Hannelore Daniel

List of Publications by Year
in descending order

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Version: 2024-02-01

81 papers	4,374 citations	172457 29 h-index	110387 64 g-index
109 all docs	109 docs citations	109 times ranked	7057 citing authors

#	Article	IF	Citations
1	Associations between dietary patterns, FTO genotype and obesity in adults from seven European countries. European Journal of Nutrition, 2022, 61, 2953-2965.	3.9	2
2	Genetics and Epigenetics in Personalized Nutrition: Evidence, Expectations, and Experiences. Molecular Nutrition and Food Research, 2022, 66, .	3.3	8
3	Fetal sex modulates placental microRNA expression, potential microRNA-mRNA interactions, and levels of amino acid transporter expression and substrates: INFATÂstudy subpopulation analysis of n-3 LCPUFA intervention during pregnancy and associations with offspring body composition. BMC Molecular and Cell Biology, 2021, 22, 15.	2.0	8
4	Personalised nutrition advice reduces intake of discretionary foods and beverages: findings from the Food4Me randomised controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 70.	4.6	27
5	Personalized Nutrition Advice Reduces Intake of Discretionary Foods and Beverages: Findings From the Food4Me Randomized Controlled Trial. Current Developments in Nutrition, 2021, 5, 152.	0.3	4
6	Exploring the Diversity of Sugar Compounds in Healthy, Prediabetic, and Diabetic Volunteers. Molecular Nutrition and Food Research, 2020, 64, e1901190.	3.3	7
7	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
8	Diet and the gut microbiome: from hype to hypothesis. British Journal of Nutrition, 2020, 124, 521-530.	2.3	12
9	Higher vegetable protein consumption, assessed by an isoenergetic macronutrient exchange model, is associated with a lower presence of overweight and obesity in the web-based Food4me European study. International Journal of Food Sciences and Nutrition, 2019, 70, 240-253.	2.8	11
10	Dynamic modelling of an ACADS genotype in fatty acid oxidation â€“ Application of cellular models for the analysis of common genetic variants. PLoS ONE, 2019, 14, e0216110.	2.5	1
11	Frequent Nutritional Feedback, Personalized Advice, and Behavioral Changes: Findings from the European Food4Me Internet-Based RCT. American Journal of Preventive Medicine, 2019, 57, 209-219.	3.0	18
12	Bioavailability and Biological Effects of 2-O-Î²-<scp>d</scp>-Glucopyranosyl-carboxyatractyligenin from Green Coffee in Caenorhabditis elegans. Journal of Agricultural and Food Chemistry, 2019, 67, 4774-4781.	5.2	5
13	Bile acid supplementation decreases body mass gain in C57BL/6J but not 129S6/SvEvTac mice without increasing energy expenditure. Scientific Reports, 2019, 9, 131.	3.3	20
14	Analysis of the National Adult Nutrition Survey (Ireland) and the Food4Me Nutrition Survey Databases to Explore the Development of Food Labelling Portion Sizes for the European Union. Nutrients, 2019, 11, 6.	4.1	10
15	NRF2 regulates the glutamine transporter Slc38a3 (SNAT3) in kidney in response to metabolic acidosis. Scientific Reports, 2018, 8, 5629.	3.3	20
16	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. European Journal of Nutrition, 2018, 57, 1357-1368.	3.9	29
17	Correlates of overall and central obesity in adults from seven European countries: findings from the Food4Me Study. European Journal of Clinical Nutrition, 2018, 72, 207-219.	2.9	20
18	Roux-en-Y Gastric Bypass Surgery Induces Distinct but Frequently Transient Effects on Acylcarnitine, Bile Acid and Phospholipid Levels. Metabolites, 2018, 8, 83.	2.9	11

