

# Ulf Ekelund

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,728  
citations

361045

20  
h-index

189595

50  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 366, l4570.	2.4	856
2	Physical activity and all-cause mortality across levels of overall and abdominal adiposity in European men and women: the European Prospective Investigation into Cancer and Nutrition Study (EPIC). <i>American Journal of Clinical Nutrition</i> , 2015, 101, 613-621.	2.2	284
3	Rapid Rule-out of Acute Myocardial Infarction With a Single High-Sensitivity Cardiac Troponin T Measurement Below the Limit of Detection. <i>Annals of Internal Medicine</i> , 2017, 166, 715.	2.0	231
4	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019, 380, 2529-2540.	13.9	230
5	Joint associations of accelerometer-measured physical activity and sedentary time with all-cause mortality: a harmonised meta-analysis in more than 44 000 middle-aged and older individuals. <i>British Journal of Sports Medicine</i> , 2020, 54, 1499-1506.	3.1	161
6	A 1-h Combination Algorithm Allows Fast Rule-Out and Rule-In of Major Adverse Cardiac Events. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1531-1540.	1.2	102
7	Associations between accelerometry measured physical activity and sedentary time and the metabolic syndrome: A meta-analysis of more than 6000 children and adolescents. <i>Pediatric Obesity</i> , 2020, 15, e12578.	1.4	62
8	DETermination of the role of OXYgen in suspected Acute Myocardial Infarction trial. <i>American Heart Journal</i> , 2014, 167, 322-328.	1.2	56
9	Moderate-to-vigorous physical activity, but not sedentary time, predicts changes in cardiometabolic risk factors in 10-y-old children: the Active Smarter Kids Study. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1391-1398.	2.2	49
10	Patients with suspected acute coronary syndrome in a university hospital emergency department: an observational study. <i>BMC Emergency Medicine</i> , 2002, 2, 1.	0.7	47
11	Physical activity and mortality: what is the dose response and how big is the effect?. <i>British Journal of Sports Medicine</i> , 2020, 54, 1125-1126.	3.1	47
12	Changes in physical activity and sedentary time during adolescence: Gender differences during weekdays and weekend days. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1265-1275.	1.3	39
13	Performance of the European Society of Cardiology 0/1-Hour, 0/2-Hour, and 0/3-Hour Algorithms for Rapid Triage of Acute Myocardial Infarction. <i>Annals of Internal Medicine</i> , 2022, 175, 101-113.	2.0	37
14	Diagnostic values of chest pain history, ECG, troponin and clinical gestalt in patients with chest pain and potential acute coronary syndrome assessed in the emergency department. <i>SpringerPlus</i> , 2015, 4, 219.	1.2	34
15	Association between birth weight and objectively measured sedentary time is mediated by central adiposity: data in 10,793 youth from the International Children's Accelerometry Database. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 983-990.	2.2	29
16	Diagnostic Accuracy of High-Sensitivity Cardiac Troponin T at Presentation Combined With History and ECG for Ruling Out Major Adverse Cardiac Events. <i>Annals of Emergency Medicine</i> , 2016, 68, 649-658.e3.	0.3	28
17	A 0.5-Hour/1-Hour Protocol for Safe, Early Discharge of Chest Pain Patients. <i>Academic Emergency Medicine</i> , 2017, 24, 983-992.	0.8	26
18	Submaximal adenosine-induced coronary hyperaemia with 12-h caffeine abstinence: implications for clinical adenosine perfusion imaging tests. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 49-56.	0.5	24

