

# Juha E K Hartikainen

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

2,680  
citations

257450

24  
h-index

197818

49  
g-index

101  
all docs

101  
docs citations

101  
times ranked

4293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Percutaneous coronary angioplasty versus coronary artery bypass grafting in treatment of unprotected left main stenosis (NOBLE): a prospective, randomised, open-label, non-inferiority trial. <i>Lancet</i> , The, 2016, 388, 2743-2752.	13.7	620
2	Thromboembolic Complications After Cardioversion of Acute Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1187-1192.	2.8	212
3	Time to Cardioversion for Acute Atrial Fibrillation and Thromboembolic Complications. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 647.	7.4	131
4	Adenoviral intramyocardial VEGF-D $\beta$ N $\beta$ C gene transfer increases myocardial perfusion reserve in refractory angina patients: a phase I/IIa study with 1-year follow-up. <i>European Heart Journal</i> , 2017, 38, 2547-2555.	2.2	109
5	The effect of a very low-calorie diet-induced weight loss on the severity of obstructive sleep apnoea and autonomic nervous function in obese patients with obstructive sleep apnoea syndrome. <i>Clinical Physiology</i> , 1998, 18, 377-385.	0.7	95
6	Sympathovagal balance is major determinant of short-term blood pressure variability in healthy subjects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H1245-H1252.	3.2	77
7	Long-term efficacy of catheter ablation as first-line therapy for paroxysmal atrial fibrillation: 5-year outcome in a randomised clinical trial. <i>Heart</i> , 2017, 103, 368-376.	2.9	74
8	Adherence Tradeoff to Multiple Preventive Therapies and All-Cause Mortality After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1543-1554.	2.8	65
9	MicroRNA Profiling of Pericardial Fluid Samples from Patients with Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0119646.	2.5	59
10	Stroke as the First Manifestation of Atrial Fibrillation. <i>PLoS ONE</i> , 2016, 11, e0168010.	2.5	59
11	Endovascular Therapy as a Primary Revascularization Modality in Acute Mesenteric Ischemia. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 1119-1129.	2.0	58
12	NRF2 regulates endothelial glycolysis and proliferation with miR-93 and mediates the effects of oxidized phospholipids on endothelial activation. <i>Nucleic Acids Research</i> , 2018, 46, 1124-1138.	14.5	55
13	Impact of Statin Adherence on Cardiovascular Morbidity and All-Cause Mortality in the Primary Prevention of Cardiovascular Disease: A Population-Based Cohort Study in Finland. <i>Value in Health</i> , 2015, 18, 896-905.	0.3	53
14	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: the BAM1 trial. <i>European Heart Journal</i> , 2020, 41, 3702-3710.	2.2	47
15	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: rationale and design of the <sc>BAM1</sc> trial. <i>European Journal of Heart Failure</i> , 2017, 19, 1545-1550.	7.1	45
16	The cost-effectiveness of radiofrequency catheter ablation as first-line treatment for paroxysmal atrial fibrillation: results from a MANTRA-PAF substudy. <i>Europace</i> , 2015, 17, 48-55.	1.7	42
17	Anticoagulation, CHA <sub>2</sub> DS <sub>2</sub> VASc Score, and Thromboembolic Risk of Cardioversion of Acute Atrial Fibrillation (from the FinCV Study). <i>American Journal of Cardiology</i> , 2016, 117, 1294-1298.	1.6	38
18	Mouse ECG findings in aging, with conduction system affecting drugs and in cardiac pathologies: Development and validation of ECG analysis algorithm in mice. <i>Physiological Reports</i> , 2015, 3, e12639.	1.7	34

