

Thomas E Gundersen

List of Publications by Year in descending order

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34
papers

1,881
citations

331670

21
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

3392
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. <i>Diabetes Care</i> , 2021, 44, 98-106.	8.6	68
2	Interactions of Carbohydrate Intake and Physical Activity with Regulatory Genes Affecting Glycaemia: A Food4Me Study Analysis. <i>Lifestyle Genomics</i> , 2021, 14, 63-72.	1.7	2
3	Genetic regulation of liver lipids in a mouse model of insulin resistance and hepatic steatosis. <i>Molecular Systems Biology</i> , 2021, 17, e9684.	7.2	16
4	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: A meta-analysis and Mendelian randomisation analysis. <i>PLoS Medicine</i> , 2020, 17, e1003394.	8.4	45
5	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. <i>BMJ</i> , The, 2020, 370, m2194.	6.0	75
6	Characteristics of participants who benefit most from personalised nutrition: findings from the pan-European Food4Me randomised controlled trial. <i>British Journal of Nutrition</i> , 2020, 123, 1396-1405.	2.3	14
7	Association of Plasma Vitamin D Metabolites With Incident Type 2 Diabetes: EPIC-InterAct Case-Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1293-1303.	3.6	25
8	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018, 9, 260.	12.8	295
9	Genetic, dietary, and sex-specific regulation of hepatic ceramides and the relationship between hepatic ceramides and IR [S]. <i>Journal of Lipid Research</i> , 2018, 59, 1164-1174.	4.2	26
10	Association between Diet-Quality Scores, Adiposity, Total Cholesterol and Markers of Nutritional Status in European Adults: Findings from the Food4Me Study. <i>Nutrients</i> , 2018, 10, 49.	4.1	61
11	Within-person reproducibility and sensitivity to dietary change of C15:0 and C17:0 levels in dried blood spots: Data from the European Food4Me Study. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700142.	3.3	13
12	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 619-627.	1.0	93
13	Capturing health and eating status through a nutritional perception screening questionnaire (NPSQ9) in a randomised internet-based personalised nutrition intervention: the Food4Me study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 168.	4.6	12
14	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. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 834-845.	3.3	27
15	Vitamin D status in pre-school children in rural Nepal. <i>Public Health Nutrition</i> , 2016, 19, 470-476.	2.2	22
16	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. <i>Genes and Nutrition</i> , 2015, 10, 450.	2.5	134
17	Dried blood spot (DBS) sample collection for determination of the oxidative stress biomarker 8-epi-PGF ₂ in humans using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 645-652.	1.5	19
18	Hormone-sensitive lipase (HSL) is also a retinyl ester hydrolase: evidence from mice lacking HSL. <i>FASEB Journal</i> , 2009, 23, 2307-2316.	0.5	75

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19	Cholesterol Metabolism: the Main Pathway Acting Downstream of Cytochrome P450 Oxidoreductase in Skeletal Development of the Limb. <i>Molecular and Cellular Biology</i> , 2009, 29, 2716-2729.	2.3	58
20	Determination of 8-epi-PGF ₂ concentrations as a biomarker of oxidative stress using triple-stage liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2885-2890.	1.5	40
21	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. <i>Journal of Chromatography A</i> , 2007, 1142, 178-184.	3.7	35
22	Quantitative high-throughput determination of endogenous retinoids in human plasma using triple-stage liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1176-1186.	1.5	68
23	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. <i>Journal of Chromatography A</i> , 2006, 1104, 179-189.	3.7	46
24	Methods for detecting and identifying retinoids in tissue. <i>Journal of Neurobiology</i> , 2006, 66, 631-644.	3.6	20
25	High-throughput analysis of Vitamin C in human plasma with the use of HPLC with monolithic column and UV-detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 824, 132-138.	2.3	84
26	Quantitative and qualitative analysis of retinoids in Artemia and copepods by HPLC and diode array detection. <i>Aquaculture</i> , 2005, 246, 359-365.	3.5	18
27	Identification of Novel Roles of the Cytochrome P450 System in Early Embryogenesis: Effects on Vasculogenesis and Retinoic Acid Homeostasis. <i>Molecular and Cellular Biology</i> , 2003, 23, 6103-6116.	2.3	168
28	Quantitative assessment of retinoid signaling pathways in the developing eye and retina of the chicken embryo. <i>Journal of Comparative Neurology</i> , 2001, 436, 324-335.	1.6	19
29	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. <i>Developmental Dynamics</i> , 2001, 222, 341-353.	1.8	46
30	Qualitative and quantitative liquid chromatographic determination of natural retinoids in biological samples. <i>Journal of Chromatography A</i> , 2001, 935, 13-43.	3.7	76
31	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. <i>Developmental Biology</i> , 2000, 220, 379-391.	2.0	104
32	[38] On-line solid-phase extraction and isocratic separation of retinoic acid isomers in microbore column switching system. <i>Methods in Enzymology</i> , 1999, 299, 430-441.	1.0	15
33	Temperature-Programmed Packed Capillary Liquid Chromatography Separation with Large Volume On-Column Focusing of Retinyl Esters. <i>Journal of High Resolution Chromatography</i> , 1999, 22, 490-494.	1.4	43
34	Secretion of N-(4-hydroxyphenyl) retinamide-retinol-binding protein from liver parenchymal cells: Evidence for reduced affinity of the complex for transthyretin. <i>International Journal of Cancer</i> , 1997, 71, 654-659.	5.1	19