

Steven J R Meex

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,603
citations

279798

23
h-index

315739

38
g-index

54
all docs

54
docs citations

54
times ranked

2675
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Metformin and high-sensitivity cardiac troponin I and T trajectories in type 2 diabetes patients: a post-hoc analysis of a randomized controlled trial. <i>Cardiovascular Diabetology</i> , 2022, 21, 49. | 6.8 | 1 |
| 2 | Decreased serial scores of severe organ failure assessments are associated with survival in mechanically ventilated patients; the prospective Maastricht Intensive Care COVID cohort. <i>Journal of Critical Care</i> , 2021, 62, 38-45. | 2.2 | 25 |
| 3 | Ten Years of High-Sensitivity Cardiac Troponin Testing: Impact on the Diagnosis of Myocardial Infarction. <i>Clinical Chemistry</i> , 2021, 67, 324-326. | 3.2 | 1 |
| 4 | A comparison of machine learning models versus clinical evaluation for mortality prediction in patients with sepsis. <i>PLoS ONE</i> , 2021, 16, e0245157. | 2.5 | 48 |
| 5 | Sex differences in investigations and outcomes among patients with type 2 myocardial infarction. <i>Heart</i> , 2021, 107, 1480-1486. | 2.9 | 9 |
| 6 | Machine learning-based glucose prediction with use of continuous glucose and physical activity monitoring data: The Maastricht Study. <i>PLoS ONE</i> , 2021, 16, e0253125. | 2.5 | 25 |
| 7 | Sex Differences in Cardiac Troponin I and T and the Prediction of Cardiovascular Events in the General Population. <i>Clinical Chemistry</i> , 2021, 67, 1351-1360. | 3.2 | 30 |
| 8 | High-Sensitivity Cardiac Troponin I and T Kinetics after Non-ST-Segment Elevation Myocardial Infarction. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 239-241. | 1.3 | 7 |
| 9 | Biomarkers Associated With Aortic Valve Calcification: Should We Focus on Sex Specific Processes?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 604. | 3.7 | 5 |
| 10 | Sex-specific effects of implementing a high-sensitivity troponin I assay in patients with suspected acute coronary syndrome: results from SWEDEHEART registry. <i>Scientific Reports</i> , 2020, 10, 15227. | 3.3 | 16 |
| 11 | Associations of 24-Hour Urinary Sodium and Potassium Excretion with Cardiac Biomarkers: The Maastricht Study. <i>Journal of Nutrition</i> , 2020, 150, 1413-1424. | 2.9 | 4 |
| 12 | Incidence of type 2 diabetes in familial combined hyperlipidemia. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001107. | 2.8 | 12 |
| 13 | Multi-Site Coronary Vein Sampling Study on Cardiac Troponin T Degradation in Non-ST-Segment Elevation Myocardial Infarction: Toward a More Specific Cardiac Troponin T Assay. <i>Journal of the American Heart Association</i> , 2019, 8, e012602. | 3.7 | 9 |
| 14 | Biotin interference in high-sensitivity cardiac troponin T testing: a real-world evaluation in acute cardiac care. <i>Cardiovascular Research</i> , 2019, 115, 1950-1951. | 3.8 | 11 |
| 15 | Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2032-2043. | 2.8 | 84 |
| 16 | Biological variation of cardiac markers in patients with aortic valve stenosis. <i>Open Heart</i> , 2019, 6, e001040. | 2.3 | 12 |
| 17 | Incidence of cardiovascular disease in familial combined hyperlipidemia: A 15-year follow-up study. <i>Atherosclerosis</i> , 2019, 280, 1-6. | 0.8 | 31 |
| 18 | Biological Variation of Creatinine, Cystatin C, and eGFR over 24 Hours. <i>Clinical Chemistry</i> , 2018, 64, 851-860. | 3.2 | 28 |

