

Matti Adam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5741376/publications.pdf>

Version: 2024-02-01

36
papers

1,490
citations

471061

17
h-index

377514

34
g-index

36
all docs

36
docs citations

36
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic Cardiovascular Disease Induced by Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25234-25263.	1.8	314
2	miR-24 limits aortic vascular inflammation and murine abdominal aneurysm development. <i>Nature Communications</i> , 2014, 5, 5214.	5.8	187
3	Myeloperoxidase: A Leukocyte-Derived Protagonist of Inflammation and Cardiovascular Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 692-713.	2.5	173
4	Segmental Aortic Stiffening Contributes to Experimental Abdominal Aortic Aneurysm Development. <i>Circulation</i> , 2015, 131, 1783-1795.	1.6	113
5	Transcription Factor Runx2 Promotes Aortic Fibrosis and Stiffness in Type 2 Diabetes Mellitus. <i>Circulation Research</i> , 2015, 117, 513-524.	2.0	83
6	MPO (Myeloperoxidase) Reduces Endothelial Glycocalyx Thickness Dependent on Its Cationic Charge. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1859-1867.	1.1	68
7	Hemodynamic Regulation of Reactive Oxygen Species: Implications for Vascular Diseases. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 914-928.	2.5	66
8	Myeloperoxidase Mediates Postischemic Arrhythmogenic Ventricular Remodeling. <i>Circulation Research</i> , 2017, 121, 56-70.	2.0	59
9	The Enzymatic and Non-Enzymatic Function of Myeloperoxidase (MPO) in Inflammatory Communication. <i>Antioxidants</i> , 2021, 10, 562.	2.2	36
10	Antibody Response After a Single Dose of an AS03-Adjuvanted Split-Virion Influenza A (H1N1) Vaccine in Heart Transplant Recipients. <i>Transplantation</i> , 2011, 91, 1031-1035.	0.5	33
11	Chronic Nicotine Exposure Induces Murine Aortic Remodeling and Stiffness Segmentation—Implications for Abdominal Aortic Aneurysm Susceptibility. <i>Frontiers in Physiology</i> , 2018, 9, 1459.	1.3	33
12	Systemic Upregulation of IL-10 (Interleukin-10) Using a Nonimmunogenic Vector Reduces Growth and Rate of Dissecting Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1796-1805.	1.1	33
13	Effect of Transcatheter Aortic Valve Replacement on Concomitant Mitral Regurgitation and Its Impact on Mortality. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1181-1192.	1.1	31
14	Micromanaging Abdominal Aortic Aneurysms. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14374-14394.	1.8	25
15	Temporal trends of TAVI treatment characteristics in high volume centers in Germany 2013–2020. <i>Clinical Research in Cardiology</i> , 2022, 111, 881-888.	1.5	23
16	Implications of exercise test modality on modern prognostic markers in patients with known or suspected coronary artery disease: Treadmill versus bicycle. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006, 13, 45-50.	3.1	22
17	Red blood cells serve as intravascular carriers of myeloperoxidase. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 353-363.	0.9	21
18	Loss of Somatostatin Receptor Subtype 2 in Prostate Cancer Is Linked to an Aggressive Cancer Phenotype, High Tumor Cell Proliferation and Predicts Early Metastatic and Biochemical Relapse. <i>PLoS ONE</i> , 2014, 9, e100469.	1.1	20

#	ARTICLE	IF	CITATIONS
19	Levosimendan displays anti-inflammatory effects and decreases MPO bioavailability in patients with severe heart failure. <i>Scientific Reports</i> , 2015, 5, 9704.	1.6	19
20	Prognosis of persistent mitral regurgitation in patients undergoing transcatheter aortic valve replacement. <i>Clinical Research in Cardiology</i> , 2020, 109, 1261-1270.	1.5	19
21	Incidence, Risk Factors and Impact on Long-Term Outcome of Postoperative Delirium After Transcatheter Aortic Valve Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 645724.	1.1	16
22	Nitro-oleic acid reduces thoracic aortic aneurysm progression in a mouse model of Marfan syndrome. <i>Cardiovascular Research</i> , 2022, 118, 2211-2225.	1.8	15
23	Transcatheter aortic valve implantation in patients with a small aortic annulus: performance of supra-, intra- and infra-annular transcatheter heart valves. <i>Clinical Research in Cardiology</i> , 2021, 110, 1957-1966.	1.5	15
24	Elucidation of the genetic causes of bicuspid aortic valve disease. <i>Cardiovascular Research</i> , 2023, 119, 857-866.	1.8	11
25	Asymptomatic infection with novel influenza A/H1N1 virus in a heart transplant recipient. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 585-586.	0.3	10
26	Nitro-fatty acids suppress ischemic ventricular arrhythmias by preserving calcium homeostasis. <i>Scientific Reports</i> , 2020, 10, 15319.	1.6	9
27	Comparison of Resting Full-Cycle Ratio and Fractional Flow Reserve in a German Real-World Cohort. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 744181.	1.1	8
28	An Automated Algorithm to Quantify Collagen Distribution in Aortic Wall. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 267-274.	1.3	7
29	Nitro-Oleic Acid (NO ₂ -OA) Improves Systolic Function in Dilated Cardiomyopathy by Attenuating Myocardial Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9052.	1.8	6
30	Hemodynamics of self-expanding versus balloon-expandable transcatheter heart valves in relation to native aortic annulus anatomy. <i>Clinical Research in Cardiology</i> , 2022, 111, 1336-1347.	1.5	6
31	Risk prediction in patients with low-flow, low-gradient aortic stenosis and reduced ejection fraction undergoing TAVI. <i>Open Heart</i> , 2022, 9, e001912.	0.9	4
32	Feasibility and Comparison of Resting Full-Cycle Ratio and Computed Tomography Fractional Flow Reserve in Patients with Severe Aortic Valve Stenosis. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 116.	0.8	3
33	Response to Letters Regarding Article, "Segmental Aortic Stiffening Contributes to Experimental Abdominal Aortic Aneurysm Development". <i>Circulation</i> , 2016, 133, e11-2.	1.6	1
34	Is there a benefit of ICD treatment in patients with persistent severely reduced systolic left ventricular function after TAVI?. <i>Clinical Research in Cardiology</i> , 2022, 111, 492-501.	1.5	1
35	Stamp2 Protects From Maladaptive Structural Remodeling and Systolic Dysfunction in Post-Ischemic Hearts by Attenuating Neutrophil Activation. <i>Frontiers in Immunology</i> , 2021, 12, 701721.	2.2	0
36	Abstract 241: MicroRNA-24 Controls Macrophage Survival in Murine Abdominal Aortic Aneurysm Via Chi3l1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	1.1	0