

Christian M Matter

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

4,612
citations

109321

35
h-index

106344

65
g-index

106
all docs

106
docs citations

106
times ranked

8005
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma ceramides predict cardiovascular death in patients with stable coronary artery disease and acute coronary syndromes beyond LDL-cholesterol. <i>European Heart Journal</i> , 2016, 37, 1967-1976.	2.2	433
2	Protective effects of sirtuins in cardiovascular diseases: from bench to bedside. <i>European Heart Journal</i> , 2015, 36, 3404-3412.	2.2	354
3	Gut microbiota-dependent trimethylamine N-oxide in acute coronary syndromes: a prognostic marker for incident cardiovascular events beyond traditional risk factors. <i>European Heart Journal</i> , 2017, 38, ehw582.	2.2	317
4	Effect of Biolimus-Eluting Stents With Biodegradable Polymer vs Bare-Metal Stents on Cardiovascular Events Among Patients With Acute Myocardial Infarction. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 777.	7.4	278
5	Effect of high-intensity statin therapy on atherosclerosis in non-infarct-related coronary arteries (IBIS-4): a serial intravascular ultrasonography study. <i>European Heart Journal</i> , 2015, 36, 490-500.	2.2	168
6	Evolocumab for Early Reduction of LDL Cholesterol Levels in Patients With Acute Coronary Syndromes (EVOPACS). <i>Journal of the American College of Cardiology</i> , 2019, 74, 2452-2462.	2.8	135
7	Prevalence and management of familial hypercholesterolaemia in patients with acute coronary syndromes. <i>European Heart Journal</i> , 2015, 36, 2438-2445.	2.2	129
8	Prognostic value of PCSK9 levels in patients with acute coronary syndromes. <i>European Heart Journal</i> , 2016, 37, 546-553.	2.2	120
9	The Sirt1 activator SRT3025 provides atheroprotection in ApoE ^{-/-} /A ^{+/+} mice by reducing hepatic Pcsk9 secretion and enhancing Ldlr expression. <i>European Heart Journal</i> , 2015, 36, 51-59.	2.2	117
10	18 F-Choline Images Murine Atherosclerotic Plaques Ex Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 584-589.	2.4	111
11	Rapid and Body Weight-Independent Improvement of Endothelial and High-Density Lipoprotein Function After Roux-en-Y Gastric Bypass. <i>Circulation</i> , 2015, 131, 871-881.	1.6	103
12	Effects of Tacrolimus or Sirolimus on Proliferation of Vascular Smooth Muscle and Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 48, 286-292.	1.9	100
13	Prognosis of Patients With Familial Hypercholesterolemia After Acute Coronary Syndromes. <i>Circulation</i> , 2016, 134, 698-709.	1.6	99
14	Imaging of the unstable plaque: how far have we got?. <i>European Heart Journal</i> , 2009, 30, 2566-2574.	2.2	84
15	Endothelial overexpression of LOX-1 increases plaque formation and promotes atherosclerosis in vivo. <i>European Heart Journal</i> , 2014, 35, 2839-2848.	2.2	82
16	Trimethyllysine, a trimethylamine N-oxide precursor, provides near- and long-term prognostic value in patients presenting with acute coronary syndromes. <i>European Heart Journal</i> , 2019, 40, 2700-2709.	2.2	79
17	Predictors and Causes of Long-Term Mortality in Elderly Patients with Acute Venous Thromboembolism: A Prospective Cohort Study. <i>American Journal of Medicine</i> , 2017, 130, 198-206.	1.5	78
18	Profiling and validation of circulating microRNAs for cardiovascular events in patients presenting with ST-segment elevation myocardial infarction. <i>European Heart Journal</i> , 2017, 38, ehw563.	2.2	77

