

# Elena Osto

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,303  
citations

257450

24  
h-index

223800

46  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4125  
citing authors

#	ARTICLE	IF	CITATIONS
1	The promise of the gut metabolite propionate for a novel and personalized lipid-lowering treatment. <i>European Heart Journal</i> , 2022, 43, 534-537.	2.2	6
2	Multiparametric analysis of coronary flow in psoriasis using a coronary flow reserve companion. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13711.	3.4	6
3	Deletion of BACH1 Attenuates Atherosclerosis by Reducing Endothelial Inflammation. <i>Circulation Research</i> , 2022, 130, 1038-1055.	4.5	55
4	Effects of acute administration of trimethylamine N-oxide on endothelial function: a translational study. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
5	Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. <i>Cardiovascular Research</i> , 2021, 117, 29-42.	3.8	164
6	Quantification of perivascular inflammation does not provide incremental prognostic value over myocardial perfusion imaging and calcium scoring. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1806-1812.	6.4	17
7	The Endothelium Is Both a Target and a Barrier of HDL's Protective Functions. <i>Cells</i> , 2021, 10, 1041.	4.1	45
8	Long-term dietary supplementation with plant-derived omega-3 fatty acid improves outcome in experimental ischemic stroke. <i>Atherosclerosis</i> , 2021, 325, 89-98.	0.8	8
9	Single-Cell Analysis Identify Transcription Factor BACH1 as a Master Regulator Gene in Vascular Cells During Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 786496.	3.7	8
10	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPAR $\gamma$ signature. <i>European Heart Journal</i> , 2020, 41, 995-1005.	2.2	56
11	Sex and gender in cardiovascular medicine: presentation and outcomes of acute coronary syndrome. <i>European Heart Journal</i> , 2020, 41, 1328-1336.	2.2	167
12	Blood Pressure-Lowering Therapy. <i>Handbook of Experimental Pharmacology</i> , 2020, , 1.	1.8	1
13	Endothelial dysfunction in COVID-19: a position paper of the ESC Working Group for Atherosclerosis and Vascular Biology, and the ESC Council of Basic Cardiovascular Science. <i>Cardiovascular Research</i> , 2020, 116, 2177-2184.	3.8	331
14	A portrait of the ESC Working Group Atherosclerosis and Vascular Biology. <i>European Heart Journal</i> , 2020, 41, 2233-2235.	2.2	0
15	High Density Lipoproteins: Metabolism, Function, and Therapeutic Potential. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 39.	2.4	52
16	Long-term prognostic value of coronary flow reserve in psoriasis patients. <i>Atherosclerosis</i> , 2019, 289, 57-63.	0.8	23
17	Quantification of intrathoracic fat adds prognostic value in women undergoing myocardial perfusion imaging. <i>International Journal of Cardiology</i> , 2019, 292, 258-264.	1.7	9
18	OP0186...LIN-GP38+ STROMAL CELLS ARE KEY EFFECTOR CELLS IN MYOCARDIAL FIBROSIS AND DEFECTS OF THE CONDUCTION SYSTEM. , 2019, , .		0

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19	Sex-Specific Interpretation of Coronary Flow Reserve and Fractional Flow Reserve Metrics, Including Their Companions. , 2019, 2019, 7006-7009.		6
20	The crosstalk between the cardiovascular and the immune system. Vascular Biology (Bristol,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.2	15
21	Coronary microvascular dysfunction may be related to IGF-1 in acromegalic patients and can be restored by therapy. Atherosclerosis, 2018, 269, 100-105.	0.8	13
22	Heart Transplantation Survival and Sex-Related Differences. Advances in Experimental Medicine and Biology, 2018, 1065, 379-388.	1.6	9
23	Women and Men in the History of Western Cardiology: Some Notes on Their Position as Patients, Role as Investigational Study Subjects, and Impact as Professionals. Advances in Experimental Medicine and Biology, 2018, 1065, 1-30.	1.6	5
24	The Heart as a Psychoneuroendocrine and Immunoregulatory Organ. Advances in Experimental Medicine and Biology, 2018, 1065, 225-239.	1.6	14
25	Transforming growth factor- $\beta$ -dependent Wnt secretion controls myofibroblast formation and myocardial fibrosis progression in experimental autoimmune myocarditis. European Heart Journal, 2017, 38, ehw116.	2.2	134
26	Anacetrapib, but not evacetrapib, impairs endothelial function in CETP-transgenic mice in spite of marked HDL-C increase. Atherosclerosis, 2017, 257, 186-194.	0.8	17
27	Laparoscopic Roux-en-Y gastric bypass versus laparoscopic mini gastric bypass in the treatment of obesity: study protocol for a randomized controlled trial. Trials, 2017, 18, 226.	1.6	8
28	JNK2 INHIBITION IMPROVES OBESITY INDUCED ENDOTHELIAL DYSFUNCTION AND OXIDATIVE STRESS AFTER ROUX-EN-Y GASTRIC BYPASS. Journal of the American College of Cardiology, 2017, 69, 2000.	2.8	0
29	Inhibition of Vascular c-Jun N-Terminal Kinase 2 Improves Obesity-Induced Endothelial Dysfunction After Roux-en-Y Gastric Bypass. Journal of the American Heart Association, 2017, 6, .	3.7	4
30	Lidocaine Enhances Contractile Function of Ischemic Myocardial Regions in Mouse Model of Sustained Myocardial Ischemia. PLoS ONE, 2016, 11, e0154699.	2.5	5
31	Treatment with tumor necrosis factor inhibitors restores coronary microvascular function in young patients with severe psoriasis. Atherosclerosis, 2016, 251, 25-30.	0.8	47
32	Influence of Roux-en-Y gastric bypass on plasma bile acid profiles: a comparative study between rats, pigs and humans. International Journal of Obesity, 2016, 40, 1260-1267.	3.4	61
33	Glucagon-like peptide-1, glucagon-like peptide-2, and lipid metabolism. Current Opinion in Lipidology, 2016, 27, 257-263.	2.7	27
34	Coronary Microvascular Function and Beyond: The Crosstalk between Hormones, Cytokines, and Neurotransmitters. International Journal of Endocrinology, 2015, 2015, 1-17.	1.5	18
35	Rapid and Body Weight-Independent Improvement of Endothelial and High-Density Lipoprotein Function After Roux-en-Y Gastric Bypass. Circulation, 2015, 131, 871-881.	1.6	103
36	Coronary microvascular dysfunction due to essential thrombocythemia and polycythemia vera: The missing piece in the puzzle of their increased cardiovascular risk?. American Journal of Hematology, 2015, 90, 109-113.	4.1	17

