Jari O Laurikka

List of Publications by Year
in descending order

128	3,152	201674	197818
papers	citations	27 h-index	49 g-index

131	131	131	5165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
2	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
3	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. European Heart Journal, 2012, 33, 2307-2316.	2.2	141
4	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. European Heart Journal, 2021, 42, 919-933.	2.2	113
5	Risk indicators for varicose veins in fortyâ€•to sixtyâ€yearâ€olds in the tampere varicose vein study. World Journal of Surgery, 2002, 26, 648-651.	1.6	109
6	Ischemic Preconditioning Suppresses Ventricular Tachyarrhythmias After Myocardial Revascularization. Circulation, 2002, 106, 3091-3096.	1.6	95
7	Chest CT screening of asbestos-exposed workers: lung lesions and incidental findings. European Respiratory Journal, 2006, 29, 78-84.	6.7	71
8	Regional Ischemic Preconditioning Enhances Myocardial Performance in Off-Pump Coronary Artery Bypass Grafting. Chest, 2002, 121, 1183-1189.	0.8	67
9	Is the Allen test reliable enough?. European Journal of Cardio-thoracic Surgery, 2007, 32, 902-905.	1.4	64
10	Performance of three preoperative risk indices; CABDEAL, EuroSCORE and Cleveland models in a prospective coronary bypass database. European Journal of Cardio-thoracic Surgery, 2002, 21, 406-410.	1.4	56
11	Model selection for metabolomics: predicting diagnosis of coronary artery disease using automated machine learning. Bioinformatics, 2020, 36, 1772-1778.	4.1	42
12	The protective effects of preconditioning decline in aged patients undergoing coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 972-978.	0.8	41
13	Cytokine responses and myocardial injury in coronary artery bypass grafting. Scandinavian Journal of Clinical and Laboratory Investigation, 2001, 61, 161-166.	1.2	40
14	Incidence, presentation and risk factors of late postoperative pericardial effusions requiring invasive treatment after cardiac surgery. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 835-840.	1.1	40
15	High Postoperative Interleukinâ€8ÂLevels Related to Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Surgery. World Journal of Surgery, 2008, 32, 2643-2649.	1.6	39
16	Varicose veins in a Finnish population aged 40-60.. Journal of Epidemiology and Community Health, 1993, 47, 355-357.	3.7	38
17	Nonlinear heart rate variability in CABG patients and the preconditioning effect. European Journal of Cardio-thoracic Surgery, 2005, 28, 109-113.	1.4	38
18	Biomarker Glycoprotein Acetyls Is Associated With the Risk of a Wide Spectrum of Incident Diseases and Stratifies Mortality Risk in Angiography Patients. Circulation Genomic and Precision Medicine, 2018, 11, e002234.	3.6	38

#	Article	IF	Citations
19	Late Sequelae of Acute Deep Venous Thrombosis: Evaluation Five and Ten Years after. Phlebology, 1995, 10, 106-109.	1.2	37
20	Fibrillation in patients subjected to coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1477-1482.	0.8	34
21	Arrhythmias in off-pump coronary artery bypass grafting and the antiarrhythmic effect of regional ischemic preconditioning. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 459-464.	1.3	34
22	Bradykinin preconditioning in coronary artery bypass grafting. Annals of Thoracic Surgery, 2004, 78, 492-497.	1.3	34
23	Higher Age Predicts Adverse Outcome and Readmission after Coronary Artery Bypass Grafting. World Journal of Surgery, 2003, 27, 1317-1322.	1.6	32
24	Quality of life during 18 months after coronary artery bypass graftingâ˜†. European Journal of Cardio-thoracic Surgery, 2007, 32, 77-82.	1.4	32
25	Adipocytokine resistin correlates with oxidative stress and myocardial injury in patients undergoing cardiac surgery. European Journal of Cardio-thoracic Surgery, 2014, 46, 729-736.	1.4	31
26	Mesenteric Infarction after Aortoiliac Surgery on the Basis of 1752 Operations from the National Vascular Registry. World Journal of Surgery, 1999, 23, 243-247.	1.6	30
27	Cardiomyocyte apoptosis and ischemic preconditioning in open heart operations. Annals of Thoracic Surgery, 2003, 76, 528-534.	1.3	30
28	Impact of Selection Bias on Estimation of Subsequent Event Risk. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	28
29	Novel pharmacological preconditioning with diazoxide attenuates myocardial stunning in coronary artery bypass grafting. European Journal of Cardio-thoracic Surgery, 2003, 24, 967-973.	1.4	27
30	Misclassification in a questionnaire survey of varicose veins. Journal of Clinical Epidemiology, 1995, 48, 1175-1178.	5.0	25
31	INFLAMMATORY CYTOKINES AND SOLUBLE RECEPTORS AFTER CORONARY ARTERY BYPASS GRAFTING. Cytokine, 2001, 15, 223-228.	3.2	24
32	HRQoL after coronary artery bypass grafting and percutaneous coronary intervention for stable angina. Scandinavian Cardiovascular Journal, 2009, 43, 94-99.	1.2	24
33	Cardioprotective Effect of Adenosine Pretreatment in Coronary Artery Bypass Grafting. Chest, 2001, 120, 860-865.	0.8	23
34	Common variation in the ADAM8 gene affects serum sADAM8 concentrations and the risk of myocardial infarction in two independent cohorts. Atherosclerosis, 2011, 218, 127-133.	0.8	23
35	Ceftriaxone vs Cefuroxime for Infection Prophylaxis in Coronary Bypass Surgery. Scandinavian Journal of Thoracic and Cardiovascular Surgery, 1994, 28, 143-148.	0.2	22
36	Adenosine-enhanced ischemic preconditioning decreases infarct in the regional ischemic sheep heart. Annals of Thoracic Surgery, 1998, 66, 382-387.	1.3	22

