

# 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  | Elucidation of the genetic causes of bicuspid aortic valve disease. <i>Cardiovascular Research</i> , 2023, 119, 857-866.                                                                                                       | 1.8 | 11        |
| 2  | 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         |
| 3  | 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        |
| 4  | Temporal trends of TAVI treatment characteristics in high volume centers in Germany 2013â€“2020. <i>Clinical Research in Cardiology</i> , 2022, 111, 881-888.                                                                  | 1.5 | 23        |
| 5  | 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         |
| 6  | 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         |
| 7  | 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         |
| 8  | 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        |
| 9  | The Enzymatic and Non-Enzymatic Function of Myeloperoxidase (MPO) in Inflammatory Communication. <i>Antioxidants</i> , 2021, 10, 562.                                                                                          | 2.2 | 36        |
| 10 | 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        |
| 11 | 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        |
| 12 | Nitro-Oleic Acid (NO <sub>2</sub> -OA) Improves Systolic Function in Dilated Cardiomyopathy by Attenuating Myocardial Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9052.                           | 1.8 | 6         |
| 13 | 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         |
| 14 | 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         |
| 15 | Nitro-fatty acids suppress ischemic ventricular arrhythmias by preserving calcium homeostasis. <i>Scientific Reports</i> , 2020, 10, 15319.                                                                                    | 1.6 | 9         |
| 16 | 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        |
| 17 | An Automated Algorithm to Quantify Collagen Distribution in Aortic Wall. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 267-274.                                                                               | 1.3 | 7         |
| 18 | Chronic Nicotine Exposure Induces Murine Aortic Remodeling and Stiffness Segmentationâ€”Implications for Abdominal Aortic Aneurysm Susceptibility. <i>Frontiers in Physiology</i> , 2018, 9, 1459.                             | 1.3 | 33        |

| #  | ARTICLE                                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | Myeloperoxidase Mediates Postischemic Arrhythmogenic Ventricular Remodeling. <i>Circulation Research</i> , 2017, 121, 56-70.                                                                                                                          | 2.0 | 59        |
| 22 | 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         |
| 23 | Diabetic Cardiovascular Disease Induced by Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25234-25263.                                                                                                              | 1.8 | 314       |
| 24 | Segmental Aortic Stiffening Contributes to Experimental Abdominal Aortic Aneurysm Development. <i>Circulation</i> , 2015, 131, 1783-1795.                                                                                                             | 1.6 | 113       |
| 25 | Transcription Factor Runx2 Promotes Aortic Fibrosis and Stiffness in Type 2 Diabetes Mellitus. <i>Circulation Research</i> , 2015, 117, 513-524.                                                                                                      | 2.0 | 83        |
| 26 | 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        |
| 27 | 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        |
| 28 | miR-24 limits aortic vascular inflammation and murine abdominal aneurysm development. <i>Nature Communications</i> , 2014, 5, 5214.                                                                                                                   | 5.8 | 187       |
| 29 | Hemodynamic Regulation of Reactive Oxygen Species: Implications for Vascular Diseases. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 914-928.                                                                                                   | 2.5 | 66        |
| 30 | Red blood cells serve as intravascular carriers of myeloperoxidase. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 353-363.                                                                                                          | 0.9 | 21        |
| 31 | Myeloperoxidase: A Leukocyte-Derived Protagonist of Inflammation and Cardiovascular Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 692-713.                                                                                             | 2.5 | 173       |
| 32 | Micromanaging Abdominal Aortic Aneurysms. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14374-14394.                                                                                                                                 | 1.8 | 25        |
| 33 | 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         |
| 34 | 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        |
| 35 | 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        |
| 36 | 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        |