

# Philipp A Kaufmann

## List of Publications by Year in descending order

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Version: 2024-02-01

448  
papers

24,358  
citations

6486

82  
h-index

12638

137  
g-index

463  
all docs

463  
docs citations

463  
times ranked

15872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rest/stress myocardial perfusion imaging by positron emission tomography with 18F-Flurpiridaz: A feasibility study in mice. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 62-73.	1.4	4
2	Left ventricular function and volumes from gated [13N]-ammonia positron emission tomography myocardial perfusion imaging: A prospective head-to-head comparison against CMR using a hybrid PET/MR device. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 616-625.	1.4	3
3	Automated quantitative analysis of CZT SPECT stratifies cardiovascular risk in the obese population: Analysis of the REFINE SPECT registry. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 727-736.	1.4	11
4	Myocardial perfusion scintigraphy for risk stratification of patients with coronary artery disease: the AMICO registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 372-380.	0.5	14
5	Associations between dyspnoea, coronary atherosclerosis, and cardiovascular outcomes: results from the long-term follow-up CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 266-274.	0.5	4
6	Transluminal attenuation gradient derived from coronary CT angiography to predict ischemia in SPECT myocardial perfusion imaging: Effect of coronary cross-sectional area. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 350-358.	1.4	1
7	Diagnostic safety of a machine learning-based automatic patient selection algorithm for stress-only myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2295-2307.	1.4	21
8	Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1091-1102.	2.3	44
9	Determining a minimum set of variables for machine learning cardiovascular event prediction: results from REFINE SPECT registry. <i>Cardiovascular Research</i> , 2022, 118, 2152-2164.	1.8	26
10	Impact of coronary calcification assessed by coronary CT angiography on treatment decision in patients with three-vessel CAD: insights from SYNTAX III trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 176-184.	0.5	5
11	Splenic switch-off as a novel marker for adenosine response in nitrogen-13 ammonia PET myocardial perfusion imaging: Cross-validation against CMR using a hybrid PET/MR device. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1205-1214.	1.4	12
12	Prognostic significance of plaque location in non-obstructive coronary artery disease: from the CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1240-1247.	0.5	7
13	[18F]-sodium fluoride PET/MR for painful lumbar facet joint degeneration – a randomized controlled clinical trial. <i>Spine Journal</i> , 2022, 22, 769-775.	0.6	6
14	Comparison of diabetes to other prognostic predictors among patients referred for cardiac stress testing: A contemporary analysis from the REFINE SPECT Registry. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3003-3014.	1.4	6
15	Radiation dose reduction with deep-learning image reconstruction for coronary computed tomography angiography. <i>European Radiology</i> , 2022, 32, 2620-2628.	2.3	21
16	Role of sex hormones in modulating myocardial perfusion and coronary flow reserve. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2209-2218.	3.3	6
17	Prevalence and predictors of automatically quantified myocardial ischemia within a multicenter international registry. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3221-3232.	1.4	3
18	Transmural perfusion: A new direction for myocardial blood flow. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1952-1955.	1.4	1

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19	NEMA NU 2â€“2018 performance evaluation of a new generation 30-cm axial field-of-view Discovery MI PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3023-3032.	3.3	10
20	Computed tomography angiography versus Agatston score for diagnosis of coronary artery disease in patients with stable chest pain: individual patient data meta-analysis of the international COME-CCT Consortium. <i>European Radiology</i> , 2022, 32, 5233-5245.	2.3	6
21	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry. <i>Computers in Biology and Medicine</i> , 2022, 145, 105449.	3.9	14
22	Risk stratification using coronary artery calcium scoring based on low tube voltage computed tomography. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2227-2234.	0.2	1
23	Explainable Deep Learning Improves Physician Interpretation of Myocardial Perfusion Imaging. <i>Journal of Nuclear Medicine</i> , 2022, , jnumed.121.263686.	2.8	7
24	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry. <i>Radiology: Cardiothoracic Imaging</i> , 2022, 4, e210225.	0.9	6
25	Differences in Prognostic Value of Myocardial Perfusion Single-Photon Emission Computed Tomography Using High-Efficiency Solid-State Detector Between Men and Women in a Large International Multicenter Study. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, .	1.3	2
26	Machine learning to predict abnormal myocardial perfusion from pre-test features. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2393-2403.	1.4	7
27	Value of 12-lead electrocardiogram to predict myocardial scar on FDG PET in heart failure patients. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1364-1373.	1.4	12
28	Prognostically safe stress-only single-photon emission computed tomography myocardial perfusion imaging guided by machine learning: report from REFINE SPECT. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 705-714.	0.5	38
29	Role of quantitative myocardial blood flow and 13N-ammonia washout for viability assessment in ischemic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 263-273.	1.4	13
30	Myocardial creep-induced misalignment artifacts in PET/MR myocardial perfusion imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 406-413.	3.3	4
31	Worldwide Diagnostic Reference Levels for Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 657-665.	2.3	9
32	Quantification of perivascular inflammation does not provide incremental prognostic value over myocardial perfusion imaging and calcium scoring. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1806-1812.	3.3	17
33	Prognostic Value of Quantitative Metrics From Positron Emission Tomography in Ischemic Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 454-464.	2.3	16
34	Coronary artery lumen volume index as a marker of flow-limiting atherosclerosisâ€”validation against 13N-ammonia positron emission tomography. <i>European Radiology</i> , 2021, 31, 5116-5126.	2.3	1
35	Age- and sex-dependent changes of resting amygdalar activity in individuals free of clinical cardiovascular disease. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 427-432.	1.4	4
36	Splenic switch-off as a predictor for coronary adenosine response: validation against 13N-ammonia during co-injection myocardial perfusion imaging on a hybrid PET/CMR scanner. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 3.	1.6	12

