

Elena Osto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1531305/publications.pdf>

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	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
2	Gene Silencing of the Mitochondrial Adaptor p66 ^{Shc} Suppresses Vascular Hyperglycemic Memory in Diabetes. <i>Circulation Research</i> , 2012, 111, 278-289.	4.5	219
3	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
4	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
5	Transforming growth factor- β -dependent Wnt secretion controls myofibroblast formation and myocardial fibrosis progression in experimental autoimmune myocarditis. <i>European Heart Journal</i> , 2017, 38, ehw116.	2.2	134
6	Rapid and Body Weight-Independent Improvement of Endothelial and High-Density Lipoprotein Function After Roux-en-Y Gastric Bypass. <i>Circulation</i> , 2015, 131, 871-881.	1.6	103
7	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
8	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
9	Coronary Microvascular Dysfunction Induced by Primary Hyperparathyroidism is Restored After Parathyroidectomy. <i>Circulation</i> , 2012, 126, 1031-1039.	1.6	71
10	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
11	Impaired coronary flow reserve in young patients affected by severe psoriasis. <i>Atherosclerosis</i> , 2012, 221, 113-117.	0.8	65
12	Influence of Roux-en-Y gastric bypass on plasma bile acid profiles: a comparative study between rats, pigs and humans. <i>International Journal of Obesity</i> , 2016, 40, 1260-1267.	3.4	61
13	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPAR β signature. <i>European Heart Journal</i> , 2020, 41, 995-1005.	2.2	56
14	Deletion of BACH1 Attenuates Atherosclerosis by Reducing Endothelial Inflammation. <i>Circulation Research</i> , 2022, 130, 1038-1055.	4.5	55
15	High Density Lipoproteins: Metabolism, Function, and Therapeutic Potential. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 39.	2.4	52
16	Treatment with tumor necrosis factor inhibitors restores coronary microvascular function in young patients with severe psoriasis. <i>Atherosclerosis</i> , 2016, 251, 25-30.	0.8	47
17	The Endothelium Is Both a Target and a Barrier of HDL's Protective Functions. <i>Cells</i> , 2021, 10, 1041.	4.1	45
18	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

#	ARTICLE	IF	CITATIONS
19	Inhibition of Protein Kinase C β Prevents Foam Cell Formation by Reducing Scavenger Receptor A Expression in Human Macrophages. <i>Circulation</i> , 2008, 118, 2174-2182.	1.6	41
20	Restoring the Dysfunctional Endothelium. <i>Current Pharmaceutical Design</i> , 2007, 13, 1053-1068.	1.9	35
21	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
22	Pulsatile Stretch Induces Release of Angiotensin II and Oxidative Stress in Human Endothelial Cells: Effects of ACE Inhibition and AT ₁ Receptor Antagonism. <i>Clinical and Experimental Hypertension</i> , 2008, 30, 616-627.	1.3	27
23	Glucagon-like peptide-1, glucagon-like peptide-2, and lipid metabolism. <i>Current Opinion in Lipidology</i> , 2016, 27, 257-263.	2.7	27
24	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
25	Long-term prognostic value of coronary flow reserve in psoriasis patients. <i>Atherosclerosis</i> , 2019, 289, 57-63.	0.8	23
26	Coronary Microvascular Function and Beyond: The Crosstalk between Hormones, Cytokines, and Neurotransmitters. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-17.	1.5	18
27	Coronary microvascular dysfunction due to essential thrombocythemia and polycythemia vera: The missing piece in the puzzle of their increased cardiovascular risk?. <i>American Journal of Hematology</i> , 2015, 90, 109-113.	4.1	17
28	Anacetrapib, but not evacetrapib, impairs endothelial function in CETP-transgenic mice in spite of marked HDL-C increase. <i>Atherosclerosis</i> , 2017, 257, 186-194.	0.8	17
29	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
30	The crosstalk between the cardiovascular and the immune system. <i>Vascular Biology (Bristol, Avon)</i> , 2010, 22, 101-107.	3.2	15
31	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
32	The Heart as a Psychoneuroendocrine and Immunoregulatory Organ. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 225-239.	1.6	14
33	The Role of Oxidative Stress in Endothelial Dysfunction and Vascular Inflammation. <i>Journal of Cellular Biochemistry</i> , 2010, 97, 705-754.		13
34	Coronary microvascular dysfunction may be related to IGF-1 in acromegalic patients and can be restored by therapy. <i>Atherosclerosis</i> , 2018, 269, 100-105.	0.8	13
35	Heart Transplantation Survival and Sex-Related Differences. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 379-388.	1.6	9
36	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

#	ARTICLE	IF	CITATIONS
37	Endothelial Dysfunction in Cardiac Allograft Vasculopathy: Potential Pharmacological Interventions. <i>Current Vascular Pharmacology</i> , 2010, 8, 169-188.	1.7	9
38	Laparoscopic Roux-en-Y gastric bypass versus laparoscopic mini gastric bypass in the treatment of obesity: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 226.	1.6	8
39	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
40	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
41	Sex-Specific Interpretation of Coronary Flow Reserve and Fractional Flow Reserve Metrics, Including Their Companions. , 2019, 2019, 7006-7009.		6
42	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
43	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
44	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
45	Lidocaine Enhances Contractile Function of Ischemic Myocardial Regions in Mouse Model of Sustained Myocardial Ischemia. <i>PLoS ONE</i> , 2016, 11, e0154699.	2.5	5
46	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. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 1-30.	1.6	5
47	Inhibition of Vascular c-Jun N-Terminal Kinase 2 Improves Obesity-Induced Endothelial Dysfunction After Roux-en-Y Gastric Bypass. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	4
48	Effects of acute administration of trimethylamine N-oxide on endothelial function: a translational study. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
49	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
50	Blood Pressure-Lowering Therapy. <i>Handbook of Experimental Pharmacology</i> , 2020, , 1.	1.8	1
51	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
52	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
53	JNK2 INHIBITION IMPROVES OBESITY INDUCED ENDOTHELIAL DYSFUNCTION AND OXIDATIVE STRESS AFTER ROUX-EN-Y GASTRIC BYPASS. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2000.	2.8	0
54	OP0186...LIN-GP38+ STROMAL CELLS ARE KEY EFFECTOR CELLS IN MYOCARDIAL FIBROSIS AND DEFECTS OF THE CONDUCTION SYSTEM. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	A portrait of the ESC Working Group Atherosclerosis and Vascular Biology. European Heart Journal, 2020, 41, 2233-2235.	2.2	0
56	Introducing the new Task Force on Cardiovascular Risk Factors of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 0, , .	1.8	0