Martin BÃ¸dtker Mortensen

List of Publications by Year
in descending order

82 papers	2,701 citations	201385 27 h-index	197535 49 g-index
82 all docs	82 docs citations	82 times ranked	3845 citing authors

#	Article	IF	Citations
1	Coronary Artery Calcium Scoring. JACC: Cardiovascular Imaging, 2017, 10, 923-937.	2.3	182
2	Familial Hypercholesterolemia and Atherosclerosis in Cloned Minipigs Created by DNA Transposition of a Human PCSK9 Gain-of-Function Mutant. Science Translational Medicine, 2013, 5, 166ra1.	5.8	170
3	Impact of Plaque Burden Versus Stenosis on Ischemic Events in Patients With Coronary Atherosclerosis. Journal of the American College of Cardiology, 2020, 76, 2803-2813.	1.2	149
4	Apolipoprotein B and Non-HDL Cholesterol Better Reflect Residual Risk Than LDL Cholesterol in Statin-TreatedÂPatients. Journal of the American College of Cardiology, 2021, 77, 1439-1450.	1.2	144
5	Elevated LDL cholesterol and increased risk of myocardial infarction and atherosclerotic cardiovascular disease in individuals aged 70â€“100 years: a contemporary primary prevention cohort. Lancet, The, 2020, 396, 1644-1652.	6.3	143
6	A Simple Disease-Guided Approach to Personalize ACC/AHA-Recommended StatinÂAllocation in Elderly People. Journal of the American College of Cardiology, 2016, 68, 881-891.	1.2	109
7	Coronary Artery Calcium for Personalized Allocation of Aspirin in Primary Prevention of Cardiovascular Disease in 2019. Circulation, 2020, 141, 1541-1553.	1.6	107
8	Primary Prevention With StatinsÂinÂtheÂElderly. Journal of the American College of Cardiology, 2018, 71, 85-94.	1.2	105
9	Association between low density lipoprotein and all cause and cause specific mortality in Denmark: prospective cohort study. BMJ, The, 2020, 371, m4266.	3.0	105
10	Targeting sortilin in immune cells reduces proinflammatory cytokines and atherosclerosis. Journal of Clinical Investigation, 2014, 124, 5317-5322.	3.9	100
11	Circulating endothelial progenitor cells do not contribute to regeneration of endothelium after murine arterial injury. Cardiovascular Research, 2012, 93, 223-231.	1.8	89
12	Negative Risk Markers for Cardiovascular Events in the Elderly. Journal of the American College of Cardiology, 2019, 74, 1-11.	1.2	71
13	Statin Trials, Cardiovascular Events, andÂCoronary Artery Calcification. JACC: Cardiovascular Imaging, 2018, 11, 221-230.	2.3	65
14	Primary Prevention With Statins. Journal of the American College of Cardiology, 2015, 66, 2699-2709.	1.2	60
15	Comparison of Five Major Guidelines for Statin Use in Primary Prevention in a Contemporary General Population. Annals of Internal Medicine, 2018, 168, 85.	2.0	60
16	Very High Coronary Artery Calcium (â‰¥1000) and Association With Cardiovascular Disease Events, Nonâ€“Cardiovascular Disease Outcomes, and Mortality. Circulation, 2021, 143, 1571-1583.	1.6	58
17	Association of Age With the Diagnostic Value of Coronary Artery Calcium Score for Ruling Out Coronary Stenosis in Symptomatic Patients. JAMA Cardiology, 2022, 7, 36.	3.0	55
18	Impact of statin therapy on coronary plaque burden and composition assessed by coronary computed tomographic angiography: a systematic review and meta-analysis. European Heart Journal Cardiovascular Imaging, 2018, 19, 850-858.	0.5	51

