

# Søren Lundbye-Christensen

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

1,782  
citations

331670

21  
h-index

330143

37  
g-index

102  
all docs

102  
docs citations

102  
times ranked

2942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity of the diagnoses atrial fibrillation and atrial flutter in a Danish patient registry. Scandinavian Cardiovascular Journal, 2012, 46, 149-153.	1.2	174
2	Perfusion MRI of brain tumours: a comparative study of pseudo-continuous arterial spin labelling and dynamic susceptibility contrast imaging. Neuroradiology, 2010, 52, 307-317.	2.2	158
3	Longitudinal MRI study of cortical thickness, perfusion, and metabolite levels in major depressive disorder. Acta Psychiatrica Scandinavica, 2011, 124, 435-446.	4.5	121
4	High prevalence of foot problems in the Danish population: A survey of causes and associations. Foot, 2010, 20, 7-11.	1.1	62
5	Preoperative Plasma D-Dimer Is a Predictor of Postoperative Deep Venous Thrombosis in Colorectal Cancer Patients. Diseases of the Colon and Rectum, 2009, 52, 446-451.	1.3	54
6	Low-dose fish oil supplementation increases serum adiponectin without affecting inflammatory markers in overweight subjects. Nutrition Research, 2012, 32, 15-23.	2.9	53
7	Classifying sows' activity types from acceleration patterns. Applied Animal Behaviour Science, 2008, 111, 262-273.	1.9	52
8	State-space models for multivariate longitudinal data of mixed types. Canadian Journal of Statistics, 1996, 24, 385-402.	0.9	47
9	A U-shaped association between consumption of marine n-3 fatty acids and development of atrial fibrillation/atrial flutter—a Danish cohort study. Europace, 2014, 16, 1554-1561.	1.7	39
10	Modelling and monitoring sows' activity types in farrowing house using acceleration data. Computers and Electronics in Agriculture, 2011, 76, 316-324.	7.7	38
11	Effects of Perioperative Supplementation with Omega-3 Fatty Acids on Leukotriene B4 and Leukotriene B5 Production by Stimulated Neutrophils in Patients with Colorectal Cancer: A Randomized, Placebo-Controlled Intervention Trial. Nutrients, 2014, 6, 4043-4057.	4.1	36
12	Reference intervals and age and gender dependency for arterial blood gases and electrolytes in adults. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1495-500.	2.3	33
13	Marine n-3 Polyunsaturated Fatty Acids and the Risk of Ischemic Stroke. Stroke, 2019, 50, 274-282.	2.0	33
14	Secular trends and seasonality in first-time hospitalization for acute myocardial infarction—a Danish population-based study. International Journal of Cardiology, 2004, 97, 425-431.	1.7	32
15	A 20-year ecological study of the temporal association between influenza and meningococcal disease. European Journal of Epidemiology, 2003, 19, 181-187.	5.7	31
16	A LONGITUDINAL STUDY OF EMERGENCY ROOM VISITS AND AIR POLLUTION FOR PRINCE GEORGE, BRITISH COLUMBIA. , 1996, 15, 823-836.		29
17	Modeling of sows diurnal activity pattern and detection of parturition using acceleration measurements. Computers and Electronics in Agriculture, 2012, 80, 97-104.	7.7	29
18	Classification of sows' activity types from acceleration patterns using univariate and multivariate models. Computers and Electronics in Agriculture, 2010, 72, 53-60.	7.7	28