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19	Identifying the anti-inflammatory response to lipid lowering therapy: a position paper from the working group on atherosclerosis and vascular biology of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2019, 115, 10-19.	3.8	72
20	Improved risk stratification of patients with acute coronary syndromes using a combination of hsTnT, NT-proBNP and hsCRP with the GRACE score. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018, 7, 129-138.	1.0	70
21	Interleukin-1 β Mediates Arterial Thrombus Formation via NET-Associated Tissue Factor. <i>Journal of Clinical Medicine</i> , 2019, 8, 2072.	2.4	70
22	Obesity-induced activation of JunD promotes myocardial lipid accumulation and metabolic cardiomyopathy. <i>European Heart Journal</i> , 2019, 40, 997-1008.	2.2	69
23	Endothelial SIRT6 blunts stroke size and neurological deficit by preserving blood-brain barrier integrity: a translational study. <i>European Heart Journal</i> , 2020, 41, 1575-1587.	2.2	54
24	Use, patient selection and outcomes of P2Y12 receptor inhibitor treatment in patients with STEMI based on contemporary European registries. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2016, 2, 152-167.	3.0	50
25	Clonal restriction and predominance of regulatory T cells in coronary thrombi of patients with acute coronary syndromes. <i>European Heart Journal</i> , 2015, 36, 1041-1048.	2.2	48
26	Decreased phosphatidylcholine plasmalogens – A putative novel lipid signature in patients with stable coronary artery disease and acute myocardial infarction. <i>Atherosclerosis</i> , 2016, 246, 130-140.	0.8	47
27	P2Y12 receptor inhibitors in patients with non-ST-elevation acute coronary syndrome in the real world: use, patient selection, and outcomes from contemporary European registries. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2016, 2, 229-243.	3.0	46
28	Cysteine-rich angiogenic inducer 61 (Cyr61): a novel soluble biomarker of acute myocardial injury improves risk stratification after acute coronary syndromes. <i>European Heart Journal</i> , 2017, 38, 3493-3502.	2.2	46
29	Interplay between hypercholesterolaemia and inflammation in atherosclerosis: Translating experimental targets into clinical practice. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 948-955.	1.8	46
30	Vascular endothelial tissue factor contributes to trimethylamine N-oxide-enhanced arterial thrombosis. <i>Cardiovascular Research</i> , 2022, 118, 2367-2384.	3.8	45
31	Loss of Sirt3 accelerates arterial thrombosis by increasing formation of neutrophil extracellular traps and plasma tissue factor activity. <i>Cardiovascular Research</i> , 2018, 114, 1178-1188.	3.8	44
32	Increased Proangiogenic Activity of Mobilized CD34 ⁺ Progenitor Cells of Patients With Acute ST-Segment Elevation Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 341-349.	2.4	40
33	Safety profile of prasugrel and clopidogrel in patients with acute coronary syndromes in Switzerland. <i>Heart</i> , 2015, 101, 854-863.	2.9	38
34	Reasons for discontinuation of recommended therapies according to the patients after acute coronary syndromes. <i>European Journal of Internal Medicine</i> , 2015, 26, 56-62.	2.2	37
35	Circulating FABP4 Is a Prognostic Biomarker in Patients With Acute Coronary Syndrome but Not in Asymptomatic Individuals. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1872-1879.	2.4	36
36	Increased Balloon-Induced Inflammation, Proliferation, and Neointima Formation in Apolipoprotein E () Tj ETQq0 0 Q r gBT /Overlock 10 T	2.9	35

