Martin Adiels

List of Publications by Year
in descending order

64 papers	3,992 citations	201674 27 h-index	128289 60 g-index
65 all docs	65 docs citations	65 times ranked	5774 citing authors

#	Article	IF	Citations
1	Overproduction of Very Lowâ€“Density Lipoproteins Is the Hallmark of the Dyslipidemia in the Metabolic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1225-1236.	2.4	639
2	Overproduction of large VLDL particles is driven by increased liver fat content in man. Diabetologia, 2006, 49, 755-765.	6.3	570
3	An Integrated Understanding of the Rapid Metabolic Benefits of a Carbohydrate-Restricted Diet on Hepatic Steatosis in Humans. Cell Metabolism, 2018, 27, 559-571.e5.	16.2	321
4	Patatin-like phospholipase domain-containing 3 (PNPLA3) I148M (rs738409) affects hepatic VLDL secretion in humans and in vitro. Journal of Hepatology, 2012, 57, 1276-1282.	3.7	232
5	Acute suppression of VLDL1 secretion rate by insulin is associated with hepatic fat content and insulin resistance. Diabetologia, 2007, 50, 2356-2365.	6.3	164
6	Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population. Circulation, 2021, 144, 916-929.	1.6	164
7	Postprandial hypertriglyceridemia as a coronary risk factor. Clinica Chimica Acta, 2014, 431, 131-142.	1.1	157
8	Personal modelâ€assisted identification of NAD⁺ andÂglutathione metabolism as intervention target in NAFLD. Molecular Systems Biology, 2017, 13, 916.	7.2	147
9	Dual Metabolic Defects Are Required to Produce Hypertriglyceridemia in Obese Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2144-2150.	2.4	133
10	Prognostic Significance of Resting Heart Rate and Use of Î²-Blockers in Atrial Fibrillation and Sinus Rhythm in Patients With Heart Failure and Reduced Ejection Fraction. Circulation: Heart Failure, 2015, 8, 871-879.	3.9	119
11	Fatty liver, insulin resistance, and dyslipidemia. Current Diabetes Reports, 2008, 8, 60-64.	4.2	115
12	A new combined multicompartmental model for apolipoprotein B-100 and triglyceride metabolism in VLDL subfractions. Journal of Lipid Research, 2005, 46, 58-67.	4.2	108
13	Severe COVID-19 in people with type 1 and type 2 diabetes in Sweden: A nationwide retrospective cohort study. Lancet Regional Health - Europe, The, 2021, 4, 100105.	5.6	77
14	Kinetic and Related Determinants of Plasma Triglyceride Concentration in Abdominal Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2218-2224.	2.4	58
15	Postprandial accumulation of chylomicrons and chylomicron remnants is determined by the clearance capacity. Atherosclerosis, 2012, 222, 222-228.	0.8	52
16	Higher Body Mass Index in Adolescence Predicts Cardiomyopathy Risk in Midlife. Circulation, 2019, 140, 117-125.	1.6	52
17	Menopausal Status and Abdominal Obesity Are Significant Determinants of Hepatic Lipid Metabolism in Women. Journal of the American Heart Association, 2015, 4, e002258.	3.7	44
18	Perilipin 5 is protective in the ischemic heart. International Journal of Cardiology, 2016, 219, 446-454.	1.7	43

