

Tanja Zeller

List of Publications by Year in descending order

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62
papers

4,523
citations

186265

28
h-index

123424

61
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64
all docs

64
docs citations

64
times ranked

8237
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive Troponin I Assay in Early Diagnosis of Acute Myocardial Infarction. New England Journal of Medicine, 2009, 361, 868-877.	27.0	1,021
2	Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. PLoS Genetics, 2014, 10, e1004494.	3.5	351
3	Contribution of 30 Biomarkers to 10-Year Cardiovascular Risk Estimation in 2 Population Cohorts. Circulation, 2010, 121, 2388-2397.	1.6	320
4	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. New England Journal of Medicine, 2019, 380, 2529-2540.	27.0	230
5	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. European Heart Journal, 2016, 37, 2428-2437.	2.2	200
6	Diagnosis of Myocardial Infarction Using a High-Sensitivity Troponin I 1-Hour Algorithm. JAMA Cardiology, 2016, 1, 397.	6.1	186
7	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, 271-281.	2.2	160
8	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. BMC Medicine, 2016, 14, 205.	5.5	150
9	Thirty-One Novel Biomarkers as Predictors for Clinically Incident Diabetes. PLoS ONE, 2010, 5, e10100.	2.5	149
10	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.	2.8	147
11	Integrating Genome-Wide Genetic Variations and Monocyte Expression Data Reveals Trans-Regulated Gene Modules in Humans. PLoS Genetics, 2011, 7, e1002367.	3.5	126
12	Discrimination of patients with type 2 myocardial infarction. European Heart Journal, 2017, 38, 3514-3520.	2.2	96
13	Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. Circulation Research, 2019, 125, 328-340.	4.5	86
14	BiomarCaRE: rationale and design of the European BiomarCaRE project including 300,000 participants from 13 European countries. European Journal of Epidemiology, 2014, 29, 777-790.	5.7	83
15	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1222-1227.	2.4	81
16	Dichloroacetate prevents restenosis in preclinical animal models of vessel injury. Nature, 2014, 509, 641-644.	27.8	78
17	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, 3437-3446.	2.2	76
18	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. Human Molecular Genetics, 2016, 25, 358-370.	2.9	73

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19	High-sensitivity cardiac troponin I in the general population â€“ defining reference populations for the determination of the 99th percentile in the Gutenberg Health Study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 699-706.	2.3	62
20	Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. <i>International Journal of Epidemiology</i> , 2016, 45, 1445-1457.	1.9	62
21	Genetic Susceptibility Contributing to Periodontal and Cardiovascular Disease. <i>Journal of Dental Research</i> , 2017, 96, 610-617.	5.2	59
22	Immediate Rule-Out of Acute Myocardial Infarction Using Electrocardiogram and Baseline High-Sensitivity Troponin I. <i>Clinical Chemistry</i> , 2017, 63, 394-402.	3.2	57
23	Adverse Outcome Prediction of Iron Deficiency in Patients with Acute Coronary Syndrome. <i>Biomolecules</i> , 2018, 8, 60.	4.0	39
24	Low testosterone levels are predictive for incident atrial fibrillation and ischaemic stroke in men, but protective in women â€“ results from the FINRISK study. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1133-1139.	1.8	38
25	Adherence to Mediterranean diet, high-sensitive C-reactive protein, and severity of coronary artery disease: Contemporary data from the INTERCATH cohort. <i>Atherosclerosis</i> , 2018, 275, 256-261.	0.8	36
26	Transcriptome-Wide Analysis Identifies Novel Associations With Blood Pressure. <i>Hypertension</i> , 2017, 70, 743-750.	2.7	34
27	Modifiable lifestyle risk factors and C-reactive protein in patients with coronary artery disease: Implications for an anti-inflammatory treatment target population. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 152-158.	1.8	34
28	Long-Chain Acylcarnitines and Cardiac Excitation-Contraction Coupling: Links to Arrhythmias. <i>Frontiers in Physiology</i> , 2020, 11, 577856.	2.8	30
29	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017, 12, e0167742.	2.5	29
30	Testosterone Levels and Type 2 Diabetesâ€”No Correlation with Age, Differential Predictive Value in Men and Women. <i>Biomolecules</i> , 2018, 8, 76.	4.0	28
31	Challenging the 99th percentile: A lower troponin cutoff leads to low mortality of chest pain patients. <i>International Journal of Cardiology</i> , 2017, 232, 289-293.	1.7	27
32	Relation between Arterial Stiffness and Markers of Inflammation and Hemostasis â€“ Data from the Population-based Gutenberg Health Study. <i>Scientific Reports</i> , 2017, 7, 6346.	3.3	26
33	Genome-Wide Association Study Implicates Atrial Natriuretic Peptide Rather Than B-Type Natriuretic Peptide in the Regulation of Blood Pressure in the General Population. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	26
34	High-sensitivity cardiac troponin I and NT-proBNP as predictors of incident dementia and Alzheimerâ€™s disease: the FINRISK Study. <i>Journal of Neurology</i> , 2017, 264, 503-511.	3.6	20
35	Evaluation of a new ultra-sensitivity troponin I assay in patients with suspected myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 283, 35-40.	1.7	19
36	Serum neurofilament is associated with motor function, cognitive decline and subclinical cardiac damage in advanced Parkinson's disease (MARK-PD). <i>Parkinsonism and Related Disorders</i> , 2021, 90, 44-48.	2.2	19

