

Hannelore Daniel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

3,248
citations

27
h-index

56
g-index

109
ext. papers

3,935
ext. citations

5.1
avg, IF

5.21
L-index

#	Paper	IF	Citations
81	Molecular and integrative physiology of intestinal peptide transport. <i>Annual Review of Physiology</i> , 2004 , 66, 361-84	23.1	440
80	High-fat diet alters gut microbiota physiology in mice. <i>ISME Journal</i> , 2014 , 8, 295-308	11.9	393
79	The proton oligopeptide cotransporter family SLC15 in physiology and pharmacology. <i>Pflugers Archiv European Journal of Physiology</i> , 2004 , 447, 610-8	4.6	342
78	The role of SGLT1 and GLUT2 in intestinal glucose transport and sensing. <i>PLoS ONE</i> , 2014 , 9, e89977	3.7	238
77	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4Me European randomized controlled trial. <i>International Journal of Epidemiology</i> , 2017 , 46, 578-588	7.8	138
76	From bacteria to man: archaic proton-dependent peptide transporters at work. <i>Physiology</i> , 2006 , 21, 93-102	9.8	132
75	Intestinal microbiota in metabolic diseases: from bacterial community structure and functions to species of pathophysiological relevance. <i>Gut Microbes</i> , 2014 , 5, 544-51	8.8	117
74	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	4.3	109
73	Methyl-donor supplementation in obese mice prevents the progression of NAFLD, activates AMPK and decreases acyl-carnitine levels. <i>Molecular Metabolism</i> , 2014 , 3, 565-80	8.8	66
72	An update on renal peptide transporters. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, F885-92	4.3	60
71	A novel inhibitor of the mammalian peptide transporter PEPT1. <i>Biochemistry</i> , 2001 , 40, 4454-8	3.2	55
70	Effect of an Internet-based, personalized nutrition randomized trial on dietary changes associated with the Mediterranean diet: the Food4Me Study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 288-97	7	49
69	Metabolomics of prolonged fasting in humans reveals new catabolic markers. <i>Metabolomics</i> , 2011 , 7, 375-387	4.7	47
68	Bidirectional electrogenic transport of peptides by the proton-coupled carrier PEPT1 in <i>Xenopus laevis</i> oocytes: its asymmetry and symmetry. <i>Journal of Physiology</i> , 2001 , 536, 495-503	3.9	42
67	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1204-1213	7	40
66	Transport of di- and tripeptides in teleost fish intestine. <i>Aquaculture Research</i> , 2010 , 41, 641-653	1.9	40
65	Physical activity attenuates the effect of the FTO genotype on obesity traits in European adults: The Food4Me study. <i>Obesity</i> , 2016 , 24, 962-9	8	38

64	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. <i>Genes and Nutrition</i> , 2015 , 10, 28	4.3	37
63	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,	6.7	36
62	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the Food4Me randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 827-36	7	34
61	PEPT1-mediated uptake of dipeptides enhances the intestinal absorption of amino acids via transport system b(0,+). <i>Journal of Cellular Physiology</i> , 2001 , 186, 251-9	7	33
60	Application of dried blood spots to determine vitamin D status in a large nutritional study with unsupervised sampling: the Food4Me project. <i>British Journal of Nutrition</i> , 2016 , 115, 202-11	3.6	33
59	Amino Acid Transport Associated to Cluster of Differentiation 98 Heavy Chain (CD98hc) Is at the Cross-road of Oxidative Stress and Amino Acid Availability. <i>Journal of Biological Chemistry</i> , 2016 , 291, 9700-11	5.4	33
58	Loss of function mutation of the Slc38a3 glutamine transporter reveals its critical role for amino acid metabolism in the liver, brain, and kidney. <i>Pflugers Archiv European Journal of Physiology</i> , 2016 , 468, 213-27	4.6	31
57	Plasma metabolome analysis identifies distinct human metabolotypes in the postprandial state with different susceptibility to weight loss-mediated metabolic improvements. <i>FASEB Journal</i> , 2018 , 32, 5447-5458	7.9	28
56	Glyoxylate, a new marker metabolite of type 2 diabetes. <i>Journal of Diabetes Research</i> , 2014 , 2014, 6852049	3.9	28
55	Profile of European adults interested in internet-based personalised nutrition: the Food4Me study. <i>European Journal of Nutrition</i> , 2016 , 55, 759-769	5.2	27
54	Determinants of postprandial plasma bile acid kinetics in human volunteers. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G300-G312	5.1	25
53	Calcium Imaging of Nerve-Mast Cell Signaling in the Human Intestine. <i>Frontiers in Physiology</i> , 2017 , 8, 971	4.6	25
52	A Dietary Feedback System for the Delivery of Consistent Personalized Dietary Advice in the Web-Based Multicenter Food4Me Study. <i>Journal of Medical Internet Research</i> , 2016 , 18, e150	7.6	23
51	Reduced mitochondrial mass and function add to age-related susceptibility toward diet-induced fatty liver in C57BL/6J mice. <i>Physiological Reports</i> , 2016 , 4, e12988	2.6	22
50	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, 834-45	5.9	22
49	Changes in Physical Activity Following a Genetic-Based Internet-Delivered Personalized Intervention: Randomized Controlled Trial (Food4Me). <i>Journal of Medical Internet Research</i> , 2016 , 18, e30	7.6	21
48	Analysis of Dietary Pattern Impact on Weight Status for Personalised Nutrition through On-Line Advice: The Food4Me Spanish Cohort. <i>Nutrients</i> , 2015 , 7, 9523-37	6.7	20
47	Effects of a Web-Based Personalized Intervention on Physical Activity in European Adults: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2015 , 17, e231	7.6	20

