

Ottar K Nygård

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

5,402
citations

186265

28
h-index

82547

72
g-index

92
all docs

92
docs citations

92
times ranked

7590
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Homocysteine Levels and Mortality in Patients with Coronary Artery Disease. <i>New England Journal of Medicine</i> , 1997, 337, 230-237.	27.0	1,626
2	Plasma ceramides predict cardiovascular death in patients with stable coronary artery disease and acute coronary syndromes beyond LDL-cholesterol. <i>European Heart Journal</i> , 2016, 37, 1967-1976.	2.2	433
3	The Hordaland Homocysteine Study: A Community-Based Study of Homocysteine, Its Determinants, and Associations with Disease. <i>Journal of Nutrition</i> , 2006, 136, 1731S-1740S.	2.9	404
4	Mortality and Cardiovascular Events in Patients Treated With Homocysteine-Lowering B Vitamins After Coronary Angiography. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 795.	7.4	366
5	Plasma total homocysteine and cardiovascular and noncardiovascular mortality: the Hordaland Homocysteine Study. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 130-136.	4.7	181
6	Development and validation of a ceramide- and phospholipid-based cardiovascular risk estimation score for coronary artery disease patients. <i>European Heart Journal</i> , 2020, 41, 371-380.	2.2	180
7	Associations of Plasma Kynurenines With Risk of Acute Myocardial Infarction in Patients With Stable Angina Pectoris. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 455-462.	2.4	133
8	Plasma Biomarkers of Inflammation, the Kynurenine Pathway, and Risks of All-Cause, Cancer, and Cardiovascular Disease Mortality. <i>American Journal of Epidemiology</i> , 2016, 183, 249-258.	3.4	126
9	Plasma Dimethylglycine and Risk of Incident Acute Myocardial Infarction in Patients With Stable Angina Pectoris. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2041-2048.	2.4	92
10	Evidence for increased catabolism of vitamin B-6 during systemic inflammation. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 250-255.	4.7	87
11	Association Between Gestational Hypertension and Risk of Cardiovascular Disease Among 617 589 Norwegian Women. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	85
12	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 534-543.	11.4	84
13	Most Blood Biomarkers Related to Vitamin Status, One-Carbon Metabolism, and the Kynurenine Pathway Show Adequate Preanalytical Stability and Within-Person Reproducibility to Allow Assessment of Exposure or Nutritional Status in Healthy Women and Cardiovascular Patients. <i>Journal of Nutrition</i> , 2014, 144, 784-790.	2.9	79
14	Plasma Glycine and Risk of Acute Myocardial Infarction in Patients With Suspected Stable Angina Pectoris. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	73
15	Favourable trends in incidence of AMI in Norway during 2001–2009 do not include younger adults: a CVDNOR project. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 1358-1364.	1.8	72
16	Serum Acylcarnitines and Risk of Cardiovascular Death and Acute Myocardial Infarction in Patients With Stable Angina Pectoris. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	70
17	Heart Failure Complicating Acute Myocardial Infarction; Burden and Timing of Occurrence: A Nationwide Analysis Including 86 771 Patients From the Cardiovascular Disease in Norway (CVDNOR) Project. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	69
18	Increased plasma trimethylamine- N -oxide is associated with incident atrial fibrillation. <i>International Journal of Cardiology</i> , 2018, 267, 100-106.	1.7	67