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19	Randomised comparison of provisional side branch stenting versus a two-stent strategy for treatment of true coronary bifurcation lesions involving a large side branch: the Nordic-Baltic Bifurcation Study IV. <i>Open Heart</i> , 2020, 7, e000947.	2.3	34
20	Radiofrequency catheter ablation maintains its efficacy better than antiarrhythmic medication in patients with paroxysmal atrial fibrillation: On-treatment analysis of the randomized controlled MANTRA-PAF trial. <i>International Journal of Cardiology</i> , 2015, 198, 108-114.	1.7	33
21	Neuroendocrine changes during the evolution of doxorubicin-induced left ventricular dysfunction in adult lymphoma patients. <i>Clinical Science</i> , 2001, 101, 601-607.	4.3	32
22	Strokes after cardioversion of atrial fibrillation – The FibStroke study. <i>International Journal of Cardiology</i> , 2016, 203, 269-273.	1.7	31
23	Non-vitamin K antagonist oral anticoagulants in atrial fibrillation patients undergoing elective cardioversion. <i>Europace</i> , 2018, 20, 565-568.	1.7	27
24	Register-based predictors of adherence among new statin users in Finland. <i>Journal of Clinical Lipidology</i> , 2014, 8, 117-125.	1.5	25
25	Intravenous vernakalant in comparison with intravenous flecainide in the cardioversion of recent-onset atrial fibrillation. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 114-120.	1.0	25
26	NRF2 is a key regulator of endothelial microRNA expression under proatherogenic stimuli. <i>Cardiovascular Research</i> , 2021, 117, 1339-1357.	3.8	24
27	Predicting Unsuccessful Electrical Cardioversion for Acute Atrial Fibrillation (from the AF-CVS) $T_j$ ETQq1 1 0.784314 $\frac{rgBT}{Overclock 10}$	1.6	23
28	The nationwide Finnish anticoagulation in atrial fibrillation (FinACAF): study rationale, design, and patient characteristics. <i>European Journal of Epidemiology</i> , 2022, 37, 95-102.	5.7	22
29	Prediction of ineffective elective cardioversion of atrial fibrillation: a retrospective multi-center patient cohort study. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 33.	1.7	21
30	Statin adherence and risk of acute cardiovascular events among women: a cohort study accounting for time-dependent confounding affected by previous adherence. <i>BMJ Open</i> , 2016, 6, e011306.	1.9	19
31	Somatic symptoms of anxiety and nonadherence to statin therapy. <i>International Journal of Cardiology</i> , 2016, 214, 493-499.	1.7	19
32	Susceptibility to Cardiac Arrhythmias and Sympathetic Nerve Growth in VEGF-B Overexpressing Myocardium. <i>Molecular Therapy</i> , 2020, 28, 1731-1740.	8.2	19
33	New-onset atrial fibrillation at discharge in patients after coronary artery bypass surgery: short- and long-term morbidity and mortality. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 747-752.	1.4	18
34	Personalised eHealth intervention to increase physical activity and reduce sedentary behaviour in rehabilitation after cardiac operations: study protocol for the PACO randomised controlled trial (NCT03470246). <i>BMJ Open Sport and Exercise Medicine</i> , 2019, 5, e000539.	2.9	18
35	The effect of mental health conditions on the use of oral anticoagulation therapy in patients with atrial fibrillation: the FinACAF study. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2022, 8, 269-276.	4.0	18
36	Alcohol Abuse Increases Rebleeding Risk and Mortality in Patients with Non-variceal Upper Gastrointestinal Bleeding. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3707-3715.	2.3	17

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37	Comparison of EQ-5D and 15D instruments for assessing the health-related quality of life in cardiac surgery patients. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2016, 2, 193-200.	4.0	17
38	Optimal timing for cardioversion in patients with atrial fibrillation. <i>Clinical Cardiology</i> , 2018, 41, 966-971.	1.8	17
39	Intramyocardial Gene Therapy Directed to Hibernating Heart Muscle Using a Combination of Electromechanical Mapping and Positron Emission Tomography. <i>Human Gene Therapy</i> , 2016, 27, 830-834.	2.7	16
40	Cardiac adrenergic denervation in patients with non-Q-wave versus Q-wave myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 816-821.	6.4	15
41	Sex, age, and time to cardioversion. Risk factors for cardioversion of acute atrial fibrillation from the FinCV study. <i>Annals of Medicine</i> , 2017, 49, 254-259.	3.8	15
42	Automatic Mobile Health Arrhythmia Monitoring for the Detection of Atrial Fibrillation: Prospective Feasibility, Accuracy, and User Experience Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e29933.	3.7	15
43	Intensity of anticoagulation and risk of thromboembolism after elective cardioversion of atrial fibrillation. <i>Thrombosis Research</i> , 2017, 156, 163-167.	1.7	14
44	Wrist Band Photoplethysmography Autocorrelation Analysis Enables Detection of Atrial Fibrillation Without Pulse Detection. <i>Frontiers in Physiology</i> , 2021, 12, 654555.	2.8	14
45	Necklace-embedded electrocardiogram for the detection and diagnosis of atrial fibrillation. <i>Clinical Cardiology</i> , 2021, 44, 620-626.	1.8	13
46	Long-term safety and efficacy of intramyocardial adenovirus-mediated VEGF-D $\beta$ gene therapy eight-year follow-up of phase I KAT301 study. <i>Gene Therapy</i> , 2022, 29, 289-293.	4.5	13
47	Impact of minimal invasive extracorporeal circulation on atrial fibrillation after coronary artery bypass surgery. <i>Artificial Organs</i> , 2020, 44, 1176-1183.	1.9	11
48	Mental health conditions and adherence to direct oral anticoagulants in patients with incident atrial fibrillation: A nationwide cohort study. <i>General Hospital Psychiatry</i> , 2022, 74, 88-93.	2.4	11
49	Effects of Three Months Fingolimod Therapy on Heart Rate. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 651-654.	4.1	10
50	New onset postoperative atrial fibrillation and early anticoagulation after cardiac surgery. <i>Scandinavian Cardiovascular Journal</i> , 2017, 51, 323-326.	1.2	10
51	Vernakalant for Rapid Cardioversion of Recent-Onset Atrial Fibrillation: Results from the SPECTRUM Study. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 283-292.	2.6	10
52	Computed tomography coronary angiography for patients with heart failure (CTA-HF): a randomized controlled trial (IMAGE-HF 1C). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1083-1090.	1.2	9
53	Association of income and educational levels with adherence to direct oral anticoagulant therapy in patients with incident atrial fibrillation: A Finnish nationwide cohort study. <i>Pharmacology Research and Perspectives</i> , 2022, 10, .	2.4	9
54	Physiological Background Underlying Short-Term Heart Rate Variability. <i>Annals of Noninvasive Electrocardiology</i> , 1998, 3, 267-280.	1.1	8