46	Reproducibility of the Online Food4Me Food-Frequency Questionnaire for Estimating Dietary Intakes across Europe. <i>Journal of Nutrition</i> , 2016 , 146, 1068-75	4.1	20
45	Nutrient-gene interactions: a single nutrient and hundreds of target genes. <i>Biological Chemistry</i> , 2004 , 385, 571-83	4.5	19
44	Metabotyping for the development of tailored dietary advice solutions in a European population: the Food4Me study. <i>British Journal of Nutrition</i> , 2017 , 118, 561-569	3.6	18
43	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. <i>European Journal of Nutrition</i> , 2018 , 57, 1357-1368	5.2	18
42	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. <i>Nutrients</i> , 2017 , 9,	6.7	18
41	Nrf2 regulates the expression of the peptide transporter PEPT1 in the human colon carcinoma cell line Caco-2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 1747-54	4	17
40	Fat mass- and obesity-associated genotype, dietary intakes and anthropometric measures in European adults: the Food4Me study. <i>British Journal of Nutrition</i> , 2016 , 115, 440-8	3.6	17
39	The challenges for molecular nutrition research 3: comparative nutrigenomics research as a basis for entering the systems level. <i>Genes and Nutrition</i> , 2008 , 3, 101-6	4.3	16
38	RANTES (CCL5) reduces glucose-dependent secretion of glucagon-like peptides 1 and 2 and impairs glucose-induced insulin secretion in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, G330-7	5.1	15
37	NRF2 regulates the glutamine transporter Slc38a3 (SNAT3) in kidney in response to metabolic acidosis. <i>Scientific Reports</i> , 2018 , 8, 5629	4.9	14
36	Hepatic metabolite profiles in mice with a suboptimal selenium status. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 914-22	6.3	13
35	Correlates of overall and central obesity in adults from seven European countries: findings from the Food4Me Study. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 207-219	5.2	13
34	New metabolic interdependencies revealed by plasma metabolite profiling after two dietary challenges. <i>Metabolomics</i> , 2011 , 7, 388-399	4.7	12
33	Gene methylation parallelisms between peripheral blood cells and oral mucosa samples in relation to overweight. <i>Journal of Physiology and Biochemistry</i> , 2016 , 73, 465-474	5	12
32	Bile acid supplementation decreases body mass gain in C57BL/6J but not 129S6/SvEvTac mice without increasing energy expenditure. <i>Scientific Reports</i> , 2019 , 9, 131	4.9	12
31	Frequent Nutritional Feedback, Personalized Advice, and Behavioral Changes: Findings from the European Food4Me Internet-Based RCT. <i>American Journal of Preventive Medicine</i> , 2019 , 57, 209-219	6.1	11
30	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	5.9	10
29	Night Shift Work Affects Urine Metabolite Profiles of Nurses with Early Chronotype. <i>Metabolites</i> , 2018 , 8,	5.6	10