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37	Whole-body parametric [18F]-FDG PET/CT improves interpretation of a distant lesion as venous embolus in a lung cancer patient. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2047-2048.	3.3	3
38	Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1582-1590.	2.8	7
39	FDG-PET/CT: novel method for viability assessment of livers perfused ex vivo. <i>Nuclear Medicine Communications</i> , 2021, 42, 826-832.	0.5	2
40	Impact of Early Revascularization on Major Adverse Cardiovascular Events in Relation to Automatically Quantified Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 644-653.	2.3	28
41	Potential Impact of Statins on Neuronal Stress Responses in Patients at Risk for Cardiovascular Disease. <i>Journal of Personalized Medicine</i> , 2021, 11, 261.	1.1	2
42	Prognostic value of regional myocardial flow reserve derived from 13N-ammonia positron emission tomography in patients with suspected coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 311-320.	3.3	5
43	68Ga-PSMA-11 PET imaging in patients with ongoing androgen deprivation therapy for advanced prostate cancer. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1109-1116.	1.2	8
44	Prognostic Value of Phase Analysis for Predicting Adverse Cardiac Events Beyond Conventional Single-Photon Emission Computed Tomography Variables: Results From the REFINE SPECT Registry. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012386.	1.3	13
45	Worldwide Variation in the Use of Nuclear Cardiology Camera Technology, Reconstruction Software, and Imaging Protocols. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1819-1828.	2.3	9
46	Relationship of Endothelial Shear Stress with Plaque Features with Coronary CT Angiography and Vasodilating Capability with PET. <i>Radiology</i> , 2021, 300, 549-556.	3.6	13
47	Invited commentary on "Prognostic value of myocardial perfusion imaging after first-line coronary computed tomography angiography: A multi-center cohort study" (JCCT-D-21-00184R1 Diagnostic strategies in suspected chronic coronary syndrome) – The case for a hybrid approach. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, . . .	0.7	0
48	Clinical evaluation of data-driven respiratory gating for PET/CT in an oncological cohort of 149 patients: impact on image quality and patient management. <i>British Journal of Radiology</i> , 2021, 94, 20201350.	1.0	9
49	Sex and age differences in the association of heart rate responses to adenosine and myocardial ischemia in patients undergoing myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 159-170.	1.4	11
50	Upper reference limits of transient ischemic dilation ratio for different protocols on new-generation cadmium zinc telluride cameras: A report from REFINE SPECT registry. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1180-1189.	1.4	17
51	Ultra-low-dose computed tomography for attenuation correction of cadmium-zinc-telluride single photon emission computed tomography myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 228-237.	1.4	10
52	Rationale and design of the REgistry of Fast Myocardial Perfusion Imaging with NExt generation SPECT (REFINE SPECT). <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1010-1021.	1.4	74
53	"Apical thinning" – Relations between myocardial wall thickness and apical left ventricular tracer uptake as assessed with positron emission tomography myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 452-460.	1.4	9
54	Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: analysis from the CONFIRM registry. <i>European Heart Journal</i> , 2020, 41, 359-367.	1.0	137