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19	Likelihood of acute coronary syndrome in emergency department chest pain patients varies with time of presentation. <i>BMC Research Notes</i> , 2012, 5, 420.	0.6	23
20	Physical activity, diet quality and all-cause cardiovascular disease and cancer mortality: a prospective study of 346 627 UK Biobank participants. <i>British Journal of Sports Medicine</i> , 2022, 56, 1148-1156.	3.1	23
21	A pedometer-based walking intervention in 45- to 75-year-olds, with and without practice nurse support: the PACE-UP three-arm cluster RCT. <i>Health Technology Assessment</i> , 2018, 22, 1-274.	1.3	22
22	Patient throughput times and inflow patterns in Swedish emergency departments. A basis for ANSWER, A National Swedish Emergency Registry. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2011, 19, 37.	1.1	21
23	Predictive role of high sensitivity troponin T within four hours from presentation of acute coronary syndrome in elderly patients. <i>BMC Emergency Medicine</i> , 2016, 16, 1.	0.7	17
24	Does cardiorespiratory fitness moderate the prospective association between physical activity and cardiometabolic risk factors in children?. <i>International Journal of Obesity</i> , 2018, 42, 1029-1038.	1.6	16
25	Fitness, Fatness, and Mortality in Men and Women From the UK Biobank: Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019605.	1.6	16
26	Diagnostic accuracy of the HEART Pathway and EDACS-ADP when combined with a 0-hour/1-hour hs-cTnT protocol for assessment of acute chest pain patients. <i>Emergency Medicine Journal</i> , 2021, 38, 808-813.	0.4	15
27	The association between length of stay in the emergency department and short-term mortality. <i>Internal and Emergency Medicine</i> , 2022, 17, 233-240.	1.0	15
28	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. <i>European Journal of Sport Science</i> , 2022, 22, 906-915.	1.4	13
29	Emergency department crowding and mortality in 14 Swedish emergency departments, a cohort study leveraging the Swedish Emergency Registry (SVAR). <i>PLoS ONE</i> , 2021, 16, e0247881.	1.1	13
30	Effect of oxygen therapy on chest pain in patients with ST elevation myocardial infarction: results from the randomized SOCCER trial. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 69-73.	0.4	12
31	Prevalence of crowding, boarding and staffing levels in Swedish emergency departments - a National Cross Sectional Study. <i>BMC Emergency Medicine</i> , 2020, 20, 50.	0.7	12
32	SEAL - A Model to Estimate Crowding Based on Workload in Swedish Emergency Departments. <i>PLoS ONE</i> , 2015, 10, e0130020.	1.1	12
33	Effects of oxygen therapy on wall motion score index in patients with ST elevation myocardial infarction - the randomized SOCCER trial. <i>Echocardiography</i> , 2017, 34, 1130-1137.	0.3	10
34	Electrocardiographic changes in the differentiation of ischemic and non-ischemic ST elevation. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 100-107.	0.4	10
35	The objective CORE score allows early rule out in acute chest pain patients. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 308-314.	0.4	9
36	Emergency Department Workload and Crowding During a Major Electronic Health Record Breakdown. <i>Frontiers in Public Health</i> , 2019, 7, 267.	1.3	9