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37	Roles of the Chr.9p21.3 ANRIL Locus in Regulating Inflammation and Implications for Anti-Inflammatory Drug Target Identification. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 47.	2.4	18
38	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. <i>Diabetes Care</i> , 2020, 43, 460-467.	8.6	18
39	Subclinical Cardiac Microdamage, Motor Severity, and Cognition in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1863-1868.	3.9	18
40	Plasma levels of hepatocyte growth factor and placental growth factor predict mortality in a general population: a prospective cohort study. <i>Journal of Internal Medicine</i> , 2017, 282, 340-352.	6.0	17
41	Prognostic Value of Iron-Homeostasis Regulating Peptide Heparin in Coronary Heart Disease—Evidence from the Large AtheroGene Study. <i>Biomolecules</i> , 2018, 8, 43.	4.0	17
42	Target Populations and Treatment Cost for Bempedoic Acid and PCSK9 Inhibitors: A Simulation Study in a Contemporary CAD Cohort. <i>Clinical Therapeutics</i> , 2021, 43, 1583-1600.	2.5	17
43	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. <i>Frontiers in Pediatrics</i> , 2019, 7, 271.	1.9	16
44	MiR-145 expression and rare NOTCH1 variants in bicuspid aortic valve-associated aortopathy. <i>PLoS ONE</i> , 2018, 13, e0200205.	2.5	15
45	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. <i>Biomolecules</i> , 2018, 8, 72.	4.0	14
46	Cardiovascular magnetic resonance imaging in the prospective, population-based, Hamburg City Health cohort study: objectives and design. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 68.	3.3	13
47	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. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 47-56.	1.8	13
48	A Biomarker Ocular. <i>Circulation Research</i> , 2017, 121, 905-907.	4.5	11
49	Predictive value of low testosterone concentrations regarding coronary heart disease and mortality in men and women — evidence from the <sc>FINRISK</sc>97 study. <i>Journal of Internal Medicine</i> , 2019, 286, 317-325.	6.0	11
50	Lipid Management After First Diagnosis of Coronary Artery Disease: Contemporary Results From an Observational Cohort Study. <i>Clinical Therapeutics</i> , 2017, 39, 2311-2320.e2.	2.5	10
51	Association of lipid levels with motor and cognitive function and decline in advanced Parkinson's disease in the Mark-PD study. <i>Parkinsonism and Related Disorders</i> , 2021, 85, 5-10.	2.2	10
52	Cardiac Troponin I and Incident Stroke in European Cohorts. <i>Stroke</i> , 2020, 51, 2770-2777.	2.0	9
53	The association of anaemia and high-sensitivity cardiac troponin and its effect on diagnosing myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, , .	1.0	7
54	Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. <i>Diabetes Care</i> , 2021, 44, 2527-2535.	8.6	7

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55	Association of high-sensitivity troponin T and I with the severity of stable coronary artery disease in patients with chronic kidney disease. <i>Atherosclerosis</i> , 2020, 313, 81-87.	0.8	6
56	Prognostic use of soluble fms-like tyrosine kinase-1 and placental growth factor in patients with coronary artery disease. <i>Biomarkers in Medicine</i> , 2016, 10, 95-106.	1.4	5
57	CRIP1 expression in monocytes related to hypertension. <i>Clinical Science</i> , 2021, 135, 911-924.	4.3	5
58	Cyclic GMP-Dependent Regulation of Vascular Tone and Blood Pressure Involves Cysteine-Rich LIM-Only Protein 4 (CRP4). <i>International Journal of Molecular Sciences</i> , 2021, 22, 9925.	4.1	2
59	Circulating microRNAs vs. aortic diameter in bicuspid aortic valve aortopathy. <i>Asian Cardiovascular and Thoracic Annals</i> , 2020, , 021849232092723.	0.5	1
60	Reply to: "Parkin Deficiency Appears Not to Be Associated with Cardiac Damage in Parkinson's Disease". <i>Movement Disorders</i> , 2021, 36, 273-274.	3.9	1
61	Expression of cardiovascular-related microRNAs is altered in L-arginine:glycine amidinotransferase deficient mice. <i>Scientific Reports</i> , 2022, 12, 5108.	3.3	1
62	Reply to: "Terminal Pro-BNP Type Natriuretic Peptide Levels in Parkinson's Disease". <i>Movement Disorders</i> , 2020, 35, 1888-1888.	3.9	0