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19	The complex human urinary sugar profile: determinants revealed in the cross-sectional KarMeN study. American Journal of Clinical Nutrition, 2018, 108, 502-516.	4.7	14
20	Plasma metabolome analysis identifies distinct human metabotypes in the postprandial state with different susceptibility to weight lossâ€mediated metabolic improvements. FASEB Journal, 2018, 32, 5447-5458.	0.5	54
21	Night Shift Work Affects Urine Metabolite Profiles of Nurses with Early Chronotype. Metabolites, 2018, 8, 45.	2.9	13
22	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
23	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4me European randomized controlled trial. International Journal of Epidemiology, 2017, 46, dyw186.	1.9	219
24	Enhanced nutrient supply to very low birth weight infants is associated with higher blood amino acid concentrations and improved growth. Clinical Nutrition ESPEN, 2017, 18, 16-22.	1.2	14
25	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
26	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial1â€“3. American Journal of Clinical Nutrition, 2017, 105, 1204-1213.	4.7	50
27	Characteristics of European adults who dropped out from the Food4Me Internet-based personalised nutrition intervention. Public Health Nutrition, 2017, 20, 53-63.	2.2	8
28	Metabotyping for the development of tailored dietary advice solutions in a European population: the Food4Me study. British Journal of Nutrition, 2017, 118, 561-569.	2.3	28
29	Determinants of postprandial plasma bile acid kinetics in human volunteers. American Journal of Physiology - Renal Physiology, 2017, 313, G300-G312.	3.4	38
30	Weekday sunlight exposure, but not vitamin D intake, influences the association between vitamin D receptor genotype and circulating concentration 25â€hydroxyvitamin D in a panâ€European population: the Food4Me study. Molecular Nutrition and Food Research, 2017, 61, 1600476.	3.3	9
31	Calcium Imaging of Nerve-Mast Cell Signaling in the Human Intestine. Frontiers in Physiology, 2017, 8, 971.	2.8	29
32	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. Nutrients, 2017, 9, 1107.	4.1	25
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	Physical activity attenuates the effect of the <scp>FTO</scp> genotype on obesity traits in European adults: The <scp>Food4Me</scp> study. Obesity, 2016, 24, 962-969.	3.0	47
35	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
36	Effect of an Internet-based, personalized nutrition randomized trial on dietary changes associated with the Mediterranean diet: the Food4Me Study. American Journal of Clinical Nutrition, 2016, 104, 288-297.	4.7	77

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37	Gene methylation parallelisms between peripheral blood cells and oral mucosa samples in relation to overweight. Journal of Physiology and Biochemistry, 2016, 73, 465-474.	3.0	13
38	Clustering of adherence to personalised dietary recommendations and changes in healthy eating index within the Food4Me study. Public Health Nutrition, 2016, 19, 3296-3305.	2.2	10
39	Phenotypic factors influencing the variation in response of circulating cholesterol level to personalised dietary advice in the Food4Me study. British Journal of Nutrition, 2016, 116, 2011-2019.	2.3	14
40	Application of dried blood spots to determine vitamin D status in a large nutritional study with unsupervised sampling: the Food4Me project. British Journal of Nutrition, 2016, 115, 202-211.	2.3	42
41	Fat mass- and obesity-associated genotype, dietary intakes and anthropometric measures in European adults: the Food4Me study. British Journal of Nutrition, 2016, 115, 440-448.	2.3	22
42	Reproducibility of the Online Food4Me Food-Frequency Questionnaire for Estimating Dietary Intakes across Europe. Journal of Nutrition, 2016, 146, 1068-1075.	2.9	24
43	Amino Acid Transport Associated to Cluster of Differentiation 98 Heavy Chain (CD98hc) Is at the Cross-road of Oxidative Stress and Amino Acid Availability. Journal of Biological Chemistry, 2016, 291, 9700-9711.	3.4	50
44	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the Food4Me randomized controlled trial. American Journal of Clinical Nutrition, 2016, 104, 827-836.	4.7	41
45	Reduced mitochondrial mass and function add to age-related susceptibility toward diet-induced fatty liver in C57BL/6J mice. Physiological Reports, 2016, 4, e12988.	1.7	31
46	The impact of MTHFR 677Câ€‰â†'â€‰T risk knowledge on changes in folate intake: findings from the Food4Me study. Genes and Nutrition, 2016, 11, 25.	2.5	12
47	Loss of function mutation of the Slc38a3 glutamine transporter reveals its critical role for amino acid metabolism in the liver, brain, and kidney. Pflugers Archiv European Journal of Physiology, 2016, 468, 213-227.	2.8	42
48	Profile of European adults interested in internet-based personalised nutrition: the Food4Me study. European Journal of Nutrition, 2016, 55, 759-769.	3.9	34
49	Changes in Physical Activity Following a Genetic-Based Internet-Delivered Personalized Intervention: Randomized Controlled Trial (Food4Me). Journal of Medical Internet Research, 2016, 18, e30.	4.3	25
50	A Dietary Feedback System for the Delivery of Consistent Personalized Dietary Advice in the Web-Based Multicenter Food4Me Study. Journal of Medical Internet Research, 2016, 18, e150.	4.3	37
51	Predicting fatty acid profiles in blood based on food intake and the FADS1 rs174546 SNP. Molecular Nutrition and Food Research, 2015, 59, 2565-2573.	3.3	9
52	Analysis of Dietary Pattern Impact on Weight Status for Personalised Nutrition through On-Line Advice: The Food4Me Spanish Cohort. Nutrients, 2015, 7, 9523-9537.	4.1	21
53	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. Genes and Nutrition, 2015, 10, 28.	2.5	42
54	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