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37	Role of Endogenous Fas (CD95/Apo-1) Ligand in Balloon-Induced Apoptosis, Inflammation, and Neointima Formation. <i>Circulation</i> , 2006, 113, 1879-1887.	1.6	35
38	Predictive value of the age, creatinine, and ejection fraction (ACEF) score in patients with acute coronary syndromes. <i>International Journal of Cardiology</i> , 2018, 270, 7-13.	1.7	33
39	Eligibility for PCSK9 inhibitors based on the 2019 ESC/EAS and 2018 ACC/AHA guidelines. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 59-65.	1.8	30
40	Eligibility for PCSK9 Inhibitors According to American College of Cardiology (ACC) and European Society of Cardiology/European Atherosclerosis Society (ESC/EAS) Guidelines After Acute Coronary Syndromes. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	29
41	Gut microbiota-dependent trimethylamine-N-oxide (TMAO) shows a U-shaped association with mortality but not with recurrent venous thromboembolism. <i>Thrombosis Research</i> , 2019, 174, 40-47.	1.7	29
42	Quality of Care after Acute Coronary Syndromes in a Prospective Cohort with Reasons for Non-Prescription of Recommended Medications. <i>PLoS ONE</i> , 2014, 9, e93147.	2.5	28
43	Mild endothelial dysfunction in Sirt3 knockout mice fed a high-cholesterol diet: protective role of a novel C/EBP- β -dependent feedback regulation of SOD2. <i>Basic Research in Cardiology</i> , 2016, 111, 33.	5.9	28
44	Expected impact of applying new 2013 AHA/ACC cholesterol guidelines criteria on the recommended lipid target achievement after acute coronary syndromes. <i>Atherosclerosis</i> , 2015, 239, 118-124.	0.8	26
45	Sirt6 deletion in bone marrow-derived cells increases atherosclerosis – Central role of macrophage scavenger receptor 1. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 139, 24-32.	1.9	26
46	Prognostic value of elevated lipoprotein(a) in patients with acute coronary syndromes. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13117.	3.4	24
47	Changes of coronary plaque composition correlate with C-reactive protein levels in patients with ST-elevation myocardial infarction following high-intensity statin therapy. <i>Atherosclerosis</i> , 2016, 247, 154-160.	0.8	22
48	Inflammation during acute coronary syndromes – Risk of cardiovascular events and bleeding. <i>International Journal of Cardiology</i> , 2019, 287, 13-18.	1.7	22
49	Prognosis of cardiovascular and non-cardiovascular multimorbidity after acute coronary syndrome. <i>PLoS ONE</i> , 2018, 13, e0195174.	2.5	21
50	Diabetes and baseline glucose are associated with inflammation, left ventricular function and short- and long-term outcome in acute coronary syndromes: role of the novel biomarker Cyr 61. <i>Cardiovascular Diabetology</i> , 2019, 18, 142.	6.8	21
51	Design of the randomized, placebo-controlled evolocumab for early reduction of LDL-cholesterol levels in patients with acute coronary syndromes (EVOPACS) trial. <i>Clinical Cardiology</i> , 2018, 41, 1513-1520.	1.8	20
52	Deletion of fibroblast activation protein provides atheroprotection. <i>Cardiovascular Research</i> , 2021, 117, 1060-1069.	3.8	20
53	Future directions for therapeutic strategies in post-ischaemic vascularization: a position paper from European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology. <i>Cardiovascular Research</i> , 2018, 114, 1411-1421.	3.8	19
54	Low statin use in adults hospitalized with acute coronary syndrome. <i>Preventive Medicine</i> , 2015, 77, 131-136.	3.4	18