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55	Detection Rate and Localization of Prostate Cancer Recurrence Using <sup>68</sup> Ga-PSMA-11 PET/MRI in Patients with Low PSA Values $\leq$ 0.5 ng/mL. <i>Journal of Nuclear Medicine</i> , 2020, 61, 194-201.	2.8	39
56	5-Year Prognostic Value of Quantitative Versus Visual MPI in Subtle Perfusion Defects. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 774-785.	2.3	70
57	Association between vertebral bone mineral density, myocardial perfusion, and long-term cardiovascular outcomes: A sex-specific analysis. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 726-736.	1.4	7
58	Myocardial blood flow and cardiac sympathetic innervation in young adults late after arterial switch operation for transposition of the great arteries. <i>International Journal of Cardiology</i> , 2020, 299, 110-115.	0.8	14
59	Machine learning predicts per-vessel early coronary revascularization after fast myocardial perfusion SPECT: results from multicentre REFINE SPECT registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 549-559.	0.5	70
60	Sex-dependent association between inflammation, neural stress responses, and impaired myocardial function. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2010-2015.	3.3	19
61	Anatomical and functional coronary imaging to predict long-term outcome in patients with suspected coronary artery disease: the EVINCI-outcome study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1273-1282.	0.5	40
62	Coronary artery volume index: a novel CCTA-derived predictor for cardiovascular events. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 713-722.	0.7	6
63	Artificial intelligence for detecting small FDG-positive lung nodules in digital PET/CT: impact of image reconstructions on diagnostic performance. <i>European Radiology</i> , 2020, 30, 2031-2040.	2.3	39
64	Impact of <sup>68</sup> Ga-PSMA-11 PET staging on clinical decision-making in patients with intermediate or high-risk prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 652-664.	3.3	38
65	Coronary atherosclerosis scoring with semiquantitative CCTA risk scores for prediction of major adverse cardiac events: Propensity score-based analysis of diabetic and non-diabetic patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 251-257.	0.7	18
66	Myocardial Ischemic Burden and Differences in Prognosis Among Patients With and Without Diabetes: Results From the Multicenter International REFINE SPECT Registry. <i>Diabetes Care</i> , 2020, 43, 453-459.	4.3	21
67	Longitudinal Progression of Subclinical Coronary Atherosclerosis in Swiss HIV-Positive Compared With HIV-Negative Persons Undergoing Coronary Calcium Score Scan and CT Angiography. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa438.	0.4	4
68	Diagnostic criteria for left ventricular non-compaction in cardiac computed tomography. <i>PLoS ONE</i> , 2020, 15, e0235751.	1.1	7
69	Prognostic significance of subtle coronary calcification in patients with zero coronary artery calcium score: From the CONFIRM registry. <i>Atherosclerosis</i> , 2020, 309, 33-38.	0.4	14
70	Myocardial <sup>18</sup> F-FDG Uptake Pattern for Cardiovascular Risk Stratification in Patients Undergoing Oncologic PET/CT. <i>Journal of Clinical Medicine</i> , 2020, 9, 2279.	1.0	14
71	Potential of Radiation Dose Reduction by Optimizing Z-Axis Coverage in Coronary Computed Tomography Angiography on a Latest-Generation 256-Slice Scanner. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 289-294.	0.5	1
72	Diagnostic performance of angiography-based quantitative flow ratio for the identification of myocardial ischemia as assessed by <sup>13</sup> N-ammonia myocardial perfusion imaging positron emission tomography. <i>International Journal of Cardiology</i> , 2020, 314, 13-19.	0.8	6

