Thomas E Gundersen

List of Publications by Year
in descending order

34	1,881	331670 21	377865 34
papers	citations	h-index	g-index

34	34	34	3392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260.	12.8	295
2	Identification of Novel Roles of the Cytochrome P450 System in Early Embryogenesis: Effects on Vasculogenesis and Retinoic Acid Homeostasis. Molecular and Cellular Biology, 2003, 23, 6103-6116.	2.3	168
3	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. Genes and Nutrition, 2015, 10, 450.	2.5	134
4	Identification of Endogenous Retinoids, Enzymes, Binding Proteins, and Receptors during Early Postimplantation Development in Mouse: Important Role of Retinal Dehydrogenase Type 2 in Synthesis of All-trans-Retinoic Acid. Developmental Biology, 2000, 220, 379-391.	2.0	104
5	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. Proceedings of the Nutrition Society, 2017, 76, 619-627.	1.0	93
6	High-throughput analysis of Vitamin C in human plasma with the use of HPLC with monolithic column and UV-detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 824, 132-138.	2.3	84
7	Qualitative and quantitative liquid chromatographic determination of natural retinoids in biological samples. Journal of Chromatography A, 2001, 935, 13-43.	3.7	76
8	Hormoneâ€sensitive lipase (HSL) is also a retinyl ester hydrolase: evidence from mice lacking HSL. FASEB Journal, 2009, 23, 2307-2316.	0.5	75
9	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. BMJ, The, 2020, 370, m2194.	6.0	75
10	Quantitative highâ€throughput determination of endogenous retinoids in human plasma using tripleâ€stage liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 1176-1186.	1.5	68
11	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. Diabetes Care, 2021, 44, 98-106.	8.6	68
12	Association between Diet-Quality Scores, Adiposity, Total Cholesterol and Markers of Nutritional Status in European Adults: Findings from the Food4Me Study. Nutrients, 2018, 10, 49.	4.1	61
13	Cholesterol Metabolism: the Main Pathway Acting Downstream of Cytochrome P450 Oxidoreductase in Skeletal Development of the Limb. Molecular and Cellular Biology, 2009, 29, 2716-2729.	2.3	58
14	Quantitative axial profiles of retinoic acid in the embryonic mouse spinal cord: 9-Cis retinoic acid only detected after all-trans-retinoic acid levels are super-elevated experimentally. Developmental Dynamics, 2001, 222, 341-353.	1.8	46
15	Simultaneous quantification of reduced and oxidized glutathione in plasma using a two-dimensional chromatographic system with parallel porous graphitized carbon columns coupled with fluorescence and coulometric electrochemical detection. Journal of Chromatography A, 2006, 1104, 179-189.	3.7	46
16	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: AÂmeta-analysis and Mendelian randomisation analysis. PLoS Medicine, 2020, 17, e1003394.	8.4	45
17	Temperature-Programmed Packed Capillary Liquid Chromatography Separation with Large Volume On-Column Focusing of Retinyl Esters. Journal of High Resolution Chromatography, 1999, 22, 490-494.	1.4	43
18	Determination of 8â€epi PGF_{2Î±} concentrations as a biomarker of oxidative stress using tripleâ€stage liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 2885-2890.	1.5	40

#	Article	IF	Citations
19	Simultaneous and trace determination of reduced and oxidized glutathione in minute plasma samples using dual mode fluorescence detection and column switching high performance liquid chromatography. Journal of Chromatography A, 2007, 1142, 178-184.	3.7	35
20	Exploring the association of dairy product intake with the fatty acids C15:0 and C17:0 measured from dried blood spots in a multipopulation cohort: Findings from the Food4Me study. Molecular Nutrition and Food Research, 2016, 60, 834-845.	3.3	27
21	Genetic, dietary, and sex-specific regulation of hepatic ceramides and the relationship between hepatic ceramides and IR [S]. Journal of Lipid Research, 2018, 59, 1164-1174.	4.2	26
22	Association of Plasma Vitamin D Metabolites With Incident Type 2 Diabetes: EPIC-InterAct Case-Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1293-1303.	3.6	25
23	Vitamin D status in pre-school children in rural Nepal. Public Health Nutrition, 2016, 19, 470-476.	2.2	22
24	Methods for detecting and identifying retinoids in tissue. Journal of Neurobiology, 2006, 66, 631-644.	3.6	20
25	Secretion of N-(4-hydroxyphenyl) retinamide-retinol-binding protein from liver parenchymal cells: Evidence for reduced affinity of the complex for transthyretin. International Journal of Cancer, 1997, 71, 654-659.	5.1	19
26	Quantitative assessment of retinoid signaling pathways in the developing eye and retina of the chicken embryo. Journal of Comparative Neurology, 2001, 436, 324-335.	1.6	19
27	Dried blood spot (DBS) sample collection for determination of the oxidative stress biomarker 8â€epiâ€PGF‹sub›2Î±‹/sub› in humans using liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 645-652.	1.5	19
28	Quantitative and qualitative analysis of retinoids in Artemia and copepods by HPLC and diode array detection. Aquaculture, 2005, 246, 359-365.	3.5	18
29	Genetic regulation of liver lipids in a mouse model of insulin resistance and hepatic steatosis. Molecular Systems Biology, 2021, 17, e9684.	7.2	16
30	[38] On-line solid-phase extraction and isocratic separation of retinoic acid isomers in microbore column switching system. Methods in Enzymology, 1999, 299, 430-441.	1.0	15
31	Characteristics of participants who benefit most from personalised nutrition: findings from the pan-European Food4Me randomised controlled trial. British Journal of Nutrition, 2020, 123, 1396-1405.	2.3	14
32	Withinâ€person reproducibility and sensitivity to dietary change of C15:0 and C17:0 levels in dried blood spots: Data from the European Food4Me Study. Molecular Nutrition and Food Research, 2017, 61, 1700142.	3.3	13
33	Capturing health and eating status through a nutritional perception screening questionnaire (NPSQ9) in a randomised internet-based personalised nutrition intervention: the Food4Me study. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 168.	4.6	12
34	Interactions of Carbohydrate Intake and Physical Activity with Regulatory Genes Affecting Glycaemia: A Food4Me Study Analysis. Lifestyle Genomics, 2021, 14, 63-72.	1.7	2