

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

318942

23
h-index

355658

38
g-index

54
all docs

54
docs citations

54
times ranked

2872
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.	2.7	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.	1.0	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.	1.5	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.	1.1	48
5	Sex differences in investigations and outcomes among patients with type 2 myocardial infarction. <i>Heart</i> , 2021, 107, 1480-1486.	1.2	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.	1.1	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.	1.5	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.	0.6	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.	1.8	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.	1.6	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.	1.3	4
12	Incidence of type 2 diabetes in familial combined hyperlipidemia. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001107.	1.2	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.	1.6	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.	1.8	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.	1.2	84
16	Biological variation of cardiac markers in patients with aortic valve stenosis. <i>Open Heart</i> , 2019, 6, e001040.	0.9	12
17	Incidence of cardiovascular disease in familial combined hyperlipidemia: A 15-year follow-up study. <i>Atherosclerosis</i> , 2019, 280, 1-6.	0.4	31
18	Biological Variation of Creatinine, Cystatin C, and eGFR over 24 Hours. <i>Clinical Chemistry</i> , 2018, 64, 851-860.	1.5	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.	1.0	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.	2.3	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.	0.7	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.	0.6	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.	1.5	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.	1.1	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.	1.7	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.	1.5	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.	1.5	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.	1.4	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.	1.6	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.	1.5	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.	0.8	1
35	Diurnal Rhythm of Cardiac Troponin: Consequences for the Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2016, 62, 1602-1611.	1.5	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.	1.8	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.	0.7	33
38	Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. <i>European Heart Journal</i> , 2016, 37, 2993-2997.	1.0	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.	0.4	64
40	Direct comparison of clinical decision limits for cardiac troponin T and I. <i>Heart</i> , 2016, 102, 610-616.	1.2	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.	1.1	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.	1.1	56
43	Immature platelet fraction measured on the <i>Scysmex XN</i> hemocytometer predicts thrombopoietic recovery after autologous stem cell transplantation. <i>European Journal of Haematology</i> , 2014, 93, 150-156.	1.1	33
44	Circulating Cardiac Troponin T Exhibits a Diurnal Rhythm. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1788-1795.	1.2	78
45	Cardiac troponin in ischemic cardiomyocytes: Intracellular decrease before onset of cell death. <i>Experimental and Molecular Pathology</i> , 2014, 96, 339-345.	0.9	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.	0.8	7
47	Effect of Antioxidant Supplementation on Exercise-Induced Cardiac Troponin Release in Cyclists: A Randomized Trial. <i>PLoS ONE</i> , 2013, 8, e79280.	1.1	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.	1.4	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.	0.8	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.	2.0	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.	1.1	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.	0.5	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.	1.8	45
54	Upregulation of CD36/FAT in preadipocytes in familial combined hyperlipidemia. <i>FASEB Journal</i> , 2005, 19, 2063-2065.	0.2	16