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19	A randomised study on the effects of fish protein supplement on glucose tolerance, lipids and body composition in overweight adults. <i>British Journal of Nutrition</i> , 2013, 109, 648-657.	2.3	59
20	Kynurenines as predictors of acute coronary events in the Hordaland Health Study. <i>International Journal of Cardiology</i> , 2015, 189, 18-24.	1.7	56
21	Association of plasma B-6 vitamers with systemic markers of inflammation before and after pyridoxine treatment in patients with stable angina pectoris. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1072-1078.	4.7	49
22	Circulating Folate and Vitamin B12 and Risk of Prostate Cancer: A Collaborative Analysis of Individual Participant Data from Six Cohorts Including 6875 Cases and 8104 Controls. <i>European Urology</i> , 2016, 70, 941-951.	1.9	46
23	Visceral adiposity and metabolic syndrome after very high-fat and low-fat isocaloric diets: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 85-99.	4.7	46
24	The kynurenine pathway and cognitive performance in community-dwelling older adults. The Hordaland Health Study. <i>Brain, Behavior, and Immunity</i> , 2019, 75, 155-162.	4.1	46
25	Changes in basal and postmethionine load concentrations of total homocysteine and cystathionine after B vitamin intervention. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 641-648.	4.7	45
26	Interactions between plasma concentrations of folate and markers of vitamin B ₁₂ status with cognitive performance in elderly people not exposed to folic acid fortification: the Hordaland Health Study. <i>British Journal of Nutrition</i> , 2014, 111, 1085-1095.	2.3	41
27	Hypertensive pregnancy disorders increase the risk of maternal cardiovascular disease after adjustment for cardiovascular risk factors. <i>International Journal of Cardiology</i> , 2019, 282, 81-87.	1.7	39
28	Elevated plasma dimethylglycine is a risk marker of mortality in patients with coronary heart disease. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 743-752.	1.8	35
29	Inflammatory markers, the tryptophan-kynurenine pathway, and vitamin B status after bariatric surgery. <i>PLoS ONE</i> , 2018, 13, e0192169.	2.5	31
30	Trends in Acute Myocardial Infarction Event Rates and Risk of Recurrences After an Incident Event in Norway 1994 to 2009 (from a Cardiovascular Disease in Norway Project). <i>American Journal of Cardiology</i> , 2014, 113, 1777-1781.	1.6	29
31	Using metabolic profiling and gene expression analyses to explore molecular effects of replacing saturated fat with polyunsaturated fat—a randomized controlled dietary intervention study. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1239-1250.	4.7	29
32	Tryptophan catabolites as metabolic markers of vitamin B-6 status evaluated in cohorts of healthy adults and cardiovascular patients. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 178-186.	4.7	29
33	Serum Carnitine Metabolites and Incident Type 2 Diabetes Mellitus in Patients With Suspected Stable Angina Pectoris. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1033-1041.	3.6	27
34	Educational Inequalities in Acute Myocardial Infarction Incidence in Norway: A Nationwide Cohort Study. <i>PLoS ONE</i> , 2014, 9, e106898.	2.5	26
35	Educational inequalities in 28 day and 1-year mortality after hospitalisation for incident acute myocardial infarction—a nationwide cohort study. <i>International Journal of Cardiology</i> , 2014, 177, 874-880.	1.7	21
36	Association of dietary vitamin K and risk of coronary heart disease in middle-age adults: the Hordaland Health Study Cohort. <i>BMJ Open</i> , 2020, 10, e035953.	1.9	21

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37	Role of the Neutral Amino Acid Transporter SLC7A10 in Adipocyte Lipid Storage, Obesity, and Insulin Resistance. <i>Diabetes</i> , 2021, 70, 680-695.	0.6	21
38	Use of Loop Diuretics is Associated with Increased Mortality in Patients with Suspected Coronary Artery Disease, but without Systolic Heart Failure or Renal Impairment: An Observational Study Using Propensity Score Matching. <i>PLoS ONE</i> , 2015, 10, e0124611.	2.5	21
39	Non-fasting triglycerides predict incident acute myocardial infarction among those with favourable HDL-cholesterol: Cohort Norway. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 872-881.	1.8	19
40	Paraoxonase 1 Q192R genotype and activity affect homocysteine thiolactone levels in humans. <i>FASEB Journal</i> , 2018, 32, 6019-6024.	0.5	19
41	Long-term treatment with the pan-PPAR agonist tetradecylthioacetic acid or fish oil is associated with increased cardiac content of n-3 fatty acids in rat. <i>Lipids in Health and Disease</i> , 2012, 11, 82.	3.0	18
42	Short-Term Activation of Peroxisome Proliferator-Activated Receptors Induces Tissue-Specific Effects on Lipid Metabolism and Fatty Acid Composition in Male Wistar Rats. <i>PPAR Research</i> , 2019, 2019, 1-12.	2.4	18
43	Effect of the Lookback Period's Length Used to Identify Incident Acute Myocardial Infarction on the Observed Trends on Incidence Rates and Survival. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, 376-382.	2.2	17
44	Coronary angiography and myocardial revascularization following the first acute myocardial infarction in Norway during 2001-2009: Analyzing time trends and educational inequalities using data from the CVDNOR project. <i>International Journal of Cardiology</i> , 2016, 212, 122-128.	1.7	17
45	Plasma choline, smoking, and long-term prognosis in patients with stable angina pectoris. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 606-614.	1.8	16
46	Fibrinogen and Neopterin Is Associated with Future Myocardial Infarction and Total Mortality in Patients with Stable Coronary Artery Disease. <i>Thrombosis and Haemostasis</i> , 2018, 47, 778-790.	3.4	16
47	Plasma cystathionine and risk of acute myocardial infarction among patients with coronary heart disease: Results from two independent cohorts. <i>International Journal of Cardiology</i> , 2018, 266, 24-30.	1.7	15
48	Glycated hemoglobin and long-term prognosis in patients with suspected stable angina pectoris without diabetes mellitus: A prospective cohort study. <i>Atherosclerosis</i> , 2015, 240, 115-120.	0.8	14
49	Plasma Cystathionine and Risk of Incident Stroke in Patients With Suspected Stable Angina Pectoris. <i>Journal of the American Heart Association</i> , 2018, 7, e008824.	3.7	14
50	Implications of changing definitions of myocardial infarction on number of events and all-cause mortality: the WHO 1979, ESC/ACC 2000, AHA 2003, and Universal 2007 definitions revisited. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 1349-1357.	1.8	13
51	Dietary Choline Intake Is Directly Associated with Bone Mineral Density in the Hordaland Health Study. <i>Journal of Nutrition</i> , 2017, 147, 572-578.	2.9	13
52	Plasma methionine and risk of acute myocardial infarction: Effect modification by established risk factors. <i>Atherosclerosis</i> , 2018, 272, 175-181.	0.8	13
53	Cardiovascular disease risk associated with serum apolipoprotein B is modified by serum vitamin A. <i>Atherosclerosis</i> , 2017, 265, 325-330.	0.8	12
54	Neopterin as an Effect Modifier of the Cardiovascular Risk Predicted by Total Homocysteine: A Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	12