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55	Effects of a Web-Based Personalized Intervention on Physical Activity in European Adults: A Randomized Controlled Trial. Journal of Medical Internet Research, 2015, 17, e231.	4.3	34
56	Intestinal microbiota in metabolic diseases. Gut Microbes, 2014, 5, 544-551.	9.8	170
57	Differential regulation of pancreatic digestive enzymes during chronic high-fat diet-induced obesity in C57BL/6J mice. British Journal of Nutrition, 2014, 112, 154-161.	2.3	11
58	The Role of SGLT1 and GLUT2 in Intestinal Glucose Transport and Sensing. PLoS ONE, 2014, 9, e89977.	2.5	306
59	Glyoxylate, a New Marker Metabolite of Type 2 Diabetes. Journal of Diabetes Research, 2014, 2014, 1-9.	2.3	44
60	High-fat diet alters gut microbiota physiology in mice. ISME Journal, 2014, 8, 295-308.	9.8	583
61	Nrf2 regulates the expression of the peptide transporter PEPT1 in the human colon carcinoma cell line Caco-2. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1747-1754.	2.4	19
62	RANTES (CCL5) reduces glucose-dependent secretion of glucagon-like peptides 1 and 2 and impairs glucose-induced insulin secretion in mice. American Journal of Physiology - Renal Physiology, 2014, 307, G330-G337.	3.4	20
63	Hepatic metabolite profiles in mice with a suboptimal selenium status. Journal of Nutritional Biochemistry, 2014, 25, 914-922.	4.2	20
64	Methyl-donor supplementation in obese mice prevents the progression of NAFLD, activates AMPK and decreases acyl-carnitine levels. Molecular Metabolism, 2014, 3, 565-580.	6.5	84
65	Peptide transporter isoforms are discriminated by the fluorophore-conjugated dipeptides Î²-Ala- and <scp>d</scp> -Ala-Lys-N-7-amino-4-methylcoumarin-3-acetic acid. Physiological Reports, 2013, 1, e00165.	1.7	15
66	Differential regulation of pancreas digestive enzymes during the development of dietâ€induced â€obesity of C57BL/6J mice. FASEB Journal, 2012, 26, 375.7.	0.5	0
67	Metabolomics of prolonged fasting in humans reveals new catabolic markers. Metabolomics, 2011, 7, 375-387.	3.0	59
68	New metabolic interdependencies revealed by plasma metabolite profiling after two dietary challenges. Metabolomics, 2011, 7, 388-399.	3.0	13
69	Transport of di- and tripeptides in teleost fish intestine. Aquaculture Research, 2010, 41, 641-653.	1.8	55
70	The challenges for molecular nutrition research 3: comparative nutrigenomics research as a basis for entering the systems level. Genes and Nutrition, 2008, 3, 101-106.	2.5	20
71	Nutritional Genomics: Concepts, Tools and Expectations. , 2006, , 2-21.		0
72	From Bacteria to Man: Archaic Proton-Dependent Peptide Transporters at Work. Physiology, 2006, 21, 93-102.	3.1	170

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73	Nutrient-gene interactions: a single nutrient and hundreds of target genes. Biological Chemistry, 2004, 385, 571-83.	2.5	27
74	The proton oligopeptide cotransporter family SLC15 in physiology and pharmacology. Pflugers Archiv European Journal of Physiology, 2004, 447, 610-618.	2.8	416
75	Molecular and Integrative Physiology of Intestinal Peptide Transport. Annual Review of Physiology, 2004, 66, 361-384.	13.1	513
76	An update on renal peptide transporters. American Journal of Physiology - Renal Physiology, 2003, 284, F885-F892.	2.7	74
77	PEPT1-mediated uptake of dipeptides enhances the intestinal absorption of amino acids via transport system b0,+. Journal of Cellular Physiology, 2001, 186, 251-259.	4.1	38
78	A Novel Inhibitor of the Mammalian Peptide Transporter PEPT1â€. Biochemistry, 2001, 40, 4454-4458.	2.5	63
79	Bidirectional electrogenic transport of peptides by the protonâ€coupled carrier PEPT1 in Xenopus laevis oocytes: its asymmetry and symmetry. Journal of Physiology, 2001, 536, 495-503.	2.9	47
80	PEPT1â€mediated uptake of dipeptides enhances the intestinal absorption of amino acids via transport system b0,. Journal of Cellular Physiology, 2001, 186, 251-259.	4.1	1
81	Polyphenols and Gene Expression. , 0, , 359-377.		2