28	Peptide transporter isoforms are discriminated by the fluorophore-conjugated dipeptides L-Ala and d-Ala-Lys-N-7-amino-4-methylcoumarin-3-acetic acid. <i>Physiological Reports</i> , 2013 , 1, e00165	2.6	10
27	The complex human urinary sugar profile: determinants revealed in the cross-sectional KarMeN study. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 502-516	7	10
26	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	8.4	9
25	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. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 240-253	3.7	9
24	Predicting fatty acid profiles in blood based on food intake and the FADS1 rs174546 SNP. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2565-73	5.9	9
23	Phenotypic factors influencing the variation in response of circulating cholesterol level to personalised dietary advice in the Food4Me study. <i>British Journal of Nutrition</i> , 2016 , 116, 2011-2019	3.6	9
22	Roux-en-Y Gastric Bypass Surgery Induces Distinct but Frequently Transient Effects on Acylcarnitine, Bile Acid and Phospholipid Levels. <i>Metabolites</i> , 2018 , 8,	5.6	9
21	Diet and the gut microbiome: from hype to hypothesis. <i>British Journal of Nutrition</i> , 2020 , 124, 521-530	3.6	8
20	The impact of 677C-T risk knowledge on changes in folate intake: findings from the Food4Me study. <i>Genes and Nutrition</i> , 2016 , 11, 25	4.3	8
19	Differential regulation of pancreatic digestive enzymes during chronic high-fat diet-induced obesity in C57BL/6J mice. <i>British Journal of Nutrition</i> , 2014 , 112, 154-61	3.6	8
18	Characteristics of European adults who dropped out from the Food4Me Internet-based personalised nutrition intervention. <i>Public Health Nutrition</i> , 2017 , 20, 53-63	3.3	7
17	Weekday sunlight exposure, but not vitamin D intake, influences the association between vitamin D receptor genotype and circulating concentration 25-hydroxyvitamin D in a pan-European population: the Food4Me study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600476	5.9	7
16	Clustering of adherence to personalised dietary recommendations and changes in healthy eating index within the Food4Me study. <i>Public Health Nutrition</i> , 2016 , 19, 3296-3305	3.3	6
15	Enhanced nutrient supply to very low birth weight infants is associated with higher blood amino acid concentrations and improved growth. <i>Clinical Nutrition ESPEN</i> , 2017 , 18, 16-22	1.3	5
14	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	3.6	5
13	Personalised nutrition advice reduces intake of discretionary foods and beverages: findings from the Food4Me randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 70	8.4	5
12	Fetal sex modulates placental microRNA expression, potential microRNA-mRNA interactions, and levels of amino acid transporter expression and substrates: INFAT study subpopulation analysis of n-3 LCPUFA intervention during pregnancy and associations with offspring body composition. <i>BMC Molecular and Cell Biology</i> , 2021 , 22, 15	2.7	4
11	Bioavailability and Biological Effects of 2-O-β-D-Glucopyranosyl-carboxyatractyligenin from Green Coffee in <i>Caenorhabditis elegans</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 4774-4781	5.7	3

10	Polyphenols and Gene Expression	359-377		2
9	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. <i>Nutrients</i> , 2018 , 11,		6.7	2
8	Exploring the Diversity of Sugar Compounds in Healthy, Prediabetic, and Diabetic Volunteers. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901190		5.9	1
7	PEPT1-mediated uptake of dipeptides enhances the intestinal absorption of amino acids via transport system b0,+ 2001 , 186, 251			1
6	Dynamic modelling of an ACADS genotype in fatty acid oxidation - Application of cellular models for the analysis of common genetic variants. <i>PLoS ONE</i> , 2019 , 14, e0216110		3.7	0
5	Personalized Nutrition Advice Reduces Intake of Discretionary Foods and Beverages: Findings From the Food4Me Randomized Controlled Trial. <i>Current Developments in Nutrition</i> , 2021 , 5, 152-152		0.4	0
4	Associations between dietary patterns, FTO genotype and obesity in adults from seven European countries.. <i>European Journal of Nutrition</i> , 2022 , 1		5.2	0
3	Nutritional Metabolomics 2013 , 393-405			
2	Nutritional Genomics: Concepts, Tools and Expectations 2006 , 2-21			
1	Differential regulation of pancreas digestive enzymes during the development of diet-induced-obesity of C57BL/6J mice. <i>FASEB Journal</i> , 2012 , 26, 375.7		0.9	