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19	The high-density lipoprotein-adjusted SCORE model worsens SCORE-based risk classification in a contemporary population of 30 824 Europeans: the Copenhagen General Population Study. European Heart Journal, 2015, 36, 2446-2453.	1.0	49
20	Statin Use in Primary Prevention of Atherosclerotic Cardiovascular Disease According to 5 Major Guidelines for Sensitivity, Specificity, and Number Needed to Treat. JAMA Cardiology, 2019, 4, 1131.	3.0	47
21	ACC/AHA guidelines superior to ESC/EAS guidelines for primary prevention with statins in non-diabetic Europeans: the Copenhagen General Population Study. European Heart Journal, 2016, 38, ehw426.	1.0	45
22	Unique Structural Features Facilitate Lizard Tail Autotomy. PLoS ONE, 2012, 7, e51803.	1.1	37
23	Limitations of the SCORE-guided European guidelines on cardiovascular disease prevention. European Heart Journal, 2017, 38, ehw568.	1.0	37
24	Diabetes with poor glycaemic control does not promote atherosclerosis in genetically modified hypercholesterolaemic minipigs. Diabetologia, 2015, 58, 1926-1936.	2.9	36
25	2019 vs. 2016 ESC/EAS statin guidelines for primary prevention of atherosclerotic cardiovascular disease. European Heart Journal, 2020, 41, 3005-3015.	1.0	33
26	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. Journal of the American College of Cardiology, 2021, 78, 1573-1583.	1.2	31
27	Twenty-Year Nationwide Trends in Statin Utilization and Expenditure in Denmark. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	0.9	30
28	Trends in antidiabetic drug utilization and expenditure in Denmark: A 22â€year nationwide study. Diabetes, Obesity and Metabolism, 2020, 22, 167-172.	2.2	30
29	Kringle IV Type 2, Not Low Lipoprotein(a), as a Cause of Diabetes: A Novel Genetic Approach Using SNPs Associated Selectively with Lipoprotein(a) Concentrations or with Kringle IV Type 2 Repeats. Clinical Chemistry, 2017, 63, 1866-1876.	1.5	28
30	Familial hypercholesterolemia among unselected contemporary patients presenting with first myocardial infarction: Prevalence, risk factor burden, and impact on age at presentation. Journal of Clinical Lipidology, 2016, 10, 1145-1152.e1.	0.6	26
31	Disturbed Laminar Blood Flow Vastly Augments Lipoprotein Retention in the Artery Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1928-1935.	1.1	23
32	Real-life evaluation of European and American high-risk strategies for primary prevention of cardiovascular disease in patients with first myocardial infarction. BMJ Open, 2014, 4, e005991.	0.8	22
33	Association of Coronary Plaque With Low-Density Lipoprotein Cholesterol Levels and Rates of Cardiovascular Disease Events Among Symptomatic Adults. JAMA Network Open, 2022, 5, e2148139.	2.8	21
34	Extensive carotid atherosclerosis and the diagnostic accuracy of coronary risk calculators. Preventive Medicine Reports, 2017, 6, 182-186.	0.8	20
35	Mean Versus Peak Coronary Calcium Density on Non-Contrast CT. JACC: Cardiovascular Imaging, 2022, 15, 489-500.	2.3	20
36	Evolving Role of Calcium Density in Coronary Artery Calcium Scoring andÂAtherosclerotic Cardiovascular Disease Risk. JACC: Cardiovascular Imaging, 2022, 15, 1648-1662.	2.3	20

