

Thorsten Kessler

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.

89
papers

6,434
citations

29
h-index

80
g-index

99
ext. papers

8,412
ext. citations

9.6
avg, IF

5.16
L-index

#	Paper	IF	Citations
89	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
88	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
87	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2578-89	15.1	458
86	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
85	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 1134-44	59.2	325
84	Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82	59.2	307
83	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
82	Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. <i>Stroke</i> , 2014 , 45, 24-36	6.7	245
81	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 823-836	15.1	146
80	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2761-2772	15.1	127
79	A decade of genome-wide association studies for coronary artery disease: the challenges ahead. <i>Cardiovascular Research</i> , 2018 , 114, 1241-1257	9.9	121
78	Predictors of Permanent Pacemaker Implantations and New-Onset Conduction Abnormalities With the SAPIEN 3 Balloon-Expandable Transcatheter Heart Valve. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 244-254	5	116
77	Association of Rare and Common Variation in the Lipoprotein Lipase Gene With Coronary Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 937-946	27.4	109
76	The impact of genome-wide association studies on the pathophysiology and therapy of cardiovascular disease. <i>EMBO Molecular Medicine</i> , 2016 , 8, 688-701	12	96
75	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 58-66	15.1	86
74	ADAMTS-7 inhibits re-endothelialization of injured arteries and promotes vascular remodeling through cleavage of thrombospondin-1. <i>Circulation</i> , 2015 , 131, 1191-201	16.7	84
73	Cardiometabolic effects of genetic upregulation of the interleukin 1 receptor antagonist: a Mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 243-53	18.1	81

72	Pro-Angiogenic Macrophage Phenotype to Promote Myocardial Repair. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2990-3002	15.1	63
71	Functional Characterization of the Coronary Artery Disease Risk Locus. <i>Circulation</i> , 2017 , 136, 476-489	16.7	61
70	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. <i>Circulation Research</i> , 2017 , 121, 81-88	15.7	48
69	Systematic analysis of variants related to familial hypercholesterolemia in families with premature myocardial infarction. <i>European Journal of Human Genetics</i> , 2016 , 24, 191-7	5.3	48
68	Genetic analysis for a shared biological basis between migraine and coronary artery disease. <i>Neurology: Genetics</i> , 2015 , 1, e10	3.8	46
67	Outcomes After Transcatheter Aortic Valve Replacement Using a Novel Balloon-Expandable Transcatheter Heart Valve: A Single-Center Experience. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1809-16	5.16	46
66	Genetics of coronary artery disease and myocardial infarction--2013. <i>Current Cardiology Reports</i> , 2013 , 15, 368	4.2	43
65	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
64	Monocytes and macrophages in cardiac injury and repair. <i>Journal of Thoracic Disease</i> , 2017 , 9, S30-S35	2.6	38
63	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017 , 135, 2336-2353	16.7	36
62	Genetics of coronary artery disease in the light of genome-wide association studies. <i>Clinical Research in Cardiology</i> , 2018 , 107, 2-9	6.1	33
61	Dietary nitrate load lowers blood pressure and renal resistive index in patients with chronic kidney disease: A pilot study. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 64, 7-15	5	31
60	Genetic alterations in the NO-cGMP pathway and cardiovascular risk. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 76, 105-112	5	27
59	Prognostic impact of anemia and iron-deficiency anemia in a contemporary cohort of patients undergoing transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , 2017 , 244, 93-99	3.2	24
58	Serum microRNA-1233 is a specific biomarker for diagnosing acute pulmonary embolism. <i>Journal of Translational Medicine</i> , 2016 , 14, 120	8.5	24
57	Ly6C Monocytes Oscillate in the Heart During Homeostasis and After Myocardial Infarction-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1640-1645	9.4	23
56	Role of sGC-dependent NO signalling and myocardial infarction risk. <i>Journal of Molecular Medicine</i> , 2015 , 93, 383-94	5.5	22
55	Role of CD40 and ADAMTS13 in von Willebrand factor-mediated endothelial cell-platelet-monocyte interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5556-E5565	11.5	22

