of Emergency Medicine</i> , <b>2009</b> , 27, 43-48	2.9	32
136	Cost-effectiveness of follow-up of pulmonary nodules incidentally detected on cardiac computed tomographic angiography in patients with suspected coronary artery disease. <i>Circulation</i> , <b>2014</b> , 130, 668-75	16.7	31
135	Coronary Computed Tomography Angiography From Clinical Uses to Emerging Technologies: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1226-1243	15.1	31
134	Incorporating Coronary Calcification Into Pre-Test Assessment of the Likelihood of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2421-2432	15.1	30

133	Design of the Rule Out Myocardial Ischemia/Infarction Using Computer Assisted Tomography: a multicenter randomized comparative effectiveness trial of cardiac computed tomography versus alternative triage strategies in patients with acute chest pain in the emergency department. <i>American Heart Journal</i> , <b>2012</b> , 163, 330-8, 338.e1	4.9	30
132	QCT Volumetric Bone Mineral Density and Vascular and Valvular Calcification: The Framingham Study. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1767-74	6.3	29
131	Development and Validation of the Framingham Steatosis Index to Identify Persons With Hepatic Steatosis. <i>Clinical Gastroenterology and Hepatology</i> , <b>2016</b> , 14, 1172-1180.e2	6.9	29
130	Stress Testing Versus CT Angiography in Patients With Diabetes and Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 893-902	15.1	28
129	Subclinical Atherosclerosis, Statin Eligibility, and Outcomes in African American Individuals: The Jackson Heart Study. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 644-652	16.2	27
128	Deep convolutional neural networks to predict cardiovascular risk from computed tomography. <i>Nature Communications</i> , <b>2021</b> , 12, 715	17.4	27
127	Upper Body Subcutaneous Fat Is Associated with Cardiometabolic Risk Factors. <i>American Journal of Medicine</i> , <b>2017</b> , 130, 958-966.e1	2.4	26
126	Computed tomography-based fat and muscle characteristics are associated with mortality after transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 223-228	2.8	26
125	Quality-of-Life Outcomes With Anatomic Versus Functional Diagnostic Testing Strategies in Symptomatic Patients With Suspected Coronary Artery Disease: Results From the PROMISE Randomized Trial. <i>Circulation</i> , <b>2016</b> , 133, 1995-2007	16.7	26
124	Effect of Wall Elasticity on Hemodynamics and Wall Shear Stress in Patient-Specific Simulations in the Coronary Arteries. <i>Journal of Biomechanical Engineering</i> , <b>2020</b> , 142,	2.1	26
123	Cross-Sectional Associations of Computed Tomography (CT)-Derived Adipose Tissue Density and Adipokines: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e002545	6	25
122	Sugar-sweetened beverage consumption is associated with abdominal fat partitioning in healthy adults. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 1283-90	4.1	25
121	Relationship of thoracic fat depots with coronary atherosclerosis and circulating inflammatory biomarkers. <i>Obesity</i> , <b>2015</b> , 23, 1178-84	8	25
120	The External Validity of Prediction Models for the Diagnosis of Obstructive Coronary Artery Disease in Patients With Stable Chest Pain: Insights From the PROMISE Trial. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 437-446	8.4	24
119	Association of Left Anterior Descending Coronary Artery Radiation Dose With Major Adverse Cardiac Events and Mortality in Patients With Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , <b>2021</b> , 7, 206-219	13.4	24
118	Relations of Liver Fat With Prevalent and Incident Atrial Fibrillation in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	23
117	Changes in Medical Therapy and Lifestyle After Anatomical or Functional Testing for Coronary Artery Disease. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	23
116	Adipose Tissue Depots and Their Cross-Sectional Associations With Circulating Biomarkers of Metabolic Regulation. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	23

