

# K Martijn Akkerhuis

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

62  
papers

1,232  
citations

19  
h-index

34  
g-index

66  
ext. papers

1,557  
ext. citations

4.8  
avg, IF

3.95  
L-index

#	Paper	IF	Citations
62	Persistently elevated levels of sST2 after acute coronary syndrome are associated with recurrent cardiac events.. <i>Biomarkers</i> , <b>2022</b> , 1-17	2.6	0
61	Dynamic personalized risk prediction in chronic heart failure patients: a longitudinal, clinical investigation of 92 biomarkers (Bio-SHIFT study).. <i>Scientific Reports</i> , <b>2022</b> , 12, 2795	4.9	1
60	IGF-1 is not related to long-term outcome in hyperglycemic acute coronary syndrome patients. <i>Diabetes and Vascular Disease Research</i> , <b>2021</b> , 18, 14791641211047436	3.3	0
59	Associations of serially measured PCSK9, LDLR and MPO with clinical outcomes in heart failure. <i>Biomarkers in Medicine</i> , <b>2021</b> , 15, 247-255	2.3	1
58	Left ventricular remodelling and prognosis after discharge in new-onset acute heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 2679-2689	3.7	2
57	A heart failure phenotype stratified model for predicting 1-year mortality in patients admitted with acute heart failure: results from an individual participant data meta-analysis of four prospective European cohorts. <i>BMC Medicine</i> , <b>2021</b> , 19, 21	11.4	1
56	Comparison of temporal changes in established cardiovascular biomarkers after acute coronary syndrome between Caucasian and Chinese patients with diabetes mellitus. <i>Biomarkers</i> , <b>2020</b> , 25, 341-348	2.6	1
55	Temporal patterns of macrophage- and neutrophil-related markers are associated with clinical outcome in heart failure patients. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 1190-1200	3.7	8
54	High-frequency metabolite profiling and the incidence of recurrent cardiac events in patients with post-acute coronary syndrome. <i>Biomarkers</i> , <b>2020</b> , 25, 235-240	2.6	0
53	Stabilization patterns and variability of hs-CRP, NT-proBNP and ST2 during 1 year after acute coronary syndrome admission: results of the BIOMArCS study. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 2099-2106	5.9	6
52	Longitudinal patterns of N-terminal pro B-type natriuretic peptide, troponin T, and C-reactive protein in relation to the dynamics of echocardiographic parameters in heart failure patients. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 1005-1012	4.1	3
51	Serially Measured Cytokines and Cytokine Receptors in Relation to Clinical Outcome in Patients With Stable Heart Failure. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 1587-1591	3.8	0
50	Evolution of renal function and predictive value of serial renal assessments among patients with acute coronary syndrome: BIOMArCS study. <i>International Journal of Cardiology</i> , <b>2020</b> , 299, 12-19	3.2	1
49	Renal tubular damage and worsening renal function in chronic heart failure: Clinical determinants and relation to prognosis (Bio-SHIFT study). <i>Clinical Cardiology</i> , <b>2020</b> , 43, 630-638	3.3	6
48	Response: Serial blood biomarker measurements for elucidation of the pathophysiology of heart failure. <i>International Journal of Cardiology</i> , <b>2019</b> , 278, 266	3.2	
47	Response to Letter to the Editor: "Cardiometabolic Biomarkers and Their Temporal Patterns Predict Poor Outcome in Chronic Heart Failure (Bio-SHIFT Study)". <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 736-737	5.6	1
46	Temporal Pattern of Growth Differentiation Factor-15 Protein After Acute Coronary Syndrome (From the BIOMArCS Study). <i>American Journal of Cardiology</i> , <b>2019</b> , 124, 8-13	3	6