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55	Mortality after stroke in patients with paroxysmal and chronic atrial fibrillation â€” The FibStroke study. <i>International Journal of Cardiology</i> , 2017, 227, 869-874.	1.7	8
56	Inadequate oral anticoagulation with warfarin in women with cerebrovascular event and history of atrial fibrillation: the FibStroke study. <i>Annals of Medicine</i> , 2021, 53, 287-294.	3.8	8
57	Cardiovascular event rate and death in high-risk secondary prevention patient cohort in Finland: A registry study. <i>Clinical Cardiology</i> , 2022, 45, 342-351.	1.8	8
58	Postoperative Strokes and Intracranial Bleeds in Patients With Atrial Fibrillation: The <sc>FibStroke</sc> Study. <i>Clinical Cardiology</i> , 2016, 39, 471-476.	1.8	7
59	Sequence of cardiovascular autonomic alterations after fingolimod initiation. <i>Annals of Noninvasive Electrocardiology</i> , 2017, 22, .	1.1	7
60	Usefulness of the CHA2DS2-VASc and HAS-BLED Scores in Predicting the Risk of Stroke Versus Intracranial Bleeding in Patients With Atrial Fibrillation (from the FibStroke Study). <i>American Journal of Cardiology</i> , 2018, 121, 1182-1186.	1.6	7
61	Performance of CHA2DS2-VASc score for stroke prediction after surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 896-904.	0.8	7
62	Mental health conditions and risk of <sc>firstâ€ver</sc> ischaemic stroke and death in patients with incident atrial fibrillation: A nationwide cohort study. <i>European Journal of Clinical Investigation</i> , 2022, , e13801.	3.4	7
63	Adverse events and survival with postpericardiotomy syndrome after surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1446-1456.	0.8	6
64	Antiarrhythmic drug therapy among patients presenting to emergency department with symptomatic atrial fibrillation â€” a prospective nationwide cohort. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 81.	2.6	5
65	Does routinely collected patient-reported outcome data represent the actual case-mix of elective coronary revascularization patients?. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2018, 4, 113-119.	4.0	5
66	Distribution of ischemic strokes in patients with atrial fibrillation. <i>Neurology: Clinical Practice</i> , 2019, 9, 330-336.	1.6	5
67	Efficacy and Safety of Clinical-Grade Human Vascular Endothelial Growth Factor-DÎ”NÎ”C Gene Therapy Containing Residual Replication-Competent Adenoviruses. <i>Human Gene Therapy</i> , 2021, 32, 761-770.	2.7	5
68	Continuous 24-h Photoplethysmogram Monitoring Enables Detection of Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2021, 12, 778775.	2.8	5
69	Occurrence and Classification of Cerebrovascular Events after Isolated Bioprosthetic Surgical Aortic Valve Replacement: A Competing Risk Analysis of the CAREAVR Study. <i>Structural Heart</i> , 2018, 2, 157-163.	0.6	4
70	How do different extracorporeal circulation systems affect metoprolol bioavailability in coronary artery bypass surgery patients. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 785-792.	1.9	4
71	Impact of minimal invasive extracorporeal circulation on the need of red blood cell transfusion. <i>Perfusion (United Kingdom)</i> , 2019, 34, 605-612.	1.0	4
72	Late incidence and recurrence of new-onset atrial fibrillation after isolated surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1833-1843.e4.	0.8	4