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73	Microvascular dysfunction and sympathetic hyperactivity in women with supra-normal left ventricular ejection fraction (snLVEF). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3094-3106.	3.3	25
74	Functional Brain Network Connectivity Patterns Associated With Normal Cognition at Old-Age, Local $\beta$ -amyloid, Tau, and APOE4. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 46.	1.7	21
75	APOE4 moderates effects of cortical iron on synchronized default mode network activity in cognitively healthy old-aged adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12002.	1.2	23
76	Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: the long-term coronary computed tomography angiography CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 479-488.	0.5	36
77	Increased long-term mortality in women with high left ventricular ejection fraction: data from the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter) long-term registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 363-374.	0.5	25
78	Validation of deep-learning image reconstruction for coronary computed tomography angiography: Impact on noise, image quality and diagnostic accuracy. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 444-451.	0.7	105
79	Transient ischaemic dilation and post-stress wall motion abnormality increase risk in patients with less than moderate ischaemia: analysis of the REFINE SPECT registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 567-575.	0.5	21
80	Reference values of physiological 18F-FET uptake: Implications for brain tumor discrimination. <i>PLoS ONE</i> , 2020, 15, e0230618.	1.1	7
81	Radiation dosimetry of 18F-AzaFol: A first in-human use of a folate receptor PET tracer. <i>EJNMMI Research</i> , 2020, 10, 32.	1.1	23
82	[11C]mHED PET follows a two-tissue compartment model in mouse myocardium with norepinephrine transporter (NET)-dependent uptake, while [18F]LMI1195 uptake is NET-independent. <i>EJNMMI Research</i> , 2020, 10, 114.	1.1	7
83	Planning the Procedure. , 2020, , 91-131.		0
84	Impact of Adaptive Statistical Iterative Reconstruction-V on Coronary Artery Calcium Scores Obtained From Low-Tube-Voltage Computed Tomography – A Patient Study. <i>Academic Radiology</i> , 2020, , .	1.3	3
85	High efficiency gamma camera enables ultra-low fixed dose stress/rest myocardial perfusion imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 218-224.	0.5	12
86	Prognostic value of chronic total occlusions detected on coronary computed tomographic angiography. <i>Heart</i> , 2019, 105, 196-203.	1.2	10
87	Diagnostic performance of choline PET for detection of hyperfunctioning parathyroid glands in hyperparathyroidism: a systematic review and meta-analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 751-765.	3.3	149
88	Current and potential future role of PSMA-PET in patients with castration-resistant prostate cancer. <i>World Journal of Urology</i> , 2019, 37, 457-467.	1.2	19
89	No differences in rest myocardial blood flow in stunned and hibernating myocardium: insights into the pathophysiology of ischemic cardiomyopathy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2322-2328.	3.3	9
90	Enhanced radiation exposure associated with anterior-posterior x-ray tube position in young women undergoing cardiac computed tomography. <i>American Heart Journal</i> , 2019, 215, 91-94.	1.2	4

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91	Heart rate reserve is a long-term risk predictor in women undergoing myocardial perfusion imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2032-2041.	3.3	12
92	Characterization of functionally significant coronary artery disease by a coronary computed tomography angiography-based index: a comparison with positron emission tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 897-905.	0.5	18
93	Risk Reclassification with Coronary Computed Tomography Angiography-Visualized Nonobstructive Coronary Artery Disease According to 2018 American College of Cardiology/American Heart Association Cholesterol Guidelines (from the Coronary Computed Tomography Angiography) <i>Tj ETQq1 1 0.7843140rgBT /Overlock 10</i> <i>Journal of Cardiology</i> , 2019, 124, 1397-1405.	0.7	10
94	Sex Differences in the Association between Inflammation and Ischemic Heart Disease. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1471-1480.	1.8	22
95	Metabolic Activity in Central Neural Structures of Patients With Myocardial Injury. <i>Journal of the American Heart Association</i> , 2019, 8, e013070.	1.6	4
96	Point of Care Clinical Risk Score to Improve the Negative Diagnostic Utility of an Agatston Score of Zero. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008737.	1.3	8
97	A cross-sectional survey of coronary plaque composition in individuals on non-statin lipid lowering drug therapies and undergoing coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 99-104.	0.7	2
98	Impact of different image reconstructions on PET quantification in non-small cell lung cancer: a comparison of adenocarcinoma and squamous cell carcinoma. <i>British Journal of Radiology</i> , 2019, 92, 20180792.	1.0	20
99	Quantification of intrathoracic fat adds prognostic value in women undergoing myocardial perfusion imaging. <i>International Journal of Cardiology</i> , 2019, 292, 258-264.	0.8	9
100	Antiretroviral Drugs Associated With Subclinical Coronary Artery Disease in the Swiss Human Immunodeficiency Virus Cohort Study. <i>Clinical Infectious Diseases</i> , 2019, 70, 884-889.	2.9	11
101	Association between resting amygdalar activity and abnormal cardiac function in women and men: a retrospective cohort study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 625-632.	0.5	24
102	The Predictive Value of Coronary Artery Calcium Scoring for Major Adverse Cardiac Events According to Renal Function (from the Coronary Computed Tomography Angiography Evaluation for Clinical) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 00</i> <i>Journal of Cardiology</i> , 2019, 123, 1435-1442.	0.7	12
103	Impact of Fractional Flow Reserve Derived From Coronary Computed Tomography Angiography on Heart Team Treatment Decision-Making in Patients With Multivessel Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007607.	1.4	76
104	Heart rate reserve during pharmacological stress is a significant negative predictor of impaired coronary flow reserve in women. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1257-1267.	3.3	18
105	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1987-1997.	2.3	78
106	Association between beta-adrenoceptor antagonist-induced sympathicolysis and severity of coronary artery disease as assessed by coronary computed tomography angiography (CCTA). <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 927-936.	0.7	1
107	Cardiac hybrid imaging combining 3D-strain echocardiography with coronary computed tomography angiography. <i>European Heart Journal</i> , 2019, 40, 395-396.	1.0	4
108	Clinical impact of <sup>68</sup> Ga-PSMA-11 PET on patient management and outcome, including all patients referred for an increase in PSA level during the first year after its clinical introduction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 889-900.	3.3	44