45	Temporal evolution of myeloperoxidase and galectin 3 during 1 year after acute coronary syndrome admission. <i>American Heart Journal</i> , <b>2019</b> , 216, 143-146	4.9	2
44	Utility of temporal profiles of new cardio-renal and pulmonary candidate biomarkers in chronic heart failure. <i>International Journal of Cardiology</i> , <b>2019</b> , 276, 157-165	3.2	11
43	Repeated Echocardiograms Do Not Provide Incremental Prognostic Value to Single Echocardiographic Assessment in Minimally Symptomatic Patients with Chronic Heart Failure: Results of the Bio-SHiFT Study. <i>Journal of the American Society of Echocardiography</i> , <b>2019</b> , 32, 1000-1009	5.8	2
42	Details on high frequency blood collection, data analysis, available material and patient characteristics in BIOMArCS. <i>Data in Brief</i> , <b>2019</b> , 27, 104750	1.2	6
41	High-Frequency Biomarker Measurements of Troponin, NT-proBNP, and C-Reactive Protein for Prediction of New Coronary Events After Acute Coronary Syndrome. <i>Circulation</i> , <b>2019</b> , 139, 134-136	16.7	19
40	The temporal pattern of immune and inflammatory proteins prior to a recurrent coronary event in post-acute coronary syndrome patients. <i>Biomarkers</i> , <b>2019</b> , 24, 199-205	2.6	5
39	Toward personalized risk assessment in patients with chronic heart failure: Detailed temporal patterns of NT-proBNP, troponin T, and CRP in the Bio-SHiFT study. <i>American Heart Journal</i> , <b>2018</b> , 196, 36-48	4.9	26
38	Near-infrared spectroscopy-derived lipid core burden index predicts adverse cardiovascular outcome in patients with coronary artery disease during long-term follow-up. <i>European Heart Journal</i> , <b>2018</b> , 39, 295-302	9.5	60
37	Development and validation of a risk model for long-term mortality after percutaneous coronary intervention: The IDEA-BIO Study. <i>Catheterization and Cardiovascular Interventions</i> , <b>2018</b> , 91, 686-695	2.7	0
36	Short- and Long-term Prognosis of Patients With Acute Heart Failure With and Without Diabetes: Changes Over the Last Three Decades. <i>Diabetes Care</i> , <b>2018</b> , 41, 143-149	14.6	14
35	Serially measured circulating microRNAs and adverse clinical outcomes in patients with acute heart failure. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 89-96	12.3	41
34	Cardiometabolic Biomarkers and Their Temporal Patterns Predict Poor Outcome in Chronic Heart Failure (Bio-SHiFT Study). <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3954-3964	5.6	18
33	Renal function and anemia in relation to short- and long-term prognosis of patients with acute heart failure in the period 1985-2008: A clinical cohort study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201714	3.7	7
32	Adiponectin in Relation to Coronary Plaque Characteristics on Radiofrequency Intravascular Ultrasound and Cardiovascular Outcome. <i>Arquivos Brasileiros De Cardiologia</i> , <b>2018</b> , 111, 345-353	1.2	3
31	Patient-specific evolution of renal function in chronic heart failure patients dynamically predicts clinical outcome in the Bio-SHiFT study. <i>Kidney International</i> , <b>2018</b> , 93, 952-960	9.9	21
30	Real-Life Use of Neurohormonal Antagonists and Loop Diuretics in Chronic Heart Failure: Analysis of Serial Biomarker Measurements and Clinical Outcome. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 104, 346-355	6.1	2
29	Prognostic Value of Intravascular Ultrasound in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2003-2011	15.1	23
28	Associations of 26 Circulating Inflammatory and Renal Biomarkers with Near-Infrared Spectroscopy and Long-term Cardiovascular Outcome in Patients Undergoing Coronary Angiography (ATHEROREMO-NIRS Substudy). <i>Current Atherosclerosis Reports</i> , <b>2018</b> , 20, 52	6	7

