

# Udo Hoffmann

## List of Publications by Year in Descending Order

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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	Elevated Coronary Artery Calcium Quantified by a Validated Deep Learning Model From Lung Cancer Radiotherapy Planning Scans Predicts Mortality.. <i>JCO Clinical Cancer Informatics</i> , <b>2022</b> , 6, e2100052	5.2	0
185	Prevalence and Correlates of Electrocardiographic Abnormalities in Adults With HIV: Insights From the Randomized Trial to Prevent Vascular Events in HIV (REPRIEVE).. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2022</b> , 89, 349-359	3.1	0
184	Association of Cardiometabolic Disease With Cancer in the Community.. <i>JACC: CardioOncology</i> , <b>2022</b> , 4, 69-81	3.8	1
183	Presenting Symptoms in Patients Undergoing Coronary Artery Disease Evaluation: Association With Noninvasive Test Results and Clinical Outcomes in the PROMISE Trial.. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2022</b> , 101161CIRCOUTCOMES121008298	5.8	0
182	Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , ATVBHA121316664	9.4	0
181	Deep learning enables genetic analysis of the human thoracic aorta. <i>Nature Genetics</i> , <b>2021</b> ,	36.3	6
180	Corrigendum to: Patterns of Antiretroviral Therapy Use and Immunologic Profiles at Enrollment in the REPRIEVE Trial. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 352-352	7	
179	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.e24	3.2	8
178	Deep-learning system to improve the quality and efficiency of volumetric heart segmentation for breast cancer. <i>Npj Digital Medicine</i> , <b>2021</b> , 4, 43	15.7	2
177	Risk Stratification With the Use of Coronary Computed Tomographic Angiography in Patients With Nonobstructive Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 2186-2195	8.4	1
176	Assessment of Coronary Artery Disease With Computed Tomography Angiography and Inflammatory and Immune Activation Biomarkers Among Adults With HIV Eligible for Primary Cardiovascular Prevention. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2114923	10.4	5
175	Coronary Artery Disease Reporting and Data System (CAD-RADS) Adoption: Analysis of Local Trends in a Large Academic Medical Center. <i>Radiology: Cardiothoracic Imaging</i> , <b>2021</b> , 3, e210016	8.3	1
174	Response to Sarayani et al Regarding Article, "Association Between Immune Checkpoint Inhibitors With Cardiovascular Events and Atherosclerotic Plaque". <i>Circulation</i> , <b>2021</b> , 143, e1033-e1034	16.7	2
173	Cardiovascular Risk and Health Among People With Human Immunodeficiency Virus (HIV) Eligible for Primary Prevention: Insights From the REPRIEVE Trial. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 2009-2022	11.6	0
172	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
171	Validation of Wall Shear Stress Assessment in Non-invasive Coronary CTA versus Invasive Imaging: A Patient-Specific Computational Study. <i>Annals of Biomedical Engineering</i> , <b>2021</b> , 49, 1151-1168	4.7	6
170	Deep convolutional neural networks to predict cardiovascular risk from computed tomography. <i>Nature Communications</i> , <b>2021</b> , 12, 715	17.4	27

169	Task-dependent estimability index to assess the quality of cardiac computed tomography angiography for quantifying coronary stenosis. <i>Journal of Medical Imaging</i> , <b>2021</b> , 8, 013501	2.6	0
168	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
167	Utility of High-Sensitivity Troponin Among Stable Patients With Chest Pain Undergoing Stress Imaging (from PROMISE). <i>American Journal of Cardiology</i> , <b>2021</b> , 158, 148-149	3	
166	Radiologists can visually predict mortality risk based on the gestalt of chest radiographs comparable to a deep learning network. <i>Scientific Reports</i> , <b>2021</b> , 11, 19586	4.9	2
165	Cardiovascular risk and outcomes in symptomatic patients with suspected coronary artery disease and non coronary vascular disease: A report from the PROMISE trial. <i>American Heart Journal</i> , <b>2021</b> , 242, 82-91	4.9	
164	Sex Differences in Left Ventricular Remodeling and Outcomes in Chronic Aortic Regurgitation. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
163	Radiomics of Coronary Artery Calcium in the Framingham Heart Study. <i>Radiology: Cardiothoracic Imaging</i> , <b>2020</b> , 2, e190119	8.3	10
162	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
161	Successful recruitment of a multi-site international randomized placebo-controlled trial in people with HIV with attention to diversity of race and ethnicity: critical role of central coordination. <i>HIV Research and Clinical Practice</i> , <b>2020</b> , 21, 11-23	1.7	0
160	Artificial intelligence-derived imaging biomarkers to improve population health. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, e154-e155	14.4	3
159	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
158	A review of serial coronary computed tomography angiography (CTA) to assess plaque progression and therapeutic effect of anti-atherosclerotic drugs. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 2305-2317	2.5	3
157	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
156	Increasing Liver Fat Is Associated With Incident Cardiovascular Risk Factors. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 1884-1886	6.9	5
155	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
154	Discordances between predicted and actual risk in obese patients with suspected cardiac ischaemia. <i>Heart</i> , <b>2020</b> , 106, 273-279	5.1	5
153	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
152	Association Between Immune Checkpoint Inhibitors With Cardiovascular Events and Atherosclerotic Plaque. <i>Circulation</i> , <b>2020</b> , 142, 2299-2311	16.7	85