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37	Eligibility and Preventive Potential for New Evidence-Based Cardiovascular Drugs in Secondary Prevention. JAMA Cardiology, 2020, 5, 209.	3.0	19
38	Local Pressure Drives Low-Density Lipoprotein Accumulation and Coronary Atherosclerosis in Hypertensive Minipigs. Journal of the American College of Cardiology, 2021, 77, 575-589.	1.2	19
39	Coronary artery calcium scores indicating secondary prevention level risk: Findings from the CAC consortium and FOURIER trial. Atherosclerosis, 2022, 347, 70-76.	0.4	18
40	A randomised crossover comparison of mouth-to-face-shield ventilation and mouth-to-pocket-mask ventilation by surf lifeguards in a manikin. Anaesthesia, 2014, 69, 712-716.	1.8	17
41	Statin use and cardiovascular risk factors in diabetic patients developing a first myocardial infarction. Cardiovascular Diabetology, 2016, 15, 81.	2.7	17
42	CAD Severity on Cardiac CTA IdentifiesÂPatients With Most Benefit ofÂTreating LDL-Cholesterol to ACC/AHA and ESC/EAS Targets. JACC: Cardiovascular Imaging, 2020, 13, 1961-1972.	2.3	16
43	Interplay of Risk Factors and CoronaryÂArtery Calcium for CHD Risk inÂYoung Patients. JACC: Cardiovascular Imaging, 2021, 14, 2387-2396.	2.3	16
44	Coronary Artery Calcium as a Synergistic Tool for the Ageâ€•and Sexâ€Specific Risk of Cardiovascular and Cancer Mortality: The Coronary Artery Calcium Consortium. Journal of the American Heart Association, 2020, 9, e015306.	1.6	15
45	A randomised crossover comparison of manikin ventilation through Soft Seal^{Â®}, iâ€gelâ„¢ and AuraOnceâ„¢ supraglottic airway devices by surf lifeguards. Anaesthesia, 2014, 69, 343-347.	1.8	12
46	Coronary Artery Calcium and the Age-Specific Competing Risk of Cardiovascular Versus Cancer Mortality: The Coronary Artery Calcium Consortium. American Journal of Medicine, 2020, 133, e575-e583.	0.6	12
47	Message for Upcoming Chest Pain Management Guidelines. Journal of the American College of Cardiology, 2020, 76, 2433-2435.	1.2	11
48	Coronary Artery Calcium for Risk Stratification of Sudden Cardiac Death. JACC: Cardiovascular Imaging, 2022, 15, 1259-1270.	2.3	11
49	Multidisciplinary prevention and management strategies for colorectal cancer and cardiovascular disease. European Journal of Internal Medicine, 2021, 87, 3-12.	1.0	10
50	Statin use prior to first myocardial infarction in contemporary patients: Inefficient and not gender equitable. Preventive Medicine, 2016, 83, 63-69.	1.6	9
51	Type 1 diabetes increases retention of low-density lipoprotein in the atherosclerosis-prone area of the murine aorta. Atherosclerosis, 2017, 263, 7-14.	0.4	9
52	Increased retention of LDL from type 1 diabetic patients in atherosclerosis-prone areas of the murine arterial wall. Atherosclerosis, 2019, 286, 156-162.	0.4	9
53	<scp>ApoB</scp> and <scp>Nonâ€HDL</scp> Cholesterol Versus <scp>LDL</scp> Cholesterol for Ischemic Stroke Risk. Annals of Neurology, 2022, 92, 379-389.	2.8	9
54	Differences in Hypercholesterolemia and Atherogenesis Induced by Common Androgen Deprivation Therapies in Male Mice. Journal of the American Heart Association, 2016, 5, .	1.6	8