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55	Uptake and efficacy of a systematic intensive smoking cessation intervention using motivational interviewing for smokers hospitalised for an acute coronary syndrome: a multicentre beforeâ€“after study with parallel group comparisons. <i>BMJ Open</i> , 2016, 6, e011520.	1.9	18
56	Diabetic patients with acute coronary syndromes in contemporary European registries: characteristics and outcomes. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2017, 3, 198-213.	3.0	18
57	Predictors and Outcomes of Recurrent Venous Thromboembolism in Elderly Patients. <i>American Journal of Medicine</i> , 2018, 131, 703.e7-703.e16.	1.5	17
58	Effects of the PCSK9 antibody alirocumab on coronary atherosclerosis in patients with acute myocardial infarction: a serial, multivessel, intravascular ultrasound, near-infrared spectroscopy and optical coherence tomography imaging studyâ€“Rationale and design of the PACMAN-AMI trial. <i>American Heart Journal</i> , 2021, 238, 33-44.	2.7	17
59	Prognostic value of pulse pressure after an acute coronary syndrome. <i>Atherosclerosis</i> , 2018, 277, 219-226.	0.8	15
60	Deleterious role of endothelial lectin-like oxidized low-density lipoprotein receptor-1 in ischaemia/reperfusion cerebral injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2233-2245.	4.3	15
61	The BET Protein Inhibitor Apabetalone Rescues Diabetes-Induced Impairment of Angiogenic Response by Epigenetic Regulation of Thrombospondin-1. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 667-684.	5.4	15
62	Novel Blood Biomarkers for a Diagnostic Workup of Acute Aortic Dissection. <i>Diagnostics</i> , 2021, 11, 615.	2.6	14
63	Contemporary registries on P2Y12 inhibitors in patients with acute coronary syndromes in Europe: overview and methodological considerations: Table 1. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2015, 1, 232-244.	3.0	13
64	Cardiomyocyte-Specific JunD Overexpression Increases Infarct Size following Ischemia/Reperfusion Cardiac Injury by Downregulating Sirt3. <i>Thrombosis and Haemostasis</i> , 2020, 120, 168-180.	3.4	13
65	Clinical predictors of left ventricular involvement in arrhythmogenic right ventricular cardiomyopathy. <i>American Heart Journal</i> , 2020, 223, 34-43.	2.7	13
66	Comparison of P2Y12 receptor inhibitors in patients with ST-elevation myocardial infarction in clinical practice: a propensity score analysis of five contemporary European registries. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, 94-103.	3.0	13
67	Modulating Sirtuin Biology and Nicotinamide Adenine Diphosphate Metabolism in Cardiovascular Diseaseâ€“From Bench to Bedside. <i>Frontiers in Physiology</i> , 2021, 12, 755060.	2.8	13
68	Echocardiography does not predict mortality in hemodynamically stable elderly patients with acute pulmonary embolism. <i>Thrombosis Research</i> , 2016, 145, 67-71.	1.7	11
69	Incidence, Predictors, and Clinical Impact of Early Prasugrel Cessation in Patients With STâ€“Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	11
70	Non-Linear Relationship between Anti-Apolipoprotein A-1 IgGs and Cardiovascular Outcomes in Patients with Acute Coronary Syndromes. <i>Journal of Clinical Medicine</i> , 2019, 8, 1002.	2.4	11
71	Brain-derived neurotrophic factor Val66Met polymorphism in depression and thrombosis: SIRT1 as a possible mediator. <i>European Heart Journal</i> , 2017, 38, ehv692.	2.2	10
72	Anticoagulation Management Practices and Outcomes in Elderly Patients with Acute Venous Thromboembolism: A Clinical Research Study. <i>PLoS ONE</i> , 2016, 11, e0148348.	2.5	10

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73	Methylation of the Hippo effector YAP by the methyltransferase SETD7 drives myocardial ischaemic injury: a translational study. <i>Cardiovascular Research</i> , 2023, 118, 3374-3385.	3.8	10
74	Prognostic Value of SYNTAX Score II in Patients with Acute Coronary Syndromes Referred for Invasive Management: A Subanalysis from the SPUM and COMFORTABLE AMI Cohorts. <i>Cardiology Research and Practice</i> , 2018, 2018, 1-11.	1.1	9
75	A high Gas6 level in plasma predicts venous thromboembolism recurrence, major bleeding and mortality in the elderly: a prospective multicenter cohort study. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 306-318.	3.8	9
76	Role of the Nuclear Receptor Corepressor 1 (NCOR1) in Atherosclerosis and Associated Immunometabolic Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 569358.	4.8	9
77	Improving 1-year mortality prediction in ACS patients using machine learning. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 855-865.	1.0	9
78	Prognosis of Patients with Chronic and Hospital-Acquired Anaemia After Acute Coronary Syndromes. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 618-628.	2.4	8
79	Controlled-Level EVERolimus in Acute Coronary Syndrome (CLEVER-ACS) - A phase II, randomized, double-blind, multi-center, placebo-controlled trial. <i>American Heart Journal</i> , 2022, 247, 33-41.	2.7	8
80	Thrombus aspiration in acute coronary syndromes: prevalence, procedural success, change in serial troponin T levels and clinical outcomes in a contemporary Swiss cohort. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018, 7, 522-531.	1.0	7
81	Prognostic values of fasting hyperglycaemia in non-diabetic patients with acute coronary syndrome: A prospective cohort study. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 589-598.	1.0	7
82	Prognostic value of total testosterone levels in patients with acute coronary syndromes. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 235-242.	1.8	7
83	Residual inflammatory risk at 12 months after acute coronary syndromes is frequent and associated with combined adverse events. <i>Atherosclerosis</i> , 2021, 320, 31-37.	0.8	7
84	Clinical impact of a structured secondary cardiovascular prevention program following acute coronary syndromes: A prospective multicenter healthcare intervention. <i>PLoS ONE</i> , 2019, 14, e0211464.	2.5	6
85	Optimal Timing of Invasive Coronary Angiography following NSTEMI. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-9.	1.2	6
86	Elevated HbA1c is not associated with recurrent venous thromboembolism in the elderly, but with all-cause mortalityâ€”the SWEETCO 65+ study. <i>Scientific Reports</i> , 2020, 10, 2495.	3.3	6
87	CCN family member 1 (CCN1) is an early marker of infarct size and left ventricular dysfunction in STEMI patients. <i>Atherosclerosis</i> , 2021, 335, 77-83.	0.8	6
88	Is the amount of glow predicting the fire? Residual inflammatory risk after percutaneous coronary intervention. <i>European Heart Journal</i> , 2022, 43, e10-e13.	2.2	5
89	Intensified lipid lowering using ezetimibe after publication of the IMPROVE-IT trial: A contemporary analysis from the SPUM-ACS cohort. <i>International Journal of Cardiology</i> , 2020, 303, 8-13.	1.7	5
90	Prognostic role of plasma galectin-3 levels in acute coronary syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 869-878.	1.0	5