#	Article	IF	Citations
37	Persons With Varicose Veins Have a High Subsequent Incidence of Arterial Disease: A Population-Based Study in Tampere, Finland. Angiology, 2007, 58, 704-709.	1.8	22
38	Genome-Wide Association Study Pinpoints a New Functional Apolipoprotein B Variant Influencing Oxidized Low-Density Lipoprotein Levels But Not Cardiovascular Events. Circulation: Cardiovascular Genetics, 2013, 6, 73-81.	5.1	22
39	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471.	3.6	22
40	Effect of ischaemic preconditioning, cardiopulmonary bypass and myocardial ischaemic/reperfusion on free radical generation in CABG patients. Vascular, 2001, 9, 362-368.	0.5	19
41	The effects of parity, oral contraceptive use and hormone replacement therapy on the incidence of varicose veins. Journal of Obstetrics and Gynaecology, 2006, 26, 448-451.	0.9	19
42	Cytokine Responses in Patients Undergoing Coronary Artery Bypass Surgery after Ischemic Preconditioning. Scandinavian Cardiovascular Journal, 2001, 35, 142-146.	1.2	18
43	Perioperative and postoperative arrhythmia in three-vessel coronary artery disease patients and antiarrhythmic effects of ischemic preconditioning. European Journal of Cardio-thoracic Surgery, 2003, 23, 578-584.	1.4	18
44	Antiarrhythmic Effect of Ischemic Preconditioning in Recent Unstable Angina Patients Undergoing Coronary Artery Bypass Grafting. World Journal of Surgery, 2004, 28, 74-79.	1.6	18
45	Protective Effect of Unstable Angina in Coronary Artery Bypass Surgery. Scandinavian Cardiovascular Journal, 2000, 34, 486-492.	1.2	17
46	Mitochondrial DNA deletions in coronary artery bypass grafting patients. European Journal of Cardio-thoracic Surgery, 2003, 24, 777-784.	1.4	17
47	Perioperative myocardial infarction has negative impact on health-related quality of life following coronary artery bypass graft surgery. European Journal of Cardio-thoracic Surgery, 2004, 26, 621-627.	1.4	17
48	Human adaptation to ischemia by preconditioning or unstable angina: involvement of nuclear factor kappa B, but not hypoxia-inducible factor 1 alpha in the heart. European Journal of Cardio-thoracic Surgery, 2008, 34, 976-984.	1.4	17
49	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	3.6	17
50	Cytokine responses in low-risk coronary artery bypass surgery. International Journal of Angiology, 2001, 10, 27-30.	0.6	16
51	Isoflurane produces only minor preconditioning in coronary artery bypass grafting. Scandinavian Cardiovascular Journal, 2004, 38, 287-292.	1.2	16
52	EuroSCORE predicts health-related quality of life after coronary artery bypass grafting. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 564-568.	1.1	16
53	Lifestyle factors and varicose veins: does cross-sectional design result in underestimate of the risk?. Phlebology, 2010, 25, 201-206.	1.2	16
54	Continuous pleural lavage may decrease postoperative morbidity in patients undergoing thoracotomy for stage 2 thoracic empyema. European Journal of Cardio-thoracic Surgery, 2005, 27, 32-34.	1.4	15