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19	Risk of atrial fibrillation associated with coffee intake: Findings from the Danish Diet, Cancer, and Health study. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 922-930.	1.8	28
20	Marine n-3 polyunsaturated fatty acids lower plasma proprotein convertase subtilisin kexin type 9 levels in pre- and postmenopausal women: A randomised study. <i>Vascular Pharmacology</i> , 2016, 76, 37-41.	2.1	27
21	Foot exercises and foot orthoses are more effective than knee focused exercises in individuals with patellofemoral pain. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 10-15.	1.3	24
22	Socioeconomic position and risk of atrial fibrillation: a nationwide Danish cohort study. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, 7-13.	3.7	24
23	Association of fish consumption and dietary intake of marine n-3 PUFA with myocardial infarction in a prospective Danish cohort study. <i>British Journal of Nutrition</i> , 2016, 116, 167-177.	2.3	23
24	Socioeconomic inequality in oral anticoagulation therapy initiation in patients with atrial fibrillation with high risk of stroke: a register-based observational study. <i>BMJ Open</i> , 2021, 11, e048839.	1.9	23
25	Acute Procedural Pain in Children. <i>Clinical Journal of Pain</i> , 2018, 34, 1032-1038.	1.9	20
26	Marine n-3 fatty acids in adipose tissue and development of atrial fibrillation: a Danish cohort study. <i>Heart</i> , 2013, 99, 1519-1524.	2.9	18
27	Dietary intake and adipose tissue content of $\alpha$ -linolenic acid and risk of myocardial infarction: a Danish cohort study. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 41-48.	4.7	18
28	Novel Blood-Derived Extracellular Vesicle-Based Biomarkers in Alzheimer's Disease Identified by Proximity Extension Assay. <i>Biomedicines</i> , 2020, 8, 199.	3.2	18
29	Exercise therapy and custom-made insoles are effective in patients with excessive pronation and chronic foot pain: A randomized controlled trial. <i>Foot</i> , 2013, 23, 22-28.	1.1	17
30	Marine and plant-based n-3 PUFA and atherosclerotic cardiovascular disease. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 22-29.	1.0	17
31	Does atrial pacing lead to atrial fibrillation in patients with sick sinus syndrome? Insights from the DANPACE trial. <i>Europace</i> , 2014, 16, 241-245.	1.7	16
32	Lowering the linoleic acid to alpha-linoleic acid ratio decreases the production of inflammatory mediators by cultured human endothelial cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 141, 1-8.	2.2	15
33	Linoleic Acid in Adipose Tissue and Development of Ischemic Stroke: A Danish Case-Cohort Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	14
34	Effect of Atrial Septal Defect in Adults on Work Participation (from a Nation Wide Register-Based) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>American Journal of Cardiology</i> , 2019, 124, 1775-1779.	1.6	14
35	Poisson regression models outperform the geometrical model in estimating the peak-to-trough ratio of seasonal variation: A simulation study. <i>Computer Methods and Programs in Biomedicine</i> , 2011, 104, 333-340.	4.7	13
36	Substitution of Linoleic Acid for Other Macronutrients and the Risk of Ischemic Stroke. <i>Stroke</i> , 2017, 48, 3190-3195.	2.0	13

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37	Long-chain n-3 and n-6 polyunsaturated fatty acids and risk of atrial fibrillation: Results from a Danish cohort study. PLoS ONE, 2017, 12, e0190262.	2.5	13
38	Marine n-3 Fatty Acids and the Risk of Peripheral Arterial Disease. Journal of the American College of Cardiology, 2018, 72, 1576-1584.	2.8	13
39	Percutaneous versus thoracoscopic ablation of symptomatic paroxysmal atrial fibrillation: a randomised controlled trial - the FAST II study. Journal of Cardiothoracic Surgery, 2018, 13, 101.	1.1	13
40	Explaining trends in coronary heart disease mortality in different socioeconomic groups in Denmark 1991-2007 using the IMPACTSEC model. PLoS ONE, 2018, 13, e0194793.	2.5	13
41	Dietary Intake of $\hat{\pm}$ -Linolenic Acid Is Not Appreciably Associated with Risk of Ischemic Stroke among Middle-Aged Danish Men and Women. Journal of Nutrition, 2018, 148, 952-958.	2.9	13
42	Statistical Modeling of the Response Characteristics of Mechanosensitive Stimuli in the Human Esophagus. Journal of Pain, 2005, 6, 455-462.	1.4	12
43	Risk factors of cardiac device infection: Glove contamination during device procedures. American Journal of Infection Control, 2017, 45, 866-871.	2.3	12
44	Seasonal variation in meningococcal disease in Denmark: relation to age and meningococcal phenotype. Scandinavian Journal of Infectious Diseases, 2003, 35, 226-9.	1.5	12
45	Examining secular trends and seasonality in count data using dynamic generalized linear modelling: a new methodological approach illustrated with hospital discharge data on myocardial infarction. European Journal of Epidemiology, 2009, 24, 225-230.	5.7	11
46	Dynamic production monitoring in pig herds II. Modeling and monitoring farrowing rate at herd level. Livestock Science, 2013, 155, 92-102.	1.6	11
47	Preoperative Electrocardiogram Score for Predicting New-Onset Postoperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 69-76.	1.3	11
48	Common Polymorphisms in the 5-Lipoxygenase Pathway and Risk of Incident Myocardial Infarction: A Danish Case-Cohort Study. PLoS ONE, 2016, 11, e0167217.	2.5	11
49	Obstructive sleep apnea and risk of suicide and self-harm: a Danish Nationwide Cohort Study. Sleep, 2022, 45, .	1.1	11
50	Combined use of clinical pre-test probability and D-dimer test in the diagnosis of preoperative deep venous thrombosis in colorectal cancer patients. Thrombosis and Haemostasis, 2008, 99, 396-400.	3.4	10
51	Effect of Intravenous $\hat{\pm}$ Fatty Acid Infusion and Hemodialysis on Fatty Acid Composition of Free Fatty Acids and Phospholipids in Patients With End-Stage Renal Disease. Journal of Parenteral and Enteral Nutrition, 2011, 35, 97-106.	2.6	10
52	Adipose Tissue Content of Marine N-3 Polyunsaturated Fatty Acids Is Inversely Associated With Myocardial Infarction. Journal of the American College of Cardiology, 2016, 67, 1008-1009.	2.8	10
53	Adipose tissue content of alpha-linolenic acid and the risk of ischemic stroke and ischemic stroke subtypes: A Danish case-cohort study. PLoS ONE, 2018, 13, e0198927.	2.5	10
54	Work Status and Return to the Workforce after Coronary Artery Bypass Grafting and/or Heart Valve Surgery: A One-Year-Follow Up Study. Rehabilitation Research and Practice, 2014, 2014, 1-6.	0.6	9

