Tanja Zeller

List of Publications by Citations

59 papers	3,255 citations	23 h-index	57 g-index
64 ext. papers	3,991 ext. citations	8.9 avg, IF	4.33 L-index

#	Paper	IF	Citations
59	Sensitive troponin I assay in early diagnosis of acute myocardial infarction. *New England Journal of Medicine*, **2009**, 361, 868-77	59.2	858
58	Contribution of 30 biomarkers to 10-year cardiovascular risk estimation in 2 population cohorts: the MONICA, risk, genetics, archiving, and monograph (MORGAM) biomarker project. *Circulation*, **2010**, 121, 2388-97	16.7	257
57	Distribution and medical impact of loss-of-function variants in the Finnish founder population. *PLoS Genetics*, **2014**, 10, e1004494	6	243
56	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. *European Heart Journal*, **2016**, 37, 2428-37	9.5	140
55	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. *New England Journal of Medicine*, **2019**, 380, 2529-2540	59.2	134
54	Diagnosis of Myocardial Infarction Using a High-Sensitivity Troponin I 1-Hour Algorithm. *JAMA Cardiology*, **2016**, 1, 397-404	16.2	125
53	Thirty-one novel biomarkers as predictors for clinically incident diabetes. *PLoS ONE*, **2010**, 5, e10100	3.7	124
52	High population prevalence of cardiac troponin I measured by a high-sensitivity assay and cardiovascular risk estimation: the MORGAM Biomarker Project Scottish Cohort. *European Heart Journal*, **2014**, 35, 271-81	9.5	123
51	Integrating genome-wide genetic variations and monocyte expression data reveals trans-regulated gene modules in humans. *PLoS Genetics*, **2011**, 7, e1002367	6	99
50	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. *BMC Medicine*, **2016**, 14, 205	11.4	85
49	Prospective Validation of the 0/1-h Algorithm for Early Diagnosis of Myocardial Infarction. *Journal of the American College of Cardiology*, **2018**, 72, 620-632	15.1	82
48	Dichloroacetate prevents restenosis in preclinical animal models of vessel injury. *Nature*, **2014**, 509, 641-4	40.4	64
47	Discrimination of patients with type 2 myocardial infarction. *European Heart Journal*, **2017**, 38, 3514-3520	9.5	63
46	BiomarCaRE: rationale and design of the European BiomarCaRE project including 300,000 participants from 13 European countries. *European Journal of Epidemiology*, **2014**, 29, 777-90	12.1	63
45	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease: Meta-Analysis of Six Population-Based Cohorts. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1222-1227	9.4	62
44	Heme oxygenase-1 suppresses a pro-inflammatory phenotype in monocytes and determines endothelial function and arterial hypertension in mice and humans. *European Heart Journal*, **2015**, 36, 3437-46	9.5	62
43	Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. *Circulation Research*, **2019**, 125, 328-340	15.7	59

42	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. *Human Molecular Genetics*, **2016**, 25, 358-70	5.6	54
41	High-sensitivity cardiac troponin I in the general population--defining reference populations for the determination of the 99th percentile in the Gutenberg Health Study. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, 699-706	5.9	47
40	Genetic Susceptibility Contributing to Periodontal and Cardiovascular Disease. *Journal of Dental Research*, **2017**, 96, 610-617	8.1	42
39	Immediate Rule-Out of Acute Myocardial Infarction Using Electrocardiogram and Baseline High-Sensitivity Troponin I. *Clinical Chemistry*, **2017**, 63, 394-402	5.5	41
38	Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. *International Journal of Epidemiology*, **2016**, 45, 1445-1457	7.8	41
37	Adverse Outcome Prediction of Iron Deficiency in Patients with Acute Coronary Syndrome. *Biomolecules*, **2018**, 8,	5.9	28
36	Challenging the 99th percentile: A lower troponin cutoff leads to low mortality of chest pain patients. *International Journal of Cardiology*, **2017**, 232, 289-293	3.2	21
35	Testosterone Levels and Type 2 Diabetes-No Correlation with Age, Differential Predictive Value in Men and Women. *Biomolecules*, **2018**, 8,	5.9	21
34	Transcriptome-Wide Analysis Identifies Novel Associations With Blood Pressure. *Hypertension*, **2017**, 70, 743-750	8.5	21
33	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. *PLoS ONE*, **2017**, 12, e0167742	3.7	21
32	Low testosterone levels are predictive for incident atrial fibrillation and ischaemic stroke in men, but protective in women - results from the FINRISK study. *European Journal of Preventive Cardiology*, **2018**, 25, 1133-1139	3.9	21
31	Adherence to Mediterranean diet, high-sensitive C-reactive protein, and severity of coronary artery disease: Contemporary data from the INTERCATH cohort. *Atherosclerosis*, **2018**, 275, 256-261	3.1	20
30	Relation between Arterial Stiffness and Markers of Inflammation and Hemostasis - Data from the Population-based Gutenberg Health Study. *Scientific Reports*, **2017**, 7, 6346	4.9	19
29	Roles of the Chr.9p21.3 Locus in Regulating Inflammation and Implications for Anti-Inflammatory Drug Target Identification. *Frontiers in Cardiovascular Medicine*, **2018**, 5, 47	5.4	16
28	Prognostic Value of Iron-Homeostasis Regulating Peptide Hepcidin in Coronary Heart Disease-Evidence from the Large AtheroGene Study. *Biomolecules*, **2018**, 8,	5.9	15
27	Genome-Wide Association Study Implicates Atrial Natriuretic Peptide Rather Than B-Type Natriuretic Peptide in the Regulation of Blood Pressure in the General Population. *Circulation: Cardiovascular Genetics*, **2017**, 10,		15
26	Modifiable lifestyle risk factors and C-reactive protein in patients with coronary artery disease: Implications for an anti-inflammatory treatment target population. *European Journal of Preventive Cardiology*, **2021**, 28, 152-158	3.9	14
25	MiR-145 expression and rare NOTCH1 variants in bicuspid aortic valve-associated aortopathy. *PLoS ONE*, **2018**, 13, e0200205	3.7	13