54	Functional interaction of osteogenic transcription factors Runx2 and Vdr in transcriptional regulation of Opn during soft tissue calcification. <i>American Journal of Pathology</i> , 2013 , 183, 60-8	5.8	21
53	Genetically modulated educational attainment and coronary disease risk. <i>European Heart Journal</i> , 2019 , 40, 2413-2420	9.5	20
52	Compartment-resolved Proteomic Analysis of Mouse Aorta during Atherosclerotic Plaque Formation Reveals Osteoclast-specific Protein Expression. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 321-334	7.6	20
51	Network analysis reveals a causal role of mitochondrial gene activity in atherosclerotic lesion formation. <i>Atherosclerosis</i> , 2017 , 267, 39-48	3.1	19
50	Knock-out of nexilin in mice leads to dilated cardiomyopathy and endomyocardial fibroelastosis. <i>Basic Research in Cardiology</i> , 2016 , 111, 6	11.8	17
49	Status of Early-Career Academic Cardiology: A Global Perspective. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2290-2303	15.1	16
48	Acute mental stress drives vascular inflammation and promotes plaque destabilization in mouse atherosclerosis. <i>European Heart Journal</i> , 2021 , 42, 4077-4088	9.5	16
47	Stimulators of the soluble guanylyl cyclase: promising functional insights from rare coding atherosclerosis-related GUCY1A3 variants. <i>Basic Research in Cardiology</i> , 2016 , 111, 51	11.8	15
46	Genetic variation at the coronary artery disease risk locus GUCY1A3 modifies cardiovascular disease prevention effects of aspirin. <i>European Heart Journal</i> , 2019 , 40, 3385-3392	9.5	14
45	Antihypertensive drugs in COVID-19 infection. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020 , 6, 415-416	6.4	14
44	TRPV6 alleles do not influence prostate cancer progression. <i>BMC Cancer</i> , 2009 , 9, 380	4.8	12
43	Etidronate prevents dystrophic cardiac calcification by inhibiting macrophage aggregation. <i>Scientific Reports</i> , 2018 , 8, 5812	4.9	10
42	A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. <i>Scientific Reports</i> , 2017 , 7, 10252	4.9	10
41	Association of the coronary artery disease risk gene GUCY1A3 with ischaemic events after coronary intervention. <i>Cardiovascular Research</i> , 2019 , 115, 1512-1518	9.9	9
40	Functional association of a CD40 gene single-nucleotide polymorphism with the pathogenesis of coronary heart disease. <i>Cardiovascular Research</i> , 2020 , 116, 1214-1225	9.9	9
39	Shared genetic aetiology of coronary artery disease and atherosclerotic stroke - 2015. <i>Current Atherosclerosis Reports</i> , 2015 , 17, 498	6	7
38	Clinical validation of genetic markers for improved risk estimation. <i>European Journal of Preventive Cardiology</i> , 2012 , 19, 25-32	3.9	7
37	Interleukin-1 β suppression dampens inflammatory leukocyte production and uptake in atherosclerosis. <i>Cardiovascular Research</i> , 2021 ,	9.9	7

36	cGMP Signaling in Cardiovascular Diseases: Linking Genotype and Phenotype. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 75, 516-525	3.1	6
35	Inhibitors of the renin-angiotensin system and SARS-CoV-2 infection. <i>Herz</i> , 2020 , 45, 323-324	2.6	6
34	Cis-epistasis at the LPA locus and risk of cardiovascular diseases. <i>Cardiovascular Research</i> , 2021 ,	9.9	6
33	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. <i>International Journal of Cardiology</i> , 2019 , 276, 212-217	3.2	6
32	Coronary Artery Disease Genetics Enlightened by Genome-Wide Association Studies. <i>JACC Basic To Translational Science</i> , 2021 , 6, 610-623	8.7	6
31	Time-of-day at symptom onset was not associated with infarct size and long-term prognosis in patients with ST-segment elevation myocardial infarction. <i>Journal of Translational Medicine</i> , 2019 , 17, 180	8.5	5
30	Classification of ADAMTS binding sites: The first step toward selective ADAMTS7 inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 471, 380-5	3.4	5
29	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019 , 4,	9.9	5
28	Functional investigation of the coronary artery disease gene SVEP1. <i>Basic Research in Cardiology</i> , 2020 , 115, 67	11.8	5
27	A proteomic atlas of the neointima identifies novel druggable targets for preventive therapy. <i>European Heart Journal</i> , 2021 , 42, 1773-1785	9.5	5
26	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5
25	Impact of Acute and Chronic Psychosocial Stress on Vascular Inflammation. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 1531-1550	8.4	5
24	Genetics of coronary artery disease: Short people at risk?. <i>Expert Review of Cardiovascular Therapy</i> , 2015 , 13, 1169-72	2.5	4
23	Hospital admissions with acute coronary syndromes during the COVID-19 pandemic in German cardiac care units. <i>Cardiovascular Research</i> , 2020 , 116, 1800-1801	9.9	4
22	Conduction Abnormalities and Pacemaker Implantations After SAPIEN 3 Vs SAPIEN XT Prosthesis Aortic Valve Implantation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016 , 69, 141-8	0.7	4
21	Where the Action Is-Leukocyte Recruitment in Atherosclerosis.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 813984	5.4	4
20	Should We Use Genetic Scores in the Determination of Treatment Strategies to Control Dyslipidemias?. <i>Current Cardiology Reports</i> , 2020 , 22, 146	4.2	4
19	Investigating the impact of a mutation in PDE5A on myocardial infarction. <i>BMC Pharmacology & Toxicology</i> , 2015 , 16,	2.6	3