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91	Prognostic value of inflammatory biomarkers and GRACE score for cardiac death and acute kidney injury after acute coronary syndromes. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 445-452.	1.0	5
92	Inhibition of Vascular c-Jun N-Terminal Kinase 2 Improves Obesity-Induced Endothelial Dysfunction After Roux-Y Gastric Bypass. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	4
93	The Adherence to Initial Processes of Care in Elderly Patients with Acute Venous Thromboembolism. <i>PLoS ONE</i> , 2014, 9, e100164.	2.5	3
94	Risk stratification of elderly patients with acute pulmonary embolism. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13154.	3.4	3
95	Gender and age differences in outcomes of patients with acute coronary syndromes referred for coronary angiography. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 16-24.	1.7	3
96	Protective role of the co-stimulator CD27 receptor and regulatory T cells in early atherogenesis. <i>European Heart Journal</i> , 2017, 38, 3600-3602.	2.2	2
97	Hospital revascularisation capability and quality of care after an acute coronary syndrome in Switzerland. <i>Swiss Medical Weekly</i> , 2016, 146, w14275.	1.6	2
98	Smoking Cessation in People With and Without Diabetes After Acute Coronary Syndrome. <i>Nicotine and Tobacco Research</i> , 2023, 25, 58-65.	2.6	2
99	Pre-hospital alarm activation for STEMI patients undergoing primary percutaneous coronary intervention in the era of transradial procedures. <i>European Journal of Internal Medicine</i> , 2016, 35, 83-88.	2.2	1
100	Control of cardiovascular risk factors and health behaviors in patients post acute coronary syndromes eligible for protein convertase subtilisin/kexin-9 inhibitors. <i>International Journal of Cardiology</i> , 2020, 299, 289-295.	1.7	1
101	Association between income and control of cardiovascular risk factors after acute coronary syndromes: an observational study. <i>Swiss Medical Weekly</i> , 2019, 149, w20049.	1.6	1
102	Thrombin Generation to Predict the Risk of Venous Thromboembolism Recurrence, Major Bleeding and Death in the Elderly: A Prospective Multicenter Cohort Study. <i>Blood</i> , 2021, 138, 3222-3222.	1.4	1
103	The effect of oxygen in Sirt3-mediated myocardial protection: a proof-of-concept study in cultured cardiomyoblasts. <i>Journal of Thrombosis and Thrombolysis</i> , 2018, 46, 102-112.	2.1	0
104	Association between self-reported motivation to quit smoking with effectiveness of smoking cessation intervention among patients hospitalized for acute coronary syndromes in Switzerland. <i>Preventive Medicine Reports</i> , 2021, 24, 101583.	1.8	0
105	High-sensitivity Troponins "Difficult Friends in Acute Coronary Syndromes. <i>US Cardiology Review</i> , 2012, 9, 121-125.	0.5	0
106	Coronary stent thrombosis in acute coronary syndromes. <i>Cardiovascular Medicine(Switzerland)</i> , 0, , .	0.0	0