151	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
150	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
149	Physiology and coronary artery disease: emerging insights from computed tomography imaging based computational modeling. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 2319-2333	2.5	2
148	Patterns of Antiretroviral Therapy Use and Immunologic Profiles at Enrollment in the REPRIEVE Trial. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, S8-S19	7	4
147	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
146	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
145	Long-term health outcomes and cost-effectiveness of coronary CT angiography in patients with suspicion for acute coronary syndrome. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, 44-54	2.8	7
144	Individual coronary plaque changes on serial CT angiography: Within-patient heterogeneity, natural history, and statin effects in HIV. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, 144-148	2.8	3
143	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
142	Increasing liver fat is associated with progression of cardiovascular risk factors. <i>Liver International</i> , <b>2020</b> , 40, 1339-1343	7.9	6
141	Clinical and Economic Implications of Inconclusive Noninvasive Test Results in Stable Patients With Suspected Coronary Artery Disease: Insights From the PROMISE Trial. <i>Circulation: Cardiovascular Imaging</i> , <b>2020</b> , 13, e009986	3.9	1
140	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
139	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
138	Predictive Model for High-Risk Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2019</b> , 12, e007940	3.9	9
137	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
136	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
135	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
134	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

133	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
132	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
131	Effects of obesity on noninvasive test results in patients with suspected cardiac ischemia: Insights from the PROMISE trial. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2019</b> , 13, 211-218	2.8	4
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	Implementation of an Emergency Department High-Sensitivity Troponin Chest Pain Pathway in the United States. <i>Critical Pathways in Cardiology</i> , <b>2019</b> , 18, 1-4	1.3	2
128	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
127	Deep Learning to Assess Long-term Mortality From Chest Radiographs. <i>JAMA Network Open</i> , <b>2019</b> , 2, e197416	10.4	42
126	Cardiac Computed Tomography <b>2019</b> , 91-128		
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	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
117	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
116	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

115	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
114	Brief Report: Statin Effects on Myocardial Fibrosis Markers in People Living With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2018</b> , 78, 105-110	3.1	7
113	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
112	Incorrect Conclusions of a Secondary Analysis. <i>JAMA Internal Medicine</i> , <b>2018</b> , 178, 581-582	11.5	
111	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
110	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
109	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
108	Observational and Genetic Associations of Resting Heart Rate With Aortic Valve Calcium. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 1246-1252	3	2
107	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
106	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
105	Age- and sex-based resource utilisation and costs in patients with acute chest pain undergoing cardiac CT angiography: pooled evidence from ROMICAT II and ACRIN-PA trials. <i>European Radiology</i> , <b>2018</b> , 28, 851-860	8	7
104	The effect of emphysema on readmission and survival among smokers with heart failure. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201376	3.7	3
103	Aortic Arch Width and Cardiovascular Disease in Men and Women in the Community. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	1
102	Water-fat magnetic resonance imaging quantifies relative proportions of brown and white adipose tissues: experiments. <i>Journal of Medical Imaging</i> , <b>2018</b> , 5, 024007	2.6	2
101	Longitudinal Associations of Pericardial and Intrathoracic Fat With Progression of Coronary Artery Calcium (From the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 162-167	3	7
100	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
99	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
98	Ultrasmall 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

97	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
96	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
95	Relation of Iliac Artery Calcium With Adiposity Measures and Peripheral Artery Disease. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1217-1223	3	2
94	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
93	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
92	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
91	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
90	Influence of Cardiovascular Risk Factors on the Prevalence of Coronary Atherosclerosis in Patients with Angiographically Normal Coronary Arteries. <i>Academic Radiology</i> , <b>2017</b> , 24, 580-586	4.3	6
89	Extracellular RNAs Are Associated With Insulin Resistance and Metabolic Phenotypes. <i>Diabetes Care</i> , <b>2017</b> , 40, 546-553	14.6	56
88	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
87	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
86	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
85	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
84	Cardiovascular Toxicity of Illicit Anabolic-Androgenic Steroid Use. <i>Circulation</i> , <b>2017</b> , 135, 1991-2002	16.7	139
83	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
82	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
81	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
80	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

79	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
78	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
77	Quantifying sociodemographic and income disparities in medical therapy and lifestyle among symptomatic patients with suspected coronary artery disease: a cross-sectional study in North America. <i>BMJ Open</i> , <b>2017</b> , 7, e016364	3	3
76	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
75	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
74	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
73	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
72	Identification of coronary artery calcification can optimize risk stratification in patients with acute chest pain. <i>International Journal of Cardiology</i> , <b>2017</b> , 249, 473-478	3.2	7
71	Coronary Artery Manifestation of Ormond Disease: The "Mistletoe Sign". <i>Radiology</i> , <b>2017</b> , 282, 356-360	20.5	5
70	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
69	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
68	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
67	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
66	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
65	Statin Effects to Reduce Hepatosteatosis as Measured by Computed Tomography in Patients With Human Immunodeficiency Virus. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw062	1	8
64	Rationale and design of the Randomized Evaluation of patients with Stable angina Comparing Utilization of noninvasive Examinations (RESCUE) trial. <i>American Heart Journal</i> , <b>2016</b> , 179, 19-28	4.9	7
63	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
62	Quantifying the effect of side branches in endothelial shear stress estimates. <i>Atherosclerosis</i> , <b>2016</b> , 251, 213-218	3.1	17

61	Defining the optimal systolic phase targets using absolute delay time for reconstructions in dual-source coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 91-100	2.5	4
60	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
59	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
58	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
57	Use of Coronary Computed Tomographic Angiography Findings to Modify Statin and Aspirin Prescription in Patients With Acute Chest Pain. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 319-24	3	3
56	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
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