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55	Usefulness of Higher Levels of Cardiac Troponin T in Patients With Stable Angina Pectoris to Predict Risk of Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2018, 122, 1142-1147.	1.6	11
56	Dietary choline is related to increased risk of acute myocardial infarction in patients with stable angina pectoris. <i>Biochimie</i> , 2020, 173, 68-75.	2.6	11
57	Plasma 3-hydroxyisobutyrate (3-HIB) and methylmalonic acid (MMA) are markers of hepatic mitochondrial fatty acid oxidation in male Wistar rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158887.	2.4	11
58	Vitamin D status was not associated with one-year™ progression of coronary artery disease, assessed by coronary angiography in statin-treated patients. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 594-602.	1.8	10
59	Creatinine, total cysteine and uric acid are associated with serum retinol in patients with cardiovascular disease. <i>European Journal of Nutrition</i> , 2020, 59, 2383-2393.	3.9	10
60	The risk association of plasma total homocysteine with acute myocardial infarction is modified by serum vitamin A. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1612-1620.	1.8	9
61	Aiming toWards Evidence baSed inTerpretation of Cardiac biOm markers in patients pResenting with chest pain-the WESTCOR study: study design. <i>Scandinavian Cardiovascular Journal</i> , 2019, 53, 280-285.	1.2	9
62	Food Sources Contributing to Intake of Choline and Individual Choline Forms in a Norwegian Cohort of Patients With Stable Angina Pectoris. <i>Frontiers in Nutrition</i> , 2021, 8, 676026.	3.7	9
63	Primary cardiovascular risk prediction by LDL-cholesterol in Caucasian middle-aged and older adults: a joint analysis of three cohorts. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e128-e137.	1.8	9
64	The universal 2012 definition of myocardial infarction compared to the 2007 definition. <i>Scandinavian Cardiovascular Journal</i> , 2016, 50, 201-205.	1.2	8
65	Elevated plasma cystathionine is associated with increased risk of mortality among patients with suspected or established coronary heart disease. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1546-1554.	4.7	8
66	Hepatic Energy Metabolism Underlying Differential Lipidomic Responses to High-Carbohydrate and High-Fat Diets in Male Wistar Rats. <i>Journal of Nutrition</i> , 2021, 151, 2610-2621.	2.9	8
67	Assessment of Dietary Choline Intake, Contributing Food Items, and Associations with One-Carbon and Lipid Metabolites in Middle-Aged and Elderly Adults: The Hordaland Health Study. <i>Journal of Nutrition</i> , 2022, 152, 513-524.	2.9	8
68	Higher education is associated with reduced risk of heart failure among patients with acute myocardial infarction: A nationwide analysis using data from the CVDNOR project. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1743-1750.	1.8	7
69	Increased fatty acid oxidation and mitochondrial proliferation in liver are associated with increased plasma kynurenine metabolites and nicotinamide levels in normolipidemic and carnitine-depleted rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158543.	2.4	7
70	Cardiac Troponin Assays With Improved Analytical Quality: A Trade-Off Between Enhanced Diagnostic Performance and Reduced Long-Term Prognostic Value. <i>Journal of the American Heart Association</i> , 2020, 9, e017465.	3.7	7
71	Circulating B-Vitamins and Smoking Habits Are Associated with Serum Polyunsaturated Fatty Acids in Patients with Suspected Coronary Heart Disease: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0129049.	2.5	7
72	Methylenetetrahydrofolate Dehydrogenase 1 Polymorphisms Modify the Associations of Plasma Glycine and Serine With Risk of Acute Myocardial Infarction in Patients With Stable Angina Pectoris in WENBIT (Western Norway B Vitamin Intervention Trial). <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 541-547.	5.1	6