115	Obesity, metabolic syndrome and cardiovascular prognosis: from the Partners coronary computed tomography angiography registry. <i>Cardiovascular Diabetology</i> , <b>2017</b> , 16, 14	8.7	22
114	Sensitive troponin assays in patients with suspected acute coronary syndrome: Results from the multicenter rule out myocardial infarction using computer assisted tomography II trial. <i>American Heart Journal</i> , <b>2015</b> , 169, 572-8.e1	4.9	22
113	Prognostic Value of Coronary CTA in Stable Chest Pain: CAD-RADS, CAC, and Cardiovascular Events in PROMISE. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1534-1545	8.4	22
112	Relation of Pericardial Fat, Intrathoracic Fat, and Abdominal Visceral Fat With Incident Atrial Fibrillation (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1486-1492	3	22
111	High-Sensitivity Troponin I and Coronary Computed Tomography in Symptomatic Outpatients With Suspected CAD: Insights From the PROMISE Trial. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1047-1055	8.4	22
110	Clinical implementation of an emergency department coronary computed tomographic angiography protocol for triage of patients with suspected acute coronary syndrome. <i>European Radiology</i> , <b>2017</b> , 27, 2784-2793	8	21
109	Rationale and design of the Mechanistic Substudy of the Randomized Trial to Prevent Vascular Events in HIV (REPRIEVE): Effects of pitavastatin on coronary artery disease and inflammatory biomarkers. <i>American Heart Journal</i> , <b>2019</b> , 212, 1-12	4.9	21
108	Coronary CT angiography in the emergency department utilizing second and third generation dual source CT. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 249-257	2.8	20
107	Association of Hepatic Steatosis With Major Adverse Cardiovascular Events, Independent of Coronary Artery Disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2021</b> , 19, 1480-1488.e14	6.9	20
106	Single-Molecule hsTnI and Short-Term Risk in Stable Patients With Chest Pain. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 251-260	15.1	19
105	ACR Appropriateness Criteria( ) acute nonspecific chest pain-low probability of coronary artery disease. <i>Journal of the American College of Radiology</i> , <b>2012</b> , 9, 745-50	3.5	19
104	CAD-RADS - a new clinical decision support tool for coronary computed tomography angiography. <i>European Radiology</i> , <b>2018</b> , 28, 1365-1372	8	19
103	Deep Learning Using Chest Radiographs to Identify High-Risk Smokers for Lung Cancer Screening Computed Tomography: Development and Validation of a Prediction Model. <i>Annals of Internal Medicine</i> , <b>2020</b> , 173, 704-713	8	18
102	Thyroid function and cardiovascular disease risk factors in euthyroid adults: a cross-sectional and longitudinal study. <i>Clinical Endocrinology</i> , <b>2016</b> , 85, 932-941	3.4	18
101	Quantifying the effect of side branches in endothelial shear stress estimates. <i>Atherosclerosis</i> , <b>2016</b> , 251, 213-218	3.1	17
100	Renal artery calcium, cardiovascular risk factors, and indexes of renal function. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 156-61	3	17
99	Relations of liver fat with prevalent and incident chronic kidney disease in the Framingham Heart Study: A secondary analysis. <i>Liver International</i> , <b>2019</b> , 39, 1535-1544	7.9	16
98	Guideline-Based Statin Eligibility, Cancer Events, and Noncardiovascular Mortality in the Framingham Heart Study. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 2927-2933	2.2	16



97	Is computed tomography coronary angiography the most accurate and effective noninvasive imaging tool to evaluate patients with acute chest pain in the emergency department?: CT coronary angiography is the most accurate and effective noninvasive imaging tool for evaluating patients presenting with chest pain to the emergency department. <i>Circulation: Cardiovascular Imaging</i> , <b>2009</b> ,	3.9	16
96	Alcohol Use Is Associated With Hepatic Steatosis Among Persons With Presumed Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 1831-1841.e5	6.9	16
95	Trials of Imaging Use in the Emergency Department for Acute Chest Pain. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 338-349	8.4	15
94	Association of Multiorgan Computed Tomographic Phenomap With Adverse Cardiovascular Health Outcomes: The Framingham Heart Study. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 1236-1246	16.2	15
93	Coronary CT Angiography Versus Standard Emergency Department Evaluation for Acute Chest Pain and Diabetic Patients: Is There Benefit With Early Coronary CT Angiography? Results of the Randomized Comparative Effectiveness ROMICAT II Trial. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e003137	6	15
92	Incidental Statin Use and the Risk of Stroke or Transient Ischemic Attack after Radiotherapy for Head and Neck Cancer. <i>Journal of Stroke</i> , <b>2018</b> , 20, 71-79	5.6	15
91	A simple clinical model predicts incident hepatic steatosis in a community-based cohort: The Framingham Heart Study. <i>Liver International</i> , <b>2018</b> , 38, 1495-1503	7.9	14
90	Utility of dual-source computed tomography in cardiac resynchronization therapy-DIRECT study. <i>Heart Rhythm</i> , <b>2018</b> , 15, 1206-1213	6.7	14
89	Human Papillomavirus Status and the Risk of Cerebrovascular Events Following Radiation Therapy for Head and Neck Cancer. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	14
88	The Association between Non-Invasive Hepatic Fibrosis Markers and Cardiometabolic Risk Factors in the Framingham Heart Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157517	3.7	14
87	Effect of Late Gadolinium Enhancement on the Recovery of Left Ventricular Systolic Function After Pulmonary Vein Isolation. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	14
86	Quantitative coronary plaque analysis predicts high-risk plaque morphology on coronary computed tomography angiography: results from the ROMICAT II trial. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 311-319	2.5	13
85	Secondary Interpretation of CT Examinations: Frequency and Payment in the Medicare Fee-for-Service Population. <i>Journal of the American College of Radiology</i> , <b>2016</b> , 13, 1096-101	3.5	13
84	Lung Cancer Screening Eligibility in the Community: Cardiovascular Risk Factors, Coronary Artery Calcification, and Cardiovascular Events. <i>Circulation</i> , <b>2016</b> , 134, 897-9	16.7	13
83	Prognostic value of coronary CTA vs. exercise treadmill testing: results from the Partners registry. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 1338-46	4.1	13
82	Incremental prognostic value of kidney function decline over coronary artery disease for cardiovascular event prediction after coronary computed tomography. <i>Kidney International</i> , <b>2015</b> , 88, 152-9	9.9	13
81	Age-Related Differences in the Noninvasive Evaluation for Possible Coronary Artery Disease: Insights From the Prospective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE) Trial. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 193-201	16.2	13
80	Impact of Coronary Calcification on Clinical Management in Patients With Acute Chest Pain. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	12

