

Evangelos K Oikonomou

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,614
citations

257101

24
h-index

205818

48
g-index

56
all docs

56
docs citations

56
times ranked

4407
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive detection of coronary inflammation using computed tomography and prediction of residual cardiovascular risk (the CRISP CT study): a post-hoc analysis of prospective outcome data. <i>Lancet, The</i> , 2018, 392, 929-939.	6.3	589
2	Detecting human coronary inflammation by imaging perivascular fat. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	562
3	Inflammatory cytokines in atherosclerosis: current therapeutic approaches. <i>European Heart Journal</i> , 2016, 37, 1723-1732.	1.0	346
4	The role of adipose tissue in cardiovascular health and disease. <i>Nature Reviews Cardiology</i> , 2019, 16, 83-99.	6.1	288
5	A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CT angiography. <i>European Heart Journal</i> , 2019, 40, 3529-3543.	1.0	268
6	Assessment of Prognostic Value of Left Ventricular Global Longitudinal Strain for Early Prediction of Chemotherapy-Induced Cardiotoxicity. <i>JAMA Cardiology</i> , 2019, 4, 1007.	3.0	218
7	Association of Biologic Therapy With Coronary Inflammation in Patients With Psoriasis as Assessed by Perivascular Fat Attenuation Index. <i>JAMA Cardiology</i> , 2019, 4, 885.	3.0	132
8	From the BMI paradox to the obesity paradox: the obesityâ€“mortality association in coronary heart disease. <i>Obesity Reviews</i> , 2016, 17, 989-1000.	3.1	119
9	The role of microRNAs in coronary artery disease: From pathophysiology to diagnosis and treatment. <i>Atherosclerosis</i> , 2015, 241, 624-633.	0.4	89
10	Perivascular adipose tissue and coronary atherosclerosis. <i>Heart</i> , 2018, 104, 1654-1662.	1.2	72
11	Perivascular Fat Attenuation Index Stratifies Cardiac Risk Associated With High-Risk Plaques in theÂCRISP-CT Study. <i>Journal of the American College of Cardiology</i> , 2020, 76, 755-757.	1.2	59
12	Artificial intelligence in medical imaging: A radiomic guide to precision phenotyping of cardiovascular disease. <i>Cardiovascular Research</i> , 2020, 116, 2040-2054.	1.8	59
13	Effects of canagliflozin on human myocardial redox signalling: clinical implications. <i>European Heart Journal</i> , 2021, 42, 4947-4960.	1.0	57
14	Adipose tissueâ€“derived WNT5A regulates vascular redox signaling in obesity via USP17/RAC1-mediated activation of NADPH oxidases. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	54
15	Stem Cell Therapy for Congenital Heart Disease. <i>Circulation</i> , 2017, 136, 2373-2385.	1.6	50
16	Predictive value of telomere length on outcome following acute myocardial infarction: evidence for contrasting effects of vascular vs. blood oxidative stress. <i>European Heart Journal</i> , 2017, 38, 3094-3104.	1.0	48
17	Heart transplantation versus left ventricular assist devices as destination therapy or bridge to transplantation for 1-year mortality: a systematic review and meta-analysis. <i>Annals of Cardiothoracic Surgery</i> , 2018, 7, 3-11.	0.6	45
18	A prospective study of external stenting of saphenous vein grafts to the right coronary artery: the VEST II study. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 952-958.	0.6	43

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19	Biomarkers of Vascular Inflammation for Cardiovascular Risk Prognostication. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 460-471.	2.3	37
20	Efficacy of ganglionated plexi ablation in addition to pulmonary vein isolation for paroxysmal versus persistent atrial fibrillation: a meta-analysis of randomized controlled clinical trials. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2017, 50, 253-260.	0.6	36
21	Cardiac Computed Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2207-2219.	1.1	36
22	Myocarditis Surveillance in Patients with Advanced Melanoma on Combination Immune Checkpoint Inhibitor Therapy: The Memorial Sloan Kettering Cancer Center Experience. <i>Oncologist</i> , 2019, 24, e196-e197.	1.9	31
23	Development of a risk score for early saphenous vein graft failure: An individual patient data meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 116-127.e4.	0.4	29
24	Assessing Cardiovascular Risk by Using the Fat Attenuation Index in Coronary CT Angiography. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e200563.	0.9	29
25	The Prognostic Role of Late Gadolinium Enhancement in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 385-392.	2.3	26
26	Standardized measurement of coronary inflammation using cardiovascular computed tomography: integration in clinical care as a prognostic medical device. <i>Cardiovascular Research</i> , 2021, 117, 2677-2690.	1.8	26
27	Role of deferred stenting in patients with ST elevation myocardial infarction treated with primary percutaneous coronary intervention: A systematic review and meta-analysis. <i>Journal of Interventional Cardiology</i> , 2017, 30, 264-273.	0.5	23
28	The effect of in-hospital acquired thrombocytopenia on the outcome of patients with acute coronary syndromes: A systematic review and meta-analysis. <i>Thrombosis Research</i> , 2016, 147, 64-71.	0.8	19
29	Immunometabolic Regulation of Vascular Redox State: The Role of Adipose Tissue. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 313-336.	2.5	19
30	Vascular inflammation and metabolic activity in hematopoietic organs and liver in familial combined hyperlipidemia and heterozygous familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , 2018, 12, 33-43.	0.6	19
31	Impact of Cancer Therapy-Related Cardiac Dysfunction on Risk of Heart Failure in Pregnancy. <i>JACC: CardioOncology</i> , 2020, 2, 153-162.	1.7	17
32	A phenomapping-derived tool to personalize the selection of anatomical vs. functional testing in evaluating chest pain (ASSIST). <i>European Heart Journal</i> , 2021, 42, 2536-2548.	1.0	17
33	Artificial intelligence in cardiovascular imaging—principles, expectations, and limitations. <i>European Heart Journal</i> , 2021, , .	1.0	17
34	The Role and Predictive Value of Cytokines in Atherosclerosis and Coronary Artery Disease. <i>Current Medicinal Chemistry</i> , 2015, 22, 2636-2650.	1.2	17
35	The predictive value of baseline pulmonary hypertension in early and long term cardiac and all-cause mortality after transcatheter aortic valve implantation for patients with severe aortic valve stenosis: A systematic review and meta-analysis. <i>Cardiovascular Revascularization Medicine</i> , 2018, 19, 859-867.	0.3	15
36	Insulin-induced vascular redox dysregulation in human atherosclerosis is ameliorated by dipeptidyl peptidase 4 inhibition. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	15