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|----|--|-----|-----------|
| 19 | Combining High-Sensitivity Cardiac Troponin I and Cardiac Troponin T in the Early Diagnosis of Acute Myocardial Infarction. <i>Circulation</i> , 2018, 138, 989-999. | 1.6 | 56 |
| 20 | Calcific aortic valve stenosis: hard disease in the heart. <i>European Heart Journal</i> , 2018, 39, 2618-2624. | 2.2 | 127 |
| 21 | The effect of acute and 7-days dietary nitrate on mechanical efficiency, exercise performance and cardiac biomarkers in patients with chronic obstructive pulmonary disease. <i>Clinical Nutrition</i> , 2018, 37, 1852-1861. | 5.0 | 21 |
| 22 | Vitamin K Antagonists, Non-Vitamin K Antagonist Oral Anticoagulants, and Vascular Calcification in Patients with Atrial Fibrillation. <i>TH Open</i> , 2018, 02, e391-e398. | 1.4 | 20 |
| 23 | Mass Spectrometric Identification of Cardiac Troponin T in Urine of Patients Suffering from Acute Myocardial Infarction. <i>Journal of Applied Laboratory Medicine</i> , 2018, 2, 857-867. | 1.3 | 4 |
| 24 | Clinical laboratory practice recommendations for high-sensitivity cardiac troponin testing. <i>Journal of Laboratory and Precision Medicine</i> , 2018, 3, 30-30. | 1.1 | 2 |
| 25 | Sex-Specific Versus Overall Clinical Decision Limits for Cardiac Troponin I and T for the Diagnosis of Acute Myocardial Infarction: A Systematic Review. <i>Clinical Chemistry</i> , 2018, 64, 1034-1043. | 3.2 | 44 |
| 26 | Cross-Sectional Associations Between Cardiac Biomarkers, Cognitive Performance, and Structural Brain Changes Are Modified by Age. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1948-1958. | 2.4 | 13 |
| 27 | Bicuspid Aortic Valve Stenosis and the Effect of Vitamin K2 on Calcification Using 18F-Sodium Fluoride Positron Emission Tomography/Magnetic Resonance: The BASIK2 Rationale and Trial Design. <i>Nutrients</i> , 2018, 10, 386. | 4.1 | 22 |
| 28 | Estimated Glomerular Filtration Rate and Albuminuria Are Associated with Biomarkers of Cardiac Injury in a Population-Based Cohort Study: The Maastricht Study. <i>Clinical Chemistry</i> , 2017, 63, 887-897. | 3.2 | 19 |
| 29 | Large Variation in Measured Cardiac Troponin T Concentrations after Standard Addition in Serum or Plasma of Different Individuals. <i>Clinical Chemistry</i> , 2017, 63, 1300-1302. | 3.2 | 2 |
| 30 | Within-day biological variation and hour-to-hour reference change values for hematological parameters. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1013-1024. | 2.3 | 22 |
| 31 | Origin of Cardiac Troponin T Elevations in Chronic Kidney Disease. <i>Circulation</i> , 2017, 136, 1073-1075. | 1.6 | 41 |
| 32 | Troponin I and T in relation to cardiac injury detected with electrocardiography in a population-based cohort - The Maastricht Study. <i>Scientific Reports</i> , 2017, 7, 6610. | 3.3 | 19 |
| 33 | Twenty-Four-Hour Biological Variation Profiles of Cardiac Troponin I in Individuals with or without Chronic Kidney Disease. <i>Clinical Chemistry</i> , 2017, 63, 1655-1656. | 3.2 | 33 |
| 34 | Labtracker+, a medical smartphone app for the interpretation of consecutive laboratory results: an external validation study. <i>BMJ Open</i> , 2017, 7, e015854. | 1.9 | 1 |
| 35 | Diurnal Rhythm of Cardiac Troponin: Consequences for the Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2016, 62, 1602-1611. | 3.2 | 71 |
| 36 | Strenuous exercise induces a hyperreactive rebalanced haemostatic state that is more pronounced in men. <i>Thrombosis and Haemostasis</i> , 2016, 115, 1109-1119. | 3.4 | 29 |

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|----|---|-----|-----------|
| 37 | Cardiac Troponin T and I Release After a 30-km Run. <i>American Journal of Cardiology</i> , 2016, 118, 281-287. | 1.6 | 33 |
| 38 | Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. <i>European Heart Journal</i> , 2016, 37, 2993-2997. | 2.2 | 40 |
| 39 | Prognostic value of basal high-sensitive cardiac troponin levels on mortality in the general population. <i>Medicine (United States)</i> , 2016, 95, e5703. | 1.0 | 64 |
| 40 | Direct comparison of clinical decision limits for cardiac troponin T and I. <i>Heart</i> , 2016, 102, 610-616. | 2.9 | 65 |
| 41 | Vitamin D Status Does Not Affect Disability Progression of Patients with Multiple Sclerosis over Three Year Follow-Up. <i>PLoS ONE</i> , 2016, 11, e0156122. | 2.5 | 34 |
| 42 | Reversal of Hypoxia in Murine Atherosclerosis Prevents Necrotic Core Expansion by Enhancing Efferocytosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2545-2553. | 2.4 | 56 |
| 43 | Immature platelet fraction measured on the <i>Sysmex XN</i> hemocytometer predicts thrombopoietic recovery after autologous stem cell transplantation. <i>European Journal of Haematology</i> , 2014, 93, 150-156. | 2.2 | 33 |
| 44 | Circulating Cardiac Troponin T Exhibits a Diurnal Rhythm. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1788-1795. | 2.8 | 78 |
| 45 | Cardiac troponin in ischemic cardiomyocytes: Intracellular decrease before onset of cell death. <i>Experimental and Molecular Pathology</i> , 2014, 96, 339-345. | 2.1 | 25 |
| 46 | The effect of a six-month resistance-type exercise training program on the course of high sensitive cardiac troponin T levels in (pre)frail elderly. <i>International Journal of Cardiology</i> , 2014, 175, 374-375. | 1.7 | 7 |
| 47 | Effect of Antioxidant Supplementation on Exercise-Induced Cardiac Troponin Release in Cyclists: A Randomized Trial. <i>PLoS ONE</i> , 2013, 8, e79280. | 2.5 | 19 |
| 48 | A comprehensive review of upper reference limits reported for (high-)sensitivity cardiac troponin assays: the challenges that lie ahead. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 791-806. | 2.3 | 32 |
| 49 | Strong link between basal and exercise-induced cardiac troponin T levels: Do both reflect risk?. <i>International Journal of Cardiology</i> , 2012, 158, 129-131. | 1.7 | 7 |
| 50 | Huh-7 or HepG2 cells: which is the better model for studying human apolipoprotein-B100 assembly and secretion?. <i>Journal of Lipid Research</i> , 2011, 52, 152-158. | 4.2 | 102 |
| 51 | The ATF6-Met[67]Val Substitution Is Associated With Increased Plasma Cholesterol Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1322-1327. | 2.4 | 21 |
| 52 | Upstream transcription factor 1 (USF1) in risk of type 2 diabetes: Association study in 2000 Dutch Caucasians. <i>Molecular Genetics and Metabolism</i> , 2008, 94, 352-355. | 1.1 | 22 |
| 53 | Activating Transcription Factor 6 Polymorphisms and Haplotypes Are Associated with Impaired Glucose Homeostasis and Type 2 Diabetes in Dutch Caucasians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2720-2725. | 3.6 | 45 |
| 54 | Upregulation of CD36/FAT in preadipocytes in familial combined hyperlipidemia. <i>FASEB Journal</i> , 2005, 19, 2063-2065. | 0.5 | 16 |