79	Coronary CTA using scout-based automated tube potential and current selection algorithm, with breast displacement results in lower radiation exposure in females compared to males. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2014</b> , 4, 470-9	2.6	12
78	Leveraging a Landmark Trial of Primary Cardiovascular Disease Prevention in Human Immunodeficiency Virus: Introduction From the REPRIEVE Coprincipal Investigators. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, S1-S7	7	12
77	Parental non-alcoholic fatty liver disease increases risk of non-alcoholic fatty liver disease in offspring. <i>Liver International</i> , <b>2019</b> , 39, 740-747	7.9	12
76	Relation of Risk Factors and Abdominal Aortic Calcium to Progression of Coronary Artery Calcium (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1584-1589	3	11
75	Residential proximity to major roads, exposure to fine particulate matter and aortic calcium: the Framingham Heart Study, a cohort study. <i>BMJ Open</i> , <b>2017</b> , 7, e013455	3	11
74	Cardiac computed tomography for the evaluation of the acute chest pain syndrome: state of the art. <i>Radiologic Clinics of North America</i> , <b>2015</b> , 53, 297-305	2.3	11
73	Multicenter Evaluation Of Coronary Dual-Source CT angiography in patients with intermediate Risk of Coronary Artery Stenoses (MEDIC): study design and rationale. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2014</b> , 8, 183-8	2.8	11
72	Preventive Management of Nonobstructive CAD After Coronary CT Angiography in the Emergency Department. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 437-448	8.4	11
71	An age- and sex-specific gene expression score is associated with revascularization and coronary artery disease: Insights from the Prospective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE) trial. <i>American Heart Journal</i> , <b>2017</b> , 184, 133-140	4.9	10
70	Iterative Image Reconstruction Improves the Accuracy of Automated Plaque Burden Assessment in Coronary CT Angiography: A Comparison With Intravascular Ultrasound. <i>American Journal of Roentgenology</i> , <b>2017</b> , 208, 777-784	5.4	10
69	Radiomics of Coronary Artery Calcium in the Framingham Heart Study. <i>Radiology: Cardiothoracic Imaging</i> , <b>2020</b> , 2, e190119	8.3	10
68	Increased Aortic Diameters on Multidetector Computed Tomographic Scan Are Independent Predictors of Incident Adverse Cardiovascular Events: The Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	10
67	Hepatic steatosis is associated with lower levels of physical activity measured via accelerometry. <i>Obesity</i> , <b>2015</b> , 23, 1259-66	8	10
66	Predictive Model for High-Risk Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2019</b> , 12, e007940	3.9	9
65	MRI-based assessment and characterization of epicardial and paracardial fat depots in the context of impaired glucose metabolism and subclinical left-ventricular alterations. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20180562	3.4	9
64	Ultrasall superparamagnetic iron oxide nanoparticle uptake as noninvasive marker of aortic wall inflammation on MRI: proof of concept study. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180461	3.4	9
63	Density and morphology of coronary artery calcium for the prediction of cardiovascular events: insights from the Framingham Heart Study. <i>European Radiology</i> , <b>2019</b> , 29, 6140-6148	8	8
62	Statin Effects to Reduce Hepatosteatois as Measured by Computed Tomography in Patients With Human Immunodeficiency Virus. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw062	1	8



61	Impact of Diabetes Mellitus on the Evaluation of Stable Chest Pain Patients: Insights From the PROMISE (Prospective Multicenter Imaging Study for Evaluation of Chest Pain) Trial. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	8
60	Venous thrombosis, thromboembolism, biomarkers of inflammation, and coagulation in coronavirus disease 2019. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 835-844.	3.2	8
59	Sex differences in management and outcomes of patients with stable symptoms suggestive of coronary artery disease: Insights from the PROMISE trial. <i>American Heart Journal</i> , <b>2019</b> , 208, 28-36	4.9	8
58	Cost-effectiveness Analysis of Anatomic vs Functional Index Testing in Patients With Low-Risk Stable Chest Pain. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2028312	10.4	8
57	Increased Diet Quality is Associated with Long-Term Reduction of Abdominal and Pericardial Fat. <i>Obesity</i> , <b>2019</b> , 27, 670-677	8	7
56	Myocardial Steatosis Among Antiretroviral Therapy-Treated People With Human Immunodeficiency Virus Participating in the REPRIEVE Trial. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, S63-S69	7	7
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