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55	Improvement of anticoagulant treatment using a dynamic decision support algorithm. <i>Thrombosis Research</i> , 2014, 133, 375-379.	1.7	9
56	Substitution of poultry and red meat with fish and the risk of peripheral arterial disease: a Danish cohort study. <i>European Journal of Nutrition</i> , 2019, 58, 2731-2739.	3.9	9
57	Maternal and perinatal complications by day of gestation after spontaneous labor at 40–42 weeks of gestation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2011, 90, 852-856.	2.8	8
58	The Effect of Low-Dose Marine n-3 Fatty Acids on Plasma Levels of sCD36 in Overweight Subjects: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Marine Drugs</i> , 2013, 11, 3324-3334.	4.6	8
59	Dynamic production monitoring in pig herds III. Modeling and monitoring mortality rate at herd level. <i>Livestock Science</i> , 2014, 168, 128-138.	1.6	8
60	Plant n-3 PUFA intake may lower the risk of atherosclerotic cardiovascular disease only among subjects with a low intake of marine n-3 PUFAs. <i>European Journal of Nutrition</i> , 2022, 61, 557-559.	3.9	8
61	Interactions between 5-Lipoxygenase Polymorphisms and Adipose Tissue Contents of Arachidonic and Eicosapentaenoic Acids Do Not Affect Risk of Myocardial Infarction in Middle-Aged Men and Women in a Danish Case-Cohort Study. <i>Journal of Nutrition</i> , 2017, 147, 1340-1347.	2.9	8
62	Adiposity in 277 young adult male offspring of women with diabetes compared with controls: A Danish population-based cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 838-843.	2.8	7
63	Effect of Dietary Intake of Saturated Fatty Acids on the Development of Atrial Fibrillation and the Effect of Replacement of Saturated With Monounsaturated and Polyunsaturated Fatty Acids. <i>American Journal of Cardiology</i> , 2017, 120, 1129-1132.	1.6	7
64	The Pseudo-Observation Analysis of Time-To-Event Data. Example from the Danish Diet, Cancer and Health Cohort Illustrating Assumptions, Model Validation and Interpretation of Results. <i>Epidemiologic Methods</i> , 2018, 7, .	0.9	7
65	Congenital Heart Disease and Risk of Suicide and Self-Harm: A Danish Nationwide Cohort Study. <i>Journal of the American Heart Association</i> , 2020, 9, e015735.	3.7	7
66	Offspring preterm birth and birth size are related to long-term risk of maternal diabetes. <i>European Journal of Epidemiology</i> , 2013, 28, 427-432.	5.7	6
67	Fatty Acid Composition in Various Types of Cardiac Adipose Tissues and Its Relation to the Fatty Acid Content of Atrial Tissue. <i>Nutrients</i> , 2018, 10, 1506.	4.1	6
68	Risk Assessment of Acute, All-Cause 30-Day Readmission in Patients Aged 65+: a Nationwide, Register-Based Cohort Study. <i>Journal of General Internal Medicine</i> , 2019, 34, 226-234.	2.6	6
69	Maternal thyroid disease and adiposity in mother and child. <i>Clinical Endocrinology</i> , 2021, 94, 484-493.	2.4	6
70	Omega-3 fatty acids in adipose tissue and risk of atrial fibrillation. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13649.	3.4	6
71	Using a personalized decision support algorithm for dosing in warfarin treatment: A randomised controlled trial. <i>Clinical Trials and Regulatory Science in Cardiology</i> , 2017, 25, 1-6.	1.0	5
72	Substitution of Fish for Red Meat or Poultry and Risk of Ischemic Stroke. <i>Nutrients</i> , 2018, 10, 1648.	4.1	5