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37	Medical crisis checklists in the emergency department: a simulation-based multi-institutional randomised controlled trial. <i>BMJ Quality and Safety</i> , 2021, 30, 697-705.	1.8	9
38	Association between QTc prolongation and mortality in patients with suspected poisoning in the emergency department: a transnational propensity score matched cohort study. <i>BMJ Open</i> , 2018, 8, e020036.	0.8	8
39	The implementation of a fast-track care pathway for hip fracture patients. <i>European Orthopaedics and Traumatology</i> , 2012, 3, 195-203.	0.1	7
40	Emergency Department Chest Pain Patients With or Without Ongoing Pain: Characteristics, Outcome, and Diagnostic Value of the Electrocardiogram. <i>Journal of Emergency Medicine</i> , 2020, 58, 874-881.	0.3	7
41	Pathways to the emergency department - a national, cross-sectional study in Sweden. <i>BMC Emergency Medicine</i> , 2022, 22, 58.	0.7	7
42	New-Onset Atrial Fibrillation Among Patients With Infection in the Emergency Department: A Multicenter Cohort Study of 1-Year Stroke Risk. <i>American Journal of Medicine</i> , 2020, 133, 352-359.e3.	0.6	6
43	Diagnostic Accuracy of History and Physical Examination for Predicting Major Adverse Cardiac Events Within 30 Days in Patients With Acute Chest Pain. <i>Journal of Emergency Medicine</i> , 2020, 58, 1-10.	0.3	6
44	Bi-directional prospective associations between sedentary time, physical activity and adiposity in 10-year old Norwegian children. <i>Journal of Sports Sciences</i> , 2021, 39, 1772-1779.	1.0	6
45	Plasma pro-inflammatory cytokines, IgM-uria and cardiovascular events in patients with chest pain: A comparative study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 638-645.	0.6	5
46	Gender but not diabetes, hypertension or smoking affects infarct evolution in ST-elevation myocardial infarction patients – data from the CHILL-MI, MITOCARE and SOCCER trials. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 161.	0.7	5
47	Diagnostic Accuracy Of The Electrocardiographic Decision Support – Myocardial Ischaemia (EDS-MI) Algorithm In Detection Of Acute Coronary Occlusion. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 13-25.	0.4	5
48	Effectiveness and Safety of the European Society of Cardiology 0-/1-h Troponin Rule-Out Protocol: The Design of the ESC-TROP Multicenter Implementation Study. <i>Cardiology</i> , 2020, 145, 685-692.	0.6	5
49	Validation of the modified Skjane emergency department assessment of patient load (mSEAL) model for emergency department crowding and comparison with international models; an observational study. <i>BMC Emergency Medicine</i> , 2021, 21, 21.	0.7	5
50	Chest-lead ST-segment amplitudes using arm electrodes as reference instead of the Wilson central terminal in smartphone ECG applications: Influence on ST-elevation myocardial infarction criteria fulfillment. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12549.	0.5	4
51	Ischemic QRS prolongation as a biomarker of myocardial injury in STEMI patients. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12601.	0.5	4
52	Cross-sectional and prospective associations between aerobic fitness and lipoprotein particle profile in a cohort of Norwegian schoolchildren. <i>Atherosclerosis</i> , 2021, 321, 21-29.	0.4	4
53	Longitudinal associations of physical activity, sedentary time, and cardiorespiratory fitness with arterial health in children – the PANIC study. <i>Journal of Sports Sciences</i> , 2021, 39, 1980-1987.	1.0	4
54	Low diagnostic yield of ST elevation myocardial infarction amplitude criteria in chest pain patients at the emergency department. <i>Scandinavian Cardiovascular Journal</i> , 2021, 55, 145-152.	0.4	3

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55	Reducing search times and entropy in hospital emergency departments with real-time location systems. IJSE Transactions on Healthcare Systems Engineering, 0, , 1-11.	1.2	3
56	Impediments to and impact of checklists on performance of emergency interventions in primary care: an <i>in situ</i> simulation-based randomized controlled trial. Scandinavian Journal of Primary Health Care, 2021, 39, 438-447.	0.6	3
57	Glucose and high-sensitivity troponin T predict a low risk of major adverse cardiac events in emergency department chest pain patients. Scandinavian Cardiovascular Journal, 2021, 55, 354-361.	0.4	3
58	Improving Machine Learning 30-Day Mortality Prediction by Discounting Surprising Deaths. Journal of Emergency Medicine, 2021, , .	0.3	3
59	PR interval prolongation and 1-year mortality among emergency department patients: a multicentre transnational cohort study. BMJ Open, 2021, 11, e054238.	0.8	2
60	Heart filling exceeds emptying during late ventricular systole in patients with systolic heart failure and healthy subjects – a cardiac MRI study. Clinical Physiology and Functional Imaging, 2019, 39, 192-200.	0.5	1
61	Relation of QRS Voltage and Prolonged QTc Interval to One-Year Mortality. American Journal of Cardiology, 2020, 134, 138-142.	0.7	1
62	Adding historical high-sensitivity troponin T results to rule out acute myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2022, , .	0.4	1
63	Reply to A Lu and R Wang. American Journal of Clinical Nutrition, 2017, 106, 948-949.	2.2	1
64	Reply to R Wang and P Chen. American Journal of Clinical Nutrition, 2015, 102, 713-714.	2.2	0
65	Moving forward with machine learning models in acute chest pain. The Lancet Digital Health, 2022, 4, e291-e292.	5.9	0