27	IgM anti-malondialdehyde low density lipoprotein antibody levels indicate coronary heart disease and necrotic core characteristics in the Nordic Diltiazem (NORDIL) study and the Integrated Imaging and Biomarker Study 3 (IBIS-3). <i>EBioMedicine</i> , <b>2018</b> , 36, 63-72	8.8	15
26	Effects of Ticagrelor, Prasugrel, or Clopidogrel on Endothelial Function and Other Vascular Biomarkers: A Randomized Crossover Study. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1576-1586	5	28
25	Adenosine and Ticagrelor Plasma Levels in Patients With and Without Ticagrelor-Related Dyspnea. <i>Circulation</i> , <b>2018</b> , 138, 646-648	16.7	19
24	Plasma concentrations of molecular lipid species predict long-term clinical outcome in coronary artery disease patients. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 1729-1737	6.3	64
23	SYNTAX score II predicts long-term mortality in patients with one- or two-vessel disease. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200076	3.7	4
22	Serially measured circulating miR-22-3p is a biomarker for adverse clinical outcome in patients with chronic heart failure: The Bio-SHiFT study. <i>International Journal of Cardiology</i> , <b>2017</b> , 235, 124-132	3.2	23
21	Impact of Relative Conditional Survival Estimates on Patient Prognosis After Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2017</b> , 10,	5.8	4
20	Prognostic Value of Serial ST2 Measurements in Patients With Acute Heart Failure. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2378-2388	15.1	72
19	Fibrinogen in relation to degree and composition of coronary plaque on intravascular ultrasound in patients undergoing coronary angiography. <i>Coronary Artery Disease</i> , <b>2017</b> , 28, 23-32	1.4	13
18	Prognostic Value of Serial Galectin-3 Measurements in Patients With Acute Heart Failure. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	17
17	CXCL10 Is a Circulating Inflammatory Marker in Patients with Advanced Heart Failure: a Pilot Study. <i>Journal of Cardiovascular Translational Research</i> , <b>2016</b> , 9, 302-14	3.3	42
16	A simple risk chart for initial risk assessment of 30-day mortality in patients with cardiogenic shock from ST-elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2016</b> , 5, 1014-73	17.3	18
15	PCSK9 in relation to coronary plaque inflammation: Results of the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , <b>2016</b> , 248, 117-22	3.1	96
14	Cohort profile of BIOMArCS: the BIOMarker study to identify the Acute risk of a Coronary Syndrome-a prospective multicentre biomarker study conducted in the Netherlands. <i>BMJ Open</i> , <b>2016</b> , 6, e012929	3	14
13	Individualized Angiotensin-Converting Enzyme (ACE)-Inhibitor Therapy in Stable Coronary Artery Disease Based on Clinical and Pharmacogenetic Determinants: The PERindopril GENetic (PERGENE) Risk Model. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e002688	6	10
12	Long-Term Follow-Up of the Randomized (BIOMArCS-2) Glucose Trial: Intensive Glucose Regulation in Hyperglycemic Acute Coronary Syndrome. <i>Circulation</i> , <b>2016</b> , 134, 984-6	16.7	2
11	Haptoglobin polymorphism in relation to coronary plaque characteristics on radiofrequency intravascular ultrasound and near-infrared spectroscopy in patients with coronary artery disease. <i>International Journal of Cardiology</i> , <b>2016</b> , 221, 682-7	3.2	1
10	Plasma cystatin C and neutrophil gelatinase-associated lipocalin in relation to coronary atherosclerosis on intravascular ultrasound and cardiovascular outcome: Impact of kidney function (ATHEROREMO-IVUS study). <i>Atherosclerosis</i> , <b>2016</b> , 254, 20-27	3.1	8

9	Evaluation of 42 cytokines, chemokines and growth factors for prediction of cardiovascular outcome in patients with coronary artery disease. <i>International Journal of Cardiology</i> , <b>2015</b> , 184, 724-727 <sup>3,2</sup>		1
8	Smoking in Relation to Coronary Atherosclerotic Plaque Burden, Volume and Composition on Intravascular Ultrasound. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141093	3.7	12
7	Plasma concentrations of molecular lipid species in relation to coronary plaque characteristics and cardiovascular outcome: Results of the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , <b>2015</b> , 243, 560-6	3.1	86
6	Impact of renin-angiotensin system inhibitors on mortality and major cardiovascular endpoints in hypertension: A number-needed-to-treat analysis. <i>International Journal of Cardiology</i> , <b>2015</b> , 181, 425-9	3.2	37
5	In vivo detection of high-risk coronary plaques by radiofrequency intravascular ultrasound and cardiovascular outcome: results of the ATHEROREMO-IVUS study. <i>European Heart Journal</i> , <b>2014</b> , 35, 639-47	9.5	234
4	Relation of C-reactive protein to coronary plaque characteristics on grayscale, radiofrequency intravascular ultrasound, and cardiovascular outcome in patients with acute coronary syndrome or stable angina pectoris (from the ATHEROREMO-IVUS study). <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1487-503	3	38
3	Antibodies to periodontal pathogens are associated with coronary plaque remodeling but not with vulnerability or burden. <i>Atherosclerosis</i> , <b>2014</b> , 237, 84-91	3.1	27
2	Circulating cytokines in relation to the extent and composition of coronary atherosclerosis: results from the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , <b>2014</b> , 236, 18-24	3.1	30
1	Circulating acute phase proteins in relation to extent and composition of coronary atherosclerosis and cardiovascular outcome: results from the ATHEROREMO-IVUS study. <i>International Journal of Cardiology</i> , <b>2014</b> , 177, 847-53	3.2	13