#	Article	IF	Citations
55	Initial results of a clinical study: adenosine enhanced cardioprotection and its effect on cardiomyocytes apoptosis during coronary artery bypass graftingâ˜†â˜†â˜†. European Journal of Cardio-thoracic Surgery, 2008, 33, 639-644.	1.4	15
56	The anti-inflammatory effect of bradykinin preconditioning in coronary artery bypass grafting (bradykinin and preconditioning). Scandinavian Cardiovascular Journal, 2009, 43, 72-79.	1.2	15
57	Increasing Occurrence of Postoperative Atrial Fibrillation in Contemporary Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1302-1307.	1.3	15
58	Trends in the Incidence, Etiology, Treatment, and Outcomes of Pleural Infections in Adults Over a Decade in a Finnish University Hospital. Scandinavian Journal of Surgery, 2020, 109, 127-132.	2.6	15
59	Myocardial lactate production is not involved in the ischemic preconditioning mechanism in coronary artery bypass graft surgery patients. Journal of Cardiothoracic and Vascular Anesthesia, 2001, 15, 412-417.	1.3	14
60	Incidence of varicose veins in Finland. Vasa - European Journal of Vascular Medicine, 2004, 33, 159-163.	1.4	14
61	THE ANTI-INFLAMMATORY EFFECT OF DIAZOXIDE IN CORONARY ARTERY BYPASS GRAFTING. Shock, 2004, 22, 23-28.	2.1	14
62	Effect of Family History on the Incidence of Varicose Veins: A Population-Based Follow-Up Study in Finland. Angiology, 2009, 60, 487-491.	1.8	14
63	Hyperglycemic Episodes Are Associated With Postoperative Infections After Cardiac Surgery. Scandinavian Journal of Surgery, 2018, 107, 138-144.	2.6	14
64	Cardioprotective effect of pump prime aprotinin in coronary artery bypass grafting. Cardiovascular Drugs and Therapy, 2002, 16, 37-42.	2.6	13
65	Vacuum assistance therapy as compared to early reconstructive treatment in deep sternal wound infection. Scandinavian Journal of Surgery, 2021, 110, 145749692097928.	2.6	12
66	Adenosine with cold blood cardioplegia during coronary revascularization. Journal of Cardiothoracic and Vascular Anesthesia, 2000, 14, 18-20.	1.3	11
67	Soluble Adhesion Molecules and Myocardial Injury during Coronary Artery Bypass Grafting. World Journal of Surgery, 2003, 27, 140-144.	1.6	11
68	Relation of Cytokines to Vasodilation after Coronary Artery Bypass Grafting. World Journal of Surgery, 2003, 27, 1093-1098.	1.6	11
69	Effect of Diabetes on Outcome and Changes in Quality of Life After Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2005, 79, 819-824.	1.3	11
70	Arterial disease but not hypertension predisposes to varicose veins. Phlebology, 2008, 23, 142-146.	1.2	11
71	Long-Term Prognosis and Causes of Death After Pleural Infections. Scandinavian Journal of Surgery, 2018, 107, 145-151.	2.6	11
72	Association of Factor V Leiden With Subsequent Atherothrombotic Events. Circulation, 2020, 142, 546-555.	1.6	11