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73	Changes in lipoprotein particle subclasses, standard lipids, and apolipoproteins after supplementation with n-3 or n-6 PUFAs in abdominal obesity: A randomized double-blind crossover study. <i>Clinical Nutrition</i> , 2021, 40, 2556-2575.	5.0	6
74	Clinical risk scores identify more patients at risk for cardiovascular events within 30 days as compared to standard ACS risk criteria: the WESTCOR study. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 287-301.	1.0	6
75	The Chromosome 9p21 CVD- and T2D-Associated Regions in a Norwegian Population (The HUNT2 Survey). <i>International Journal of Endocrinology</i> , 2015, 2015, 1-9.	1.5	5
76	Transsulfuration metabolites and the association with incident atrial fibrillation – An observational cohort study among Norwegian patients with stable angina pectoris. <i>International Journal of Cardiology</i> , 2020, 317, 75-80.	1.7	5
77	β-blocker use and risk of all-cause mortality in patients with coronary heart disease: effect modification by serum vitamin A. <i>European Journal of Preventive Cardiology</i> , 2022, 28, 1897-1902.	1.8	5
78	Short-term treatment with a peroxisome proliferator-activated receptor α agonist influences plasma one-carbon metabolites and B-vitamin status in rats. <i>PLoS ONE</i> , 2019, 14, e0226069.	2.5	4
79	Intake of carbohydrates and SFA and risk of CHD in middle-age adults: the Hordaland Health Study (HUSK). <i>Public Health Nutrition</i> , 2022, 25, 634-648.	2.2	4
80	Lipid parameters and vitamin A modify cardiovascular risk prediction by plasma neopterin. <i>Heart</i> , 2020, 106, 1073-1079.	2.9	4
81	Trimethyllysine predicts all-cause and cardiovascular mortality in community-dwelling adults and patients with coronary heart disease. <i>European Heart Journal Open</i> , 2021, 1, .	2.3	4
82	Clinical Significance of Late Enhancement and Regional Wall Remodeling Assessed by ST Magnetic Resonance Imaging. <i>Clinical Medicine Insights: Cardiology</i> , 2015, 9, CMC.S20291.	1.8	3
83	Components of the choline oxidation pathway modify the association between the apolipoprotein ε4 gene variant and cognitive decline in patients with dementia. <i>Brain Research</i> , 2020, 1726, 146519.	2.2	3
84	Within-person reproducibility of proteoforms related to inflammation and renal dysfunction. <i>Scientific Reports</i> , 2022, 12, 7426.	3.3	3
85	Total and lean fish intake is positively associated with bone mineral density in older women in the community-based Hordaland Health Study. <i>European Journal of Nutrition</i> , 2019, 58, 1403-1413.	3.9	2
86	The Association of Meat Intake With All-Cause Mortality and Acute Myocardial Infarction Is Age-Dependent in Patients With Stable Angina Pectoris. <i>Frontiers in Nutrition</i> , 2021, 8, 642612.	3.7	2
87	Systemic Cardiac Troponin T Associated With Incident Atrial Fibrillation Among Patients With Suspected Stable Angina Pectoris. <i>American Journal of Cardiology</i> , 2020, 127, 30-35.	1.6	1
88	Dietary composition is associated with one-carbon metabolites and B-vitamin status in patients with stable angina – a cross-sectional study. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	0
89	Title is missing!. , 2019, 14, e0226069.		0
90	Title is missing!. , 2019, 14, e0226069.		0

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91	Title is missing!. , 2019, 14, e0226069.		0
92	Title is missing!. , 2019, 14, e0226069.		0