18	Genomic correlates of glatiramer acetate adverse cardiovascular effects lead to a novel locus mediating coronary risk. <i>PLoS ONE</i> , 2017 , 12, e0182999	3.7	3
17	Novel Approaches to Fine-Tune Therapeutic Targeting of Platelets in Atherosclerosis: A Critical Appraisal. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1492-1504	7	3
16	Transcriptome-wide association study of coronary artery disease identifies novel susceptibility genes.. <i>Basic Research in Cardiology</i> , 2022 , 117, 6	11.8	3
15	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , 2020 , 35, 685-697 ^{12.1}	12.1	2
14	Genomic Strategies Toward Identification of Novel Therapeutic Targets. <i>Handbook of Experimental Pharmacology</i> , 2020 , 1	3.2	2
13	SARS-CoV-2 Infection in Asymptomatic Patients Hospitalized for Cardiac Emergencies: Implications for Patient Management. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 599299	5.4	1
12	Influence of marital status in patients undergoing transcatheter aortic valve implantation. <i>Journal of Thoracic Disease</i> , 2019 , 11, 1888-1895	2.6	1
11	Functional evaluation of GUCY1A3 mutations associated with myocardial infarction risk. <i>BMC Pharmacology & Toxicology</i> , 2015 , 16,	2.6	1
10	Cis-epistasis at the LPA locus and risk of coronary artery disease		1
9	Ten-year clinical outcomes of polymer-free versus durable polymer new-generation drug-eluting stent in patients with coronary artery disease with and without diabetes mellitus : Results of the Intracoronary Stenting and Angiographic Results: Test Efficacy of Sirolimus- and Probuco- and Zotarolimus-Eluting Stents (ISAR-TEST 5) Trial. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1586-1598	6.1	1
8	Identification of a Functional Variant at the Chromosome 4q27 Coronary Artery Disease Locus in an Extended Myocardial Infarction Family. <i>Circulation</i> , 2021 , 144, 662-665	16.7	1
7	Angiographic performance of everolimus-eluting stents for the treatment of coronary in-stent restenosis in daily practice. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, 857-862	2.7	0
6	Prognostic value of haemoglobin drop in patients with acute coronary syndromes. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13670	4.6	0
5	Genomics to Predict Risk of Coronary Artery Disease 2018 , 127-146		
4	Improvement in Risk Stratification in Transcatheter Aortic Valve Implantation Using a Combination of the Tumor Marker CA125 and the Logistic EuroSCORE. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017 , 70, 186-193	0.7	
3	The influence of genetic risk and lifestyle on the development of coronary artery disease. <i>Journal of Public Health and Emergency</i> , 2017 , 1, 40-40	1.3	
2	Letter by Kessler et al Regarding Article, "Comparative Efficacy and Safety of Oral P2Y12 Inhibitors in Acute Coronary Syndrome: Network Meta-Analysis of 52 816 Patients From 12 Randomized Trials". <i>Circulation</i> , 2021 , 143, e230-e231	16.7	
1	Genetik der koronaren Herzkrankheit. <i>Aktuelle Kardiologie</i> , 2018 , 7, 197-203	0.1	