#	Article	IF	Citations
73	The effect of postoperative complications on health-related quality of life and survival 12â€‰years after coronary artery bypass grafting â€“ a prospective cohort study. Journal of Cardiothoracic Surgery, 2021, 16, 173.	1.1	11
74	Imbalance of pro- and anti-inflammatory cytokine responses in elderly patients after coronary artery bypass grafting. Aging Clinical and Experimental Research, 2003, 15, 469-474.	2.9	10
75	Improved Health-related Quality of Life after Coronary Artery Bypass Grafting Is Unrelated to Use of Cardiopulmonary Bypass. World Journal of Surgery, 2004, 28, 1030-1035.	1.6	10
76	An Optical Method for the In-Vivo Characterization of the Biomechanical Response of the Right Ventricle. Scientific Reports, 2018, 8, 6831.	3.3	10
77	Epitranscriptomics of Ischemic Heart Diseaseâ€”The IHD-EPITRAN Study Design and Objectives. International Journal of Molecular Sciences, 2021, 22, 6630.	4.1	10
78	Long Saphenous Vein Stripping in the Treatment of Varicose Veins: Self- and Surgeon-Assessed Results after 10 Years. Phlebology, 1994, 9, 13-16.	1.2	9
79	Intimal thickening and fragmentation of the internal elastic lamina in the mesenteric arteries. Apmis, 1996, 104, 395-400.	2.0	9
80	Effect of family history on the risk of varicose veins is affected by differential misclassification. Journal of Clinical Epidemiology, 2010, 63, 686-690.	5.0	9
81	Rational Autologous Cell Sources For Therapy of Heart Failure - Vehicles and Targets For Gene and RNA Therapies. Current Gene Therapy, 2016, 16, 21-33.	2.0	9
82	Anti-inflammatory effects of 17Î²-estradiol pretreatment in men after coronary artery surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2001, 15, 455-459.	1.3	8
83	Non-harvestable radial artery. A bilateral problem?. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 797-800.	1.1	8
84	Aquaporin-7 expression during coronary artery bypass grafting with Diazoxide. Scandinavian Cardiovascular Journal, 2011, 45, 354-359.	1.2	7
85	Cardiopulmonary bypass decreases pulmonary vascular resistance index after coronary artery bypass surgery. Scandinavian Journal of Clinical and Laboratory Investigation, 2014, 74, 37-43.	1.2	7
86	Zu Inzidenz und Risikofaktoren von Phlebothrombosen. Vasa - European Journal of Vascular Medicine, 1999, 28, 195-198.	1.4	6
87	Pump Prime Aprotinin Fails to Limit Proinflammatory Cytokine Release After Coronary Artery Bypass Surgery. Scandinavian Cardiovascular Journal, 2001, 35, 50-54.	1.2	6
88	The effect of obesity on long-term survival and health-related quality of life after coronary artery bypass grafting. Coronary Artery Disease, 2018, 29, 378-383.	0.7	6
89	Effects of a Novel Pneumatic Vest on Postoperative Pain and Lung Function After Coronary Artery Bypass Grafting. Scandinavian Cardiovascular Journal, 1998, 32, 141-144.	1.2	5
90	Diagnostic performance of plasma high sensitive Câ€reactive protein in detecting threeâ€vessel coronary artery disease: modification by apolipoprotein E genotype. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 714-719.	1.2	5

#	Article	IF	Citations
91	Symptoms of Sternal Nonunion Late after Cardiac Surgery. Thoracic and Cardiovascular Surgeon, 2017, 65, 325-331.	1.0	5
92	The Impact of Adenosine Fast Induction of Myocardial Arrest during CABG on Myocardial Expression of Apoptosis-Regulating Genes Bax and Bcl-2. Cardiology Research and Practice, 2009, 2009, 1-6.	1.1	4
93	Postoperative Sternal Stability Assessed by Vibration: A Preliminary Study. Annals of Thoracic Surgery, 2012, 94, 260-264.	1.3	4
94	The incidence and long-term outcomes of esophageal perforations in Finland between 1996 and 2017 â€“ a national registry-based analysis of 1106 esophageal perforations showing high early and late mortality rates and better outcomes in patients treated at high-volume centers. Scandinavian Journal of Gastroenterology, 2020, 55, 395-401.	1.5	4
95	Atherosclerosis in the abdominal aorta and its visceral branches: Associations with other manifestations of atherosclerosis in an autopsy study. International Journal of Angiology, 1996, 5, 41-44.	0.6	3
96	Soluble Adhesion Molecules in Coronary Artery Bypass Surgery. Asian Cardiovascular and Thoracic Annals, 2003, 11, 198-202.	0.5	3
97	The human heart releases cardiotrophin-1after coronary artery bypass grafting with cardiopulmonary bypass. Scandinavian Cardiovascular Journal, 2011, 45, 252-256.	1.2	3
98	Electrocardiographic findings during balloon angioplasty of the left circumflex coronary artery â€“ influence of location of the ischemic segments with respect to the obtuse margin of the left ventricle. Journal of Electrocardiology, 2017, 50, 102-110.	0.9	3
99	Characterization of the anisotropic deformation of the right ventricle during open heart surgery. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 103-113.	1.6	3
100	High Occurrence of Thrombo-Embolic Complications During Long-Term Follow-up After Pleural Infectionsâ€"A Single-Center Experience with 536 Consecutive Patients Over 17 Years. Lung, 2020, 198, 671-678.	3.3	3
101	Risk of symptomatic venous thromboembolism after abdominal aortic aneurysm repair in long-term follow-up of 1021 consecutive patients. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2021, 9, 54-61.	1.6	3
102	A randomized trial comparing inspiratory training and positive pressure training in immediate lung recovery after minor pleuro-pulmonary surgery. Journal of Thoracic Disease, 2021, 13, 4690-4702.	1.4	3
103	Inspiratory training and immediate lung recovery after resective pulmonary surgery: a randomized clinical trial. Journal of Thoracic Disease, 2020, 12, 6701-6711.	1.4	3
104	Ischemic Heart Disease Selectively Modifies the Right Atrial Appendage Transcriptome. Frontiers in Cardiovascular Medicine, 2021, 8, 728198.	2.4	3
105	Recent unstable angina and offâ€pump coronary artery bypass grafting is not related to postoperative atrial fibrillation. Scandinavian Cardiovascular Journal, 2003, 37, 334-339.	1.2	2
106	Aprotinin Impacts 8-Isoprostane after Coronary Artery Bypass Grafting. Scandinavian Journal of Surgery, 2018, 107, 329-335.	2.6	2
107	Vibration transmittance measures sternotomy stability â€“ a preliminary study in human cadavers. Journal of Cardiothoracic Surgery, 2019, 14, 2.	1.1	2
108	A device for measuring sternal bone connectivity using vibration analysis techniques. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 81-90.	1.8	2