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73	Regression models for interval censored data using parametric pseudo-observations. BMC Medical Research Methodology, 2021, 21, 36.	3.1	5
74	Validation of post-operative atrial fibrillation in the Western Denmark Heart Registry. Danish Medical Journal, 2015, 62, A5162.	0.5	5
75	Safety and efficacy of direct oral anticoagulants in patients with anaemia and atrial fibrillation: an observational nationwide Danish cohort study. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 840-851.	4.0	5
76	Monitoring of anticoagulant therapy applying a dynamic statistical model. Computer Methods and Programs in Biomedicine, 2013, 110, 380-388.	4.7	4
77	Marine n-3 fatty acids are incorporated into atrial tissue but do not correlate with postoperative atrial fibrillation in cardiac surgery. Vascular Pharmacology, 2016, 87, 70-75.	2.1	4
78	Marine n-3 PUFA, heart rate variability and ventricular arrhythmias in patients on chronic dialysis: a cross-sectional study. British Journal of Nutrition, 2018, 120, 317-325.	2.3	4
79	Intake of $\pm$ -linolenic acid is not consistently associated with a lower risk of peripheral artery disease: results from a Danish cohort study. British Journal of Nutrition, 2019, 122, 86-92.	2.3	4
80	Patterns of adipose tissue fatty acids and the risk of atrial fibrillation: A case-cohort study. PLoS ONE, 2018, 13, e0208833.	2.5	3
81	Regression models using parametric pseudo-observations. Statistics in Medicine, 2020, 39, 2949-2961.	1.6	3
82	Severity of human non-typhoid salmonellosis as a predictor of short- and long-term mortality. Scandinavian Journal of Infectious Diseases, 2009, 41, 99-104.	1.5	2
83	Haemostatis activity in rectal cancer patients exposed to preoperative radiotherapy: a clinical prospective cohort study. Blood Coagulation and Fibrinolysis, 2009, 20, 276-282.	1.0	2
84	High dose atorvastatin therapy and QTc interval in patients treated with coronary bypass surgery. International Journal of Cardiology, 2013, 168, 1526-1528.	1.7	2
85	Adipose tissue content of saturated fatty acids and atrial fibrillation: A case-cohort study. European Journal of Clinical Investigation, 2017, 47, e12836.	3.4	2
86	Description of OPRA: A Danish database designed for the analyses of risk factors associated with 30-day hospital readmission of people aged 65+ years. Scandinavian Journal of Public Health, 2017, 45, 595-604.	2.3	2
87	Intake of marine n-3 polyunsaturated fatty acids and the risk of incident peripheral artery disease. European Journal of Clinical Nutrition, 2021, 75, 1483-1490.	2.9	2
88	A LONGITUDINAL STUDY OF EMERGENCY ROOM VISITS AND AIR POLLUTION FOR PRINCE GEORGE, BRITISH COLUMBIA. Statistics in Medicine, 1996, 15, 823-836.	1.6	2
89	Association Between Newly Diagnosed Atrial Fibrillation and Work Disability (from a Nationwide) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	2
90	Using the C2HEST Score for Predicting Postoperative Atrial Fibrillation After Cardiac Surgery: A Report From the Western Denmark Heart Registry, the Danish National Patient Registry, and the Danish National Prescription Registry. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 3730-3737.	1.3	2

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91	Familial hypercholesterolaemia: a study protocol for identification and investigation of potential causes and markers of subclinical coronary artery disease in the Faroe Islands. BMJ Open, 2022, 12, e050857.	1.9	2
92	An impedance threshold device did not improve carotid blood flow in a porcine model of prolonged cardiac arrest. Journal of Translational Medicine, 2020, 18, 83.	4.4	1
93	Storage time of intraoperative transfused allogeneic red blood cells is not associated with new-onset postoperative atrial fibrillation in cardiac surgery. PLoS ONE, 2017, 12, e0172726.	2.5	1
94	Data mining to assess variations in oral anticoagulant treatment. Studies in Health Technology and Informatics, 2010, 160, 974-8.	0.3	1
95	A Prospective Cohort Study of Substitutions of Poultry, Red Meat or Lean Fish with Fatty Fish and the Risk of Incident Peripheral Arterial Disease in Men. European Journal of Vascular and Endovascular Surgery, 2019, 58, e253-e254.	1.5	0
96	P0945 STUDY PROTOCOL: ADIPOSE TISSUE CONTENT OF N-3 POLYUNSATURATED FATTY ACIDS AND THE RISK OF CHRONIC KIDNEY DISEASE. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
97	Adipose tissue content of alpha-linolenic acid and development of peripheral artery disease: a Danish case-cohort study. European Journal of Nutrition, 2020, 59, 3191-3200.	3.9	0
98	OP09...Quantifying benefits of the danish transfat ban for coronary heart disease mortality 1991-2007: socioeconomic analysis using the IMPACT <sub>SEC</sub> model. , 2021, , .		0
99	Intake of marine n-3 polyunsaturated fatty acids and the risk of rheumatoid arthritis: protocol for a cohort study using data from the Danish Diet, Cancer and Health cohort and Danish health registers. BMJ Open, 2021, 11, e047982.	1.9	0