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109	Deep Learning Analysis of Upright-Supine High-Efficiency SPECT Myocardial Perfusion Imaging for Prediction of Obstructive Coronary Artery Disease: A Multicenter Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 664-670.	2.8	113
110	Corrected coronary opacification decrease from coronary computed tomography angiography: Validation with quantitative <sup>13</sup> N-ammonia positron emission tomography. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 561-568.	1.4	13
111	Gated SPECT myocardial perfusion imaging with cadmium-zinc-telluride detectors allows real-time assessment of dobutamine-stress-induced wall motion abnormalities. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1734-1742.	1.4	3
112	Diagnosis and Management of Anomalous Coronary Arteries with a Malignant Course. <i>Interventional Cardiology Review</i> , 2019, 14, 83-88.	0.7	44
113	Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for) Tj ETQq1 1 0.787314 rg8T /Over	0.7	314
114	Sports Behavior in Middle-Aged Individuals with Anomalous Coronary Artery from the Opposite Sinus of Valsalva. <i>Cardiology</i> , 2018, 139, 222-230.	0.6	7
115	Impact of cardiac hybrid imaging-guided patient management on clinical long-term outcome. <i>International Journal of Cardiology</i> , 2018, 261, 218-222.	0.8	12
116	Ultra-low-dose coronary artery calcium scoring using novel scoring thresholds for low tube voltage protocols—a pilot study. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1362-1371.	0.5	34
117	Triple hybrid imaging of a high-risk coronary plaque: morphology, perfusion, and haemorheology. <i>European Heart Journal</i> , 2018, 39, 2508-2508.	1.0	4
118	Non-invasive screening for coronary artery disease in asymptomatic diabetic patients: a systematic review and meta-analysis of randomised controlled trials. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 838-846.	0.5	36
119	Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: a 6-year follow-up from the prospective multicentre international CONFIRM study. <i>European Heart Journal</i> , 2018, 39, 934-941.	1.0	100
120	Low cortical iron and high entorhinal cortex volume promote cognitive functioning in the oldest-old. <i>Neurobiology of Aging</i> , 2018, 64, 68-75.	1.5	25
121	The Coronary Artery Disease—Reporting and Data System (CAD-RADS). <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 78-89.	2.3	91
122	Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 675-683.	0.5	34
123	Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 204-209.	0.7	137
124	Subclinical coronary artery disease in Swiss HIV-positive and HIV-negative persons. <i>European Heart Journal</i> , 2018, 39, 2147-2154.	1.0	47
125	Applicability and accuracy of pretest probability calculations implemented in the NICE clinical guideline for decision making about imaging in patients with chest pain of recent onset. <i>European Radiology</i> , 2018, 28, 4006-4017.	2.3	2
126	Deep Learning for Prediction of Obstructive Disease From Fast Myocardial Perfusion SPECT. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1654-1663.	2.3	246



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127	Head-to-head comparison of adaptive statistical and model-based iterative reconstruction algorithms for submillisievert coronary CT angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 193-198.	0.5	24
128	Clinical performance of 68Ga-PSMA-11 PET/MRI for the detection of recurrent prostate cancer following radical prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 20-30.	3.3	72
129	Myocardial perfusion imaging: Lessons learned and work to be done—update. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 39-52.	1.4	19
130	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). <i>European Heart Journal</i> , 2018, 39, 286-296.	1.0	44
131	Impact of a Bayesian penalized likelihood reconstruction algorithm on image quality in novel digital PET/CT: clinical implications for the assessment of lung tumors. <i>EJNMMI Physics</i> , 2018, 5, 27.	1.3	51
132	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (COronary CT Angiography Evaluation For) Tj ETQq0 0 0 rBT /Overlock 10 Tf		
133	Automated detection of lung cancer at ultralow dose PET/CT by deep neural networks—Initial results. <i>Lung Cancer</i> , 2018, 126, 170-173.	0.9	90
134	Age- and sex-dependent changes in sympathetic activity of the left ventricular apex assessed by 18F-DOPA PET imaging. <i>PLoS ONE</i> , 2018, 13, e0202302.	1.1	29
135	Incidental Findings on Coronary Computed Tomography Angiography in Human Immunodeficiency Virus (HIV)-Positive and HIV-Negative Persons. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy084.	0.4	3
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