#	Article	IF	Citations
109	Pleural infectionâ€"an indicator of morbidity and increased burden on health care. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 513-518.	1.1	2
110	Early postoperative statin administration does not affect the rate of atrial fibrillation after cardiac surgery. European Journal of Cardio-thoracic Surgery, 2020, 57, 1154-1159.	1.4	2
111	The prognostic significance of a positive or isoelectric T wave in lead aVR in patients with acute coronary syndrome and ischemic ECG changes in the presenting ECG - Long-term follow-up data of the TACOS study. Journal of Electrocardiology, 2020, 60, 131-137.	0.9	2
112	Forearm vessel atherosclerosis. A harbinger of carotid disease?. Scandinavian Cardiovascular Journal, 2009, 43, 69-71.	1.2	1
113	External Validation of Modified EuroSCORE. World Journal of Surgery, 2010, 34, 2979-2984.	1.6	1
114	The Impact of Lung Ventilation on Some Cytokines after Coronary Artery Bypass Grafting. Scandinavian Journal of Surgery, 2017, 106, 87-93.	2.6	1
115	Pulmonary vascular resistance index during coronary artery bypass surgery with aprotinin. Scandinavian Journal of Clinical and Laboratory Investigation, 2017, 77, 315-320.	1.2	1
116	Serum apolipoprotein A-I concentration differs in coronary and peripheral artery disease. Scandinavian Journal of Clinical and Laboratory Investigation, 2020, 80, 370-374.	1.2	1
117	The Effect of Atrial Fibrillation on the Long-Term Mortality of Patients with Acute Coronary Syndrome: The TACOS Study. Cardiology, 2021, 146, 508-516.	1.4	1
118	Inspiratory training and immediate lung recovery after resective pulmonary surgery: a randomized clinical trial. Journal of Thoracic Disease, 2020, 12, 6701-6711.	1.4	1
119	Regional differences in the use of a vascular surgical service and incidence of amputations in a well-defined geographical area. The European Journal of Surgery, 2002, 168, 724-9.	0.9	1
120	The prognostic significance of the electrical QRS axis on long-term mortality in acute coronary syndrome patients - The TACOS study. Journal of Electrocardiology, 2022, 73, 22-28.	0.9	1
121	Improved health-related quality of life in patients 6 and 12 months after surgical aortic valve replacement. Scandinavian Cardiovascular Journal, 2022, 56, 121-126.	1.2	1
122	Associations of Polymorphisms in the Peroxisome Proliferator-Activated Receptor Gamma Coactivator-1 Alpha Gene With Subsequent Coronary Heart Disease: An Individual-Level Meta-Analysis. Frontiers in Physiology, 0, 13, .	2.8	1
123	Soluble Adhesion Molecules in Coronary Surgery and Cardiopulmonary Bypass with Pump Prime Aprotinin. Scandinavian Cardiovascular Journal, 2002, 36, 345-349.	1.2	0
124	Effect of 17 beta-estradiol on soluble P-selectin in coronary artery bypass grafting. Cardiovascular Drugs and Therapy, 2003, 17, 93-94.	2.6	0
125	Aspirin and statin medication decreases the risk of myocardial infarction associated with LTA and NFKBIL1 polymorphisms. Open Medicine (Poland), 2006, 1, 237-249.	1.3	0
126	The Occurrence of Lung Cancer and Non-Pulmonary Malignancies After Pleural Infections. Scandinavian Journal of Surgery, 2021, 110, 99-104.	2.6	0

#	Article	IF	Citations
127	Quantitative assessment of full field deformation of right ventricle during open heart surgery. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2021, 9, 157-165.	1.9	0
128	Linearity of Simultaneously Recorded Impedance Pneumography and Direct Pneumotachography in Thoracic Surgery Patients. IFMBE Proceedings, 2018, , 1077-1080.	0.3	0