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73	Income and outcomes of patients with incident atrial fibrillation. <i>Journal of Epidemiology and Community Health</i> , 2022, 76, 736-742.	3.7	4
74	Continuous mHealth Patch Monitoring for the Algorithm-Based Detection of Atrial Fibrillation: Feasibility and Diagnostic Accuracy Study. <i>JMIR Cardio</i> , 2022, 6, e31230.	1.7	4
75	Thromboembolisms related to post-operative electrical cardioversions for atrial fibrillation in patients with surgical aortic valve replacement. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2018, 4, 120-125.	4.0	3
76	Traumatic and spontaneous intracranial hemorrhage in atrial fibrillation patients on warfarin. <i>Neurology: Clinical Practice</i> , 2018, 8, 311-317.	1.6	3
77	How do anticoagulated atrial fibrillation patients who suffer ischemic stroke or spontaneous intracerebral hemorrhage differ?. <i>Clinical Cardiology</i> , 2018, 41, 608-614.	1.8	3
78	Need of Emergency Surgery in Elderly Patients with Upper Gastrointestinal Bleeding: Survival Analysis during 2009â€“2015. <i>Digestive Surgery</i> , 2019, 36, 20-26.	1.2	3
79	Preoperative paroxysmal atrial fibrillation predicts high cardiovascular mortality in patients undergoing surgical aortic valve replacement with a bioprosthesis: CAREAVR study. <i>Clinical Cardiology</i> , 2020, 43, 401-409.	1.8	3
80	Patient-reported outcomes in coronary artery disease: the relationship between the standard, disease-specific set by the International Consortium for Health Outcomes Measurement (ICHOM) and the generic health-related quality of life instrument 15D. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 206.	2.4	3
81	Impact of minimal invasive extracorporeal circulation on perioperative intravenous fluid management in coronary artery bypass surgery. <i>Perfusion (United Kingdom)</i> , 2023, 38, 135-141.	1.0	3
82	Socioeconomic disparities in use of rhythm control therapies in patients with incident atrial fibrillation: A Finnish nationwide cohort study. <i>IJC Heart and Vasculature</i> , 2022, 41, 101070.	1.1	3
83	Plasma aminoâ€“terminal pro Bâ€“type natriuretic peptide as a predictor of late cardiovascular mortality in patients with acute lung disorders: a prospective, observational cohort study. <i>ESC Heart Failure</i> , 2015, 2, 69-75.	3.1	2
84	Cardiac repolarization during fingolimod treatment in patients with relapsingâ€“remitting multiple sclerosis. <i>Brain and Behavior</i> , 2018, 8, e00925.	2.2	2
85	Indications and predictors for pacemaker implantation after isolated aortic valve replacement with bioprostheses: the CAREAVR study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 398-404.	1.1	2
86	A randomized prospective multicenter trial for stroke prevention by prophylactic surgical closure of the left atrial appendage in patients undergoing bioprosthetic aortic valve surgeryâ€“LAA-CLOSURE trial protocol. <i>American Heart Journal</i> , 2021, 237, 127-134.	2.7	2
87	Intramyocardial adenoviral vascular endothelial growth factorâ€“ <sup>1</sup> C gene therapy does not induce ventricular arrhythmias. <i>Journal of Gene Medicine</i> , 0, , .	2.8	2
88	Modulation of sphingosine receptors influences circadian pattern of cardiac autonomic regulation. <i>Physiological Reports</i> , 2016, 4, e12870.	1.7	1
89	Targeted identification of adverse events in coronary artery disease patients based on patient-reported outcomes. <i>Journal of Comparative Effectiveness Research</i> , 2017, 6, 583-589.	1.4	1
90	Purchases of medical therapy recommended for coronary artery disease before and after elective revascularisation. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 81-88.	1.9	1

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91	ILEEM-survey on the Heart Team approach and team training for lead extraction procedures. <i>Cardiology Journal</i> , 2022, 29, 481-488.	1.2	1
92	Discontinuing low-dose acetylsalicylic acid after gastrointestinal bleeding is associated with increased mortality. <i>Scandinavian Journal of Gastroenterology</i> , 2022, , 1-7.	1.5	1
93	Correlation of the disease-specific Canadian Cardiovascular Society (CCS) classification and health-related quality of life (15D) in coronary artery disease patients. <i>PLoS ONE</i> , 2022, 17, e0266101.	2.5	1
94	Frequency of cardioversions as an additional risk factor for stroke in atrial fibrillation â€“ the FinCV-4 study. <i>Annals of Medicine</i> , 2022, 54, 1452-1458.	3.8	1
95	Similar effect of revascularization on technetium-99m sestamibi and 15-( p -iodophenyl)pentadecanoic acid uptake in myocardial infarction patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 1304-1309.	6.4	0
96	Response to Kurtoglu and Balta. <i>Clinical Autonomic Research</i> , 2014, 24, 93-93.	2.5	0
97	The coverage of elective revascularisation procedure codes in the National Finnish Hospital Discharge Register. <i>Annals of Medicine</i> , 2016, 48, 552-558.	3.8	0
98	MO459RENAL FUNCTION AMONG PATIENTS WITH NEW DIAGNOSIS OF ATRIAL FIBRILLATION - RESULTS FROM THE NATIONWIDE FINACAF- STUDY. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.7	0