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37	Systemic inflammation is related to coronary microvascular dysfunction in obese patients without obstructive coronary disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 447-453.	2.6	70
38	Deletion of the Activated Protein-1 Transcription Factor JunD Induces Oxidative Stress and Accelerates Age-Related Endothelial Dysfunction. <i>Circulation</i> , 2013, 127, 1229-1240.	1.6	90
39	Coronary Microvascular Dysfunction Induced by Primary Hyperparathyroidism is Restored After Parathyroidectomy. <i>Circulation</i> , 2012, 126, 1031-1039.	1.6	71
40	Gene Silencing of the Mitochondrial Adaptor p66 <sup>Shc</sup> Suppresses Vascular Hyperglycemic Memory in Diabetes. <i>Circulation Research</i> , 2012, 111, 278-289.	4.5	219
41	Impaired coronary flow reserve in young patients affected by severe psoriasis. <i>Atherosclerosis</i> , 2012, 221, 113-117.	0.8	65
42	Impaired endothelial progenitor cell recruitment may contribute to heart transplant microvasculopathy. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 70-76.	0.6	14
43	Coronary Flow Reserve by Transthoracic Echocardiography Predicts Epicardial Intimal Thickening in Cardiac Allograft Vasculopathy. <i>American Journal of Transplantation</i> , 2010, 10, 1677-1685.	4.7	44
44	Impact of multivessel coronary artery disease on early ischemic injury, late clinical outcome, and remodeling in patients with acute myocardial infarction treated by primary coronary angioplasty. <i>Coronary Artery Disease</i> , 2010, 21, 78-86.	0.7	29
45	PSORIASIS EARLY IMPAIRS CORONARY FLOW RESERVE: NEW INSIGHTS INTO INFLAMMATION AND CORONARY MICROVASCULAR DYSFUNCTION. <i>Journal of the American College of Cardiology</i> , 2010, 55, A167.E1564.	2.8	0
46	CORONARY MICROVASCULAR DYSFUNCTION IN PRIMARY HYPERPARATHYROIDISM PATIENTS: A HINT FOR THEIR INCREASED CARDIOVASCULAR RISK. <i>Journal of the American College of Cardiology</i> , 2010, 55, A153.E1436.	2.8	0
47	The Role of Oxidative Stress in Endothelial Dysfunction and Vascular Inflammation. , 2010, , 705-754.		13
48	Endothelial Dysfunction in Cardiac Allograft Vasculopathy: Potential Pharmacological Interventions. <i>Current Vascular Pharmacology</i> , 2010, 8, 169-188.	1.7	9
49	Determinants of Coronary Flow Reserve in Heart Transplantation: A Study Performed With Contrast-enhanced Echocardiography. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 453-460.	0.6	26
50	Pulsatile Stretch Induces Release of Angiotensin II and Oxidative Stress in Human Endothelial Cells: Effects of ACE Inhibition and AT <sub>1</sub> Receptor Antagonism. <i>Clinical and Experimental Hypertension</i> , 2008, 30, 616-627.	1.3	27
51	Inhibition of Protein Kinase C $\beta$ Prevents Foam Cell Formation by Reducing Scavenger Receptor A Expression in Human Macrophages. <i>Circulation</i> , 2008, 118, 2174-2182.	1.6	41
52	c-Jun N-Terminal Kinase 2 Deficiency Protects Against Hypercholesterolemia-Induced Endothelial Dysfunction and Oxidative Stress. <i>Circulation</i> , 2008, 118, 2073-2080.	1.6	83
53	Restoring the Dysfunctional Endothelium. <i>Current Pharmaceutical Design</i> , 2007, 13, 1053-1068.	1.9	35
54	From traditional Mediterranean, Ayurvedic and Chinese medicine to the modern time: integration of pathophysiological, medical and epistemological knowledge. <i>Longhua Chinese Medicine</i> , 0, 3, 21-21.	0.5	3

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55	Coronary Flow Evaluation in Heart Transplant Patients Compared to Healthy Controls Documents the Superiority of Coronary Flow Velocity Reserve Companion as Diagnostic and Prognostic Tool. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	6
56	Introducing the new Task Force on Cardiovascular Risk Factors of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 0, , .	1.8	0