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19	Targeting acid sphingomyelinase reduces cardiac ceramide accumulation in the post-ischemic heart. Journal of Molecular and Cellular Cardiology, 2016, 93, 69-72.	1.9	40
20	Role of apolipoprotein Câ€III overproduction in diabetic dyslipidaemia. Diabetes, Obesity and Metabolism, 2019, 21, 1861-1870.	4.4	39
21	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against nonâ€alcoholic fatty liver disease. Molecular Systems Biology, 2020, 16, e9495.	7.2	39
22	Obesity, overweight and risk for cardiovascular disease and mortality in young women. European Journal of Preventive Cardiology, 2021, 28, 1351-1359.	1.8	38
23	Effects of TM6SF2 E167K on hepatic lipid and very low-density lipoprotein metabolism in humans. JCI Insight, 2020, 5, .	5.0	38
24	Metabolic transformations of dietary polyphenols: comparison between in vitro colonic and hepatic models and in vivo urinary metabolites. Journal of Nutritional Biochemistry, 2016, 33, 111-118.	4.2	37
25	Investigation of human apoB48 metabolism using a new, integrated nonâ€steadyâ€state model of apoB48 and apoB100 kinetics. Journal of Internal Medicine, 2019, 285, 562-577.	6.0	37
26	Effects of exercise on symptoms of anxiety in primary care patients: A randomized controlled trial. Journal of Affective Disorders, 2022, 297, 26-34.	4.1	37
27	Imaging of Intracellular and Extracellular ROS Levels in Atherosclerotic Mouse Aortas Ex Vivo: Effects of Lipid Lowering by Diet or Atorvastatin. PLoS ONE, 2015, 10, e0130898.	2.5	32
28	Hepatic lipogenesis and a marker of hepatic lipid oxidation, predict postprandial responses of triglycerideâ€rich lipoproteins. Obesity, 2014, 22, 1854-1859.	3.0	31
29	Body Mass Index in Young Women and Risk of Cardiomyopathy. Circulation, 2020, 141, 520-529.	1.6	31
30	Fitness, strength and severity of COVID-19: a prospective register study of 1 559 187 Swedish conscripts. BMJ Open, 2021, 11, e051316.	1.9	29
31	An evaluation of the performance of SCORE Sweden 2015 in estimating cardiovascular risk. European Journal of Preventive Cardiology, 2017, 24, 103-110.	1.8	28
32	Genetic Variation in SULF2 Is Associated with Postprandial Clearance of Triglyceride-Rich Remnant Particles and Triglyceride Levels in Healthy Subjects. PLoS ONE, 2013, 8, e79473.	2.5	28
33	Impact of proprotein convertase subtilisin/kexin type 9 inhibition with evolocumab on the postprandial responses of triglyceride-rich lipoproteins in type II diabetic subjects. Journal of Clinical Lipidology, 2020, 14, 77-87.	1.5	26
34	Apolipoprotein B48 metabolism in chylomicrons and very lowâ€density lipoproteins and its role in triglyceride transport in normoâ€and hypertriglyceridemic human subjects. Journal of Internal Medicine, 2020, 288, 422-438.	6.0	25
35	Niacin action in the atherogenic mixed dyslipidemia of metabolic syndrome: Insights from metabolic biomarker profiling and network analysis. Journal of Clinical Lipidology, 2018, 12, 810-821.e1.	1.5	20
36	Effects of liraglutide on the metabolism of triglycerideâ€rich lipoproteins in type 2 diabetes. Diabetes, Obesity and Metabolism, 2021, 23, 1191-1201.	4.4	20