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55	Heterogenous Distribution of Risk for Cardiovascular Disease Events in Patients With Stable Ischemic Heart Disease. JACC: Cardiovascular Imaging, 2021, 14, 442-450.	2.3	8
56	Dual antithrombotic treatment in chronic coronary syndrome: European Society of Cardiology criteria vs. CHADS-P2A2RC score. European Heart Journal, 2022, 43, 996-1004.	1.0	8
57	High-Quality Statin Trials Support the 2013 American College of Cardiology/American Heart Association Cholesterol Guidelines After the HOPE-3 Trial (Heart Outcomes Prevention Evaluation-3): MESA (The Multiethnic Study of Atherosclerosis). Circulation, 2017, 136, 1863-1865.	1.6	7
58	Coronary artery calcium is associated with increased risk for lung and colorectal cancer in men and women: the Multi-Ethnic Study of Atherosclerosis (MESA). European Heart Journal Cardiovascular Imaging, 2022, 23, 708-716.	0.5	7
59	Evaluation of coronary stenosis versus plaque burden for atherosclerotic cardiovascular disease risk assessment and management. Current Opinion in Cardiology, 2021, 36, 769-775.	0.8	7
60	Danish National Trends in Cardiovascular Disease and Cancer Drug Expenditure in Relation to Trends in Cardiovascular Disease and Cancer Deaths. American Journal of Medicine, 2020, 133, 1350-1353.	0.6	5
61	Statin Therapy on the Basis of HOPE. Journal of the American College of Cardiology, 2016, 68, 2903-2906.	1.2	4
62	Comparison of Five Major Guidelines for Statin Use in Primary Prevention. Annals of Internal Medicine, 2018, 169, 67.	2.0	4
63	Exploring the intersection between genetic risk scores and coronary artery calcium â€“ Mutually exclusive or complementary?. Journal of Cardiovascular Computed Tomography, 2019, 13, 172-173.	0.7	4
64	Coronary artery calcium is associated with long-term mortality from lung cancer: Results from the Coronary Artery Calcium Consortium. Atherosclerosis, 2021, , .	0.4	4
65	Association between REDUCE-IT criteria, coronary artery disease severity, and cardiovascular events: the Western Denmark Heart Registry. European Journal of Preventive Cardiology, 2022, 29, 1802-1810.	0.8	4
66	Thirteen-year trends in cardiovascular risk in men and women with chronic coronary syndrome. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 437-446.	1.8	3
67	Seventeen years of misdiagnosis in rare dyslipidaemia: a case report of sitosterolaemia in a young female. European Heart Journal - Case Reports, 2021, 5, ytab188.	0.3	3
68	Is There a Role of Coronary CTA in Primary Prevention? Current State and Future Directions. Current Atherosclerosis Reports, 2021, 23, 44.	2.0	3
69	Serum Potassium and Mortality in High-Risk Patients: SPRINT. Hypertension, 2021, 78, 1586-1594.	1.3	3
70	Guidelines versus trial-evidence for statin use in primary prevention: The Copenhagen General Population Study. Atherosclerosis, 2022, 341, 20-26.	0.4	3
71	Exploring the intersection between genetic risk scores and coronary artery calciumâ€“ mutually exclusive or complementary?. Journal of Cardiovascular Computed Tomography, 2020, 14, 206-207.	0.7	2
72	Examine low-density lipoprotein, remnants, and lipoprotein(a) in parallel in high risk patients. European Heart Journal, 2021, 42, 1809-1810.	1.0	2

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73	Coronary Artery Calcium in Acute Chest Pain Patients. JACC: Cardiovascular Imaging, 2022, 15, 281-283.	2.3	2
74	Prior renovascular hypertension does not predispose to atherosclerosis in mice. Atherosclerosis, 2016, 249, 157-163.	0.4	1
75	Statin Eligibility Under American and European Cholesterol Guidelines. JAMA Cardiology, 2017, 2, 459.	3.0	1
76	The â€œPower of Zeroâ€•in Younger Patientsâ€”A Glass Half Empty or a Glass Half Full?â€”Reply. JAMA Cardiology, 2022, , .	3.0	1
77	Reply. Journal of the American College of Cardiology, 2016, 67, 1974-1975.	1.2	0
78	Reply to â€œBioinformatics analysis in type 1 diabetes increases retention of low-density lipoprotein in the atherosclerosis-prone area of the murine aortaâ€• Atherosclerosis, 2017, 263, 428-429.	0.4	0
79	Reply. Journal of the American College of Cardiology, 2019, 74, 2331-2332.	1.2	0
80	Association between lipid fractions and age of first myocardial infarction. Scandinavian Cardiovascular Journal, 2020, 54, 346-351.	0.4	0
81	Temporal Trends and Interest in Coronary Artery Calcium Scoring Over Time: An Infodemiology Study. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 456-465.	1.2	0
82	Prognostic Value of Coronary Artery Calcium in Symptomatic Young Individuals Age 18 to 45 Years. Journal of the American College of Cardiology, 2021, 77, 2980-2982.	1.2	0