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37	Prognostic implications of epicardial fat volume quantification in acute pericarditis. <i>European Journal of Clinical Investigation</i> , 2017, 47, 129-136.	1.7	13
38	Phenomapping-Derived Tool to Individualize the Effect of Canagliflozin on Cardiovascular Risk in Type 2 Diabetes. <i>Diabetes Care</i> , 2022, 45, 965-974.	4.3	13
39	Pregnancy associated plasma protein-A as a prognostic biomarker of all-cause mortality and cardiovascular events in patients presenting with chest pain: a systematic review. <i>Biomarkers</i> , 2018, 23, 1-9.	0.9	11
40	Multimodality Advanced Cardiovascular and Molecular Imaging for Early Detection and Monitoring of Cancer Therapy-Associated Cardiotoxicity and the Role of Artificial Intelligence and Big Data. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 829553.	1.1	11
41	Meta-Analysis of Transthoracic Echocardiography Versus Cardiac Magnetic Resonance for the Assessment of Aortic Regurgitation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019, 124, 1246-1251.	0.7	10
42	Association Between Impaired Myocardial Flow Reserve on ⁸² Rubidium Positron Emission Tomography Imaging and Adverse Events in Patients With Autoimmune Rheumatic Disease. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012208.	1.3	7
43	Development and Validation of a Clinical Score for Cardiovascular Risk Stratification of Long-Term Childhood Cancer Survivors. <i>Oncologist</i> , 2018, 23, 965-973.	1.9	5
44	Non-steroidal treatment of cardiac sarcoidosis: A systematic review. <i>IJC Heart and Vasculature</i> , 2021, 34, 100782.	0.6	5
45	The impact of induction therapy on mortality and treated rejection in cardiac transplantation: A retrospective study. <i>Journal of Heart and Lung Transplantation</i> , 2022, , .	0.3	5
46	Statins as Pleiotropic Modifiers of Vascular Oxidative Stress and Inflammation. <i>The Journal of Critical Care Medicine</i> , 2015, 1, 43-54.	0.3	3
47	Methodological Remarks in the Meta-Analysis on the Impact of Baseline Pulmonary Hypertension on Post-Transcatheter Aortic Valve Implantation Outcomes. <i>American Journal of Cardiology</i> , 2017, 120, 513-514.	0.7	2
48	Impaired Myocardial Flow Reserve on ⁸² Rubidium Positron Emission Tomography/Computed Tomography in Patients With Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2021, 48, 1574-1582.	1.0	2
49	...Radiotranscriptomic analysis of perivascular adipose tissue quantifies vascular inflammation in covid-19 from routine CT angiograms: Stratification of new UK variant...Infection and prediction of in-hospital outcomes. , 2021, , .		1
50	Response to "Prognostic Value of Epicardial Fat Thickness as a Biomarker of Increased Inflammatory Status in Patients with Type 2 Diabetes Mellitus and Acute Myocardial Infarction" Journal of Cardiovascular Emergencies, 2016, 2, 91-92.	0.1	0
51	Detection of coronary inflammation " Authors' reply. <i>Lancet, The</i> , 2019, 393, 2199-2200.	6.3	0
52	Molecular imaging to guide precision diagnosis and prevention of cancer therapeutics-related cardiac dysfunction. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 355-358.	1.5	0
53	Long-Term Impact of Body Mass Index on Survival of Patients Undergoing Cardiac Resynchronization Therapy: A Multi-Centre Study. <i>American Journal of Cardiology</i> , 2021, 153, 79-85.	0.7	0
54	Abstract 21015: Coronary Inflammation in Humans Drives Spatial Changes of Perivascular Adipose Tissue Composition Detectable by a Novel Computed Tomography-Based Technology. <i>Circulation</i> , 2017, 136, .	1.6	0