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37	Changes in Dietary Fat Intake and Projections for Coronary Heart Disease Mortality in Sweden: A Simulation Study. PLoS ONE, 2016, 11, e0160474.	2.5	18
38	Effects of Evolocumab on the Postprandial Kinetics of Apo (Apolipoprotein) B100- and B48-Containing Lipoproteins in Subjects With Type 2 Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 962-975.	2.4	18
39	Deficiency in perilipin 5 reduces mitochondrial function and membrane depolarization in mouse hearts. International Journal of Biochemistry and Cell Biology, 2017, 91, 9-13.	2.8	17
40	Longitudinal plasma protein profiling of newly diagnosed type 2 diabetes. EBioMedicine, 2021, 63, 103147.	6.1	15
41	Sulfatide isoform pattern in cerebrospinal fluid discriminates progressive <scp>MS</scp> from relapsingâ€remitting <scp>MS</scp>. Journal of Neurochemistry, 2018, 146, 322-332.	3.9	14
42	Glucosylceramide synthase deficiency in the heart compromises Î²1-adrenergic receptor trafficking. European Heart Journal, 2021, 42, 4481-4492.	2.2	14
43	Obesity in adolescent men increases the risk of venous thromboembolism in adult life. Journal of Internal Medicine, 2020, 287, 734-745.	6.0	13
44	Trajectories in HbA1c and other risk factors among adults with type 1 diabetes by age at onset. BMJ Open Diabetes Research and Care, 2021, 9, e002187.	2.8	13
45	Association between inflammatory response and outcome after subarachnoid haemorrhage. Acta Neurologica Scandinavica, 2021, 143, 195-205.	2.1	12
46	Kinetic Studies to Elucidate Impaired Metabolism of Triglyceride-rich Lipoproteins in Humans. Frontiers in Physiology, 2015, 6, 342.	2.8	11
47	Body mass index in women aged 18 to 45 and subsequent risk of heart failure. European Journal of Preventive Cardiology, 2020, 27, 1165-1174.	1.8	10
48	Diverging trends for onset of acute myocardial infarction, heart failure, stroke and mortality in young males: role of changes in obesity and fitness. Journal of Internal Medicine, 2021, 290, 373-385.	6.0	8
49	Long-term trends in the prevalence of patients hospitalized with ischemic stroke from 1995 to 2010 in Sweden. PLoS ONE, 2017, 12, e0179658.	2.5	7
50	Severe COVIDâ€19 in people 55 and older during the first year of the pandemic in Sweden. Journal of Internal Medicine, 2022, 292, 641-653.	6.0	7
51	Social inequalities and trends in pre-pregnancy body mass index in Swedish women. Scientific Reports, 2021, 11, 12056.	3.3	6
52	Atrial fibrillation and risk of venous thromboembolism: a Swedish Nationwide Registry Study. Europace, 2021, 23, 1913-1921.	1.7	6
53	Effects of PNPLA3 I148M on hepatic lipid and veryâ€lowâ€density lipoprotein metabolism in humans. Journal of Internal Medicine, 2022, 291, 218-223.	6.0	5
54	BMI in early adulthood is associated with severe COVIDâ€19 later in life: A prospective cohort study of 1.5 million SwedishÂmen. Obesity, 2022, 30, 779-787.	3.0	5

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55	BMI, sex and outcomes in hospitalised patients in western Sweden during the COVID-19 pandemic. Scientific Reports, 2022, 12, 4918.	3.3	5
56	Improved Estimation of Human Lipoprotein Kinetics with Mixed Effects Models. PLoS ONE, 2015, 10, e0138538.	2.5	4
57	ApoA-II HDL Catabolism and Its Relationships With the Kinetics of ApoA-I HDL and of VLDL1, in Abdominal Obesity. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1398-1406.	3.6	4
58	Lipid profiling of human diabetic myocardium reveals differences in triglyceride fatty acyl chain length and degree of saturation. International Journal of Cardiology, 2020, 320, 106-111.	1.7	4
59	Surgical treatment of obesity and excess risk of developing heart failure in a controlled cohort study. ESC Heart Failure, 2022, 9, 1844-1852.	3.1	4
60	Role of endogenous incretins in the regulation of postprandial lipoprotein metabolism. European Journal of Endocrinology, 2022, 187, 75-84.	3.7	2
61	OP76â€...Saturated fat intake and future chd mortality in sweden. a modelling study. Journal of Epidemiology and Community Health, 2015, 69, A42.2-A43.	3.7	0
62	5720Fatal and non-fatal secondary events in 496173 individuals with a first episode of atrial fibrillation between 1987 and 2013- a Swedish register study. European Heart Journal, 2017, 38, .	2.2	0
63	P1818Resting heart rate in late adolescence and long term risk of early heart failure in Swedish men. European Heart Journal, 2018, 39, .	2.2	0
64	OP21â€...Prediction of future ischemic stroke trends in sweden to 2030: a modelling study. , 2018, , .		0