24	Intrinsic Iron Release Is Associated with Lower Mortality in Patients with Stable Coronary Artery Disease-First Report on the Prospective Relevance of Intrinsic Iron Release. *Biomolecules*, **2018**, 8,	5.9	13
23	Long-Chain Acylcarnitines and Cardiac Excitation-Contraction Coupling: Links to Arrhythmias. *Frontiers in Physiology*, **2020**, 11, 577856	4.6	13
22	Subclinical Cardiac Microdamage, Motor Severity, and Cognition in Parkinson's Disease. *Movement Disorders*, **2020**, 35, 1863-1868	7	12
21	High-sensitivity cardiac troponin I and NT-proBNP as predictors of incident dementia and Alzheimer's disease: the FINRISK Study. *Journal of Neurology*, **2017**, 264, 503-511	5.5	11
20	Cardiovascular magnetic resonance imaging in the prospective, population-based, Hamburg City Health cohort study: objectives and design. *Journal of Cardiovascular Magnetic Resonance*, **2018**, 20, 68	6.9	10
19	Plasma levels of hepatocyte growth factor and placental growth factor predict mortality in a general population: a prospective cohort study. *Journal of Internal Medicine*, **2017**, 282, 340-352	10.8	9
18	Evaluation of a new ultra-sensitivity troponin I assay in patients with suspected myocardial infarction. *International Journal of Cardiology*, **2019**, 283, 35-40	3.2	9
17	Performance of the ESC 0/1-h and 0/3-h Algorithm for the Rapid Identification of Myocardial Infarction Without ST-Elevation in Patients With Diabetes. *Diabetes Care*, **2020**, 43, 460-467	14.6	8
16	Cardiovascular Biomarkers in Amniotic Fluid, Umbilical Arterial Blood, Umbilical Venous Blood, and Maternal Blood at Delivery, and Their Reference Values for Full-Term, Singleton, Cesarean Deliveries. *Frontiers in Pediatrics*, **2019**, 7, 271	3.4	7
15	Predictive value of low testosterone concentrations regarding coronary heart disease and mortality in men and women - evidence from the FINRISK97 study. *Journal of Internal Medicine*, **2019**, 286, 317-325	10.8	6
14	Lipid Management After First Diagnosis of Coronary Artery Disease: Contemporary Results From an Observational Cohort Study. *Clinical Therapeutics*, **2017**, 39, 2311-2320.e2	3.5	6
13	Association of lipid levels with motor and cognitive function and decline in advanced Parkinson's disease in the Mark-PD study. *Parkinsonism and Related Disorders*, **2021**, 85, 5-10	3.6	5
12	Prognostic use of soluble fms-like tyrosine kinase-1 and placental growth factor in patients with coronary artery disease. *Biomarkers in Medicine*, **2016**, 10, 95-106	2.3	4
11	Association of high-sensitivity troponin T and I with the severity of stable coronary artery disease in patients with chronic kidney disease. *Atherosclerosis*, **2020**, 313, 81-87	3.1	4
10	The need for PCSK9 inhibitors and associated treatment costs according to the 2019 ESC dyslipidaemia guidelines vs. the risk-based allocation algorithm of the 2017 ESC consensus statement: a simulation study in a contemporary CAD cohort. *European Journal of Preventive Cardiology*, **2021**, 28, 47-56	3.9	3
9	Cardiac Troponin I and Incident Stroke in European Cohorts: Insights From the BiomarCaRE Project. *Stroke*, **2020**, 51, 2770-2777	6.7	3
8	Serum neurofilament is associated with motor function, cognitive decline and subclinical cardiac damage in advanced Parkinson's disease (MARK-PD). *Parkinsonism and Related Disorders*, **2021**, 90, 44-48	3.6	3
7	Target Populations and Treatment Cost for Bempedoic Acid and PCSK9 Inhibitors: A Simulation Study in a Contemporary CAD Cohort. *Clinical Therapeutics*, **2021**, 43, 1583-1600	3.5	2

List of Publications

6	Circulating microRNAs vs. aortic diameter in bicuspid aortic valve aortopathy. *Asian Cardiovascular and Thoracic Annals*, **2020**, 218492320927233	0.6	1
5	CRIP1 expression in monocytes related to hypertension. *Clinical Science*, **2021**, 135, 911-924	6.5	1
4	Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. *Diabetes Care*, **2021**, 44, 2527-2535	14.6	1
3	Reply to: "Parkin Deficiency Appears Not to Be Associated with Cardiac Damage in Parkinson's Disease". *Movement Disorders*, **2021**, 36, 273-274	7	1
2	Reply to: "N-Terminal Pro-B-Type Natriuretic Peptide Levels in Parkinson's Disease". *Movement Disorders*, **2020**, 35, 1888	7	
1	Expression of cardiovascular-related microRNAs is altered in L-arginine:glycine amidinotransferase deficient mice.. *Scientific Reports*, **2022**, 12, 5108	4.9	