

Mette Kristensen

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.

73
papers

3,074
citations

31
h-index

54
g-index

73
ext. papers

3,595
ext. citations

5.9
avg, IF

5.12
L-index

#	Paper	IF	Citations
73	Effects of dietary fibre on subjective appetite, energy intake and body weight: a systematic review of randomized controlled trials. <i>Obesity Reviews</i> , 2011 , 12, 724-39	10.6	281
72	Colonic transit time is related to bacterial metabolism and mucosal turnover in the gut. <i>Nature Microbiology</i> , 2016 , 1, 16093	26.6	204
71	Dietary fibres in the regulation of appetite and food intake. Importance of viscosity. <i>Appetite</i> , 2011 , 56, 65-70	4.5	186
70	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. <i>Gut</i> , 2019 , 68, 83-93	19.2	162
69	Whole grain compared with refined wheat decreases the percentage of body fat following a 12-week, energy-restricted dietary intervention in postmenopausal women. <i>Journal of Nutrition</i> , 2012 , 142, 710-6	4.1	134
68	Whole-grain and blood lipid changes in apparently healthy adults: a systematic review and meta-analysis of randomized controlled studies. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 556-727	7	133
67	Whole grain and body weight changes in apparently healthy adults: a systematic review and meta-analysis of randomized controlled studies. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 872-84	7	105
66	Effect of dairy calcium from cheese and milk on fecal fat excretion, blood lipids, and appetite in young men. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 984-91	7	90
65	Wholegrain vs. refined wheat bread and pasta. Effect on postprandial glycemia, appetite, and subsequent ad libitum energy intake in young healthy adults. <i>Appetite</i> , 2010 , 54, 163-9	4.5	87
64	Functionality of myofibrillar proteins as affected by pH, ionic strength and heat treatment - a low-field NMR study. <i>Meat Science</i> , 2004 , 68, 249-56	6.4	87
63	Flaxseed dietary fibers lower cholesterol and increase fecal fat excretion, but magnitude of effect depend on food type. <i>Nutrition and Metabolism</i> , 2012 , 9, 8	4.6	82
62	Metabolomics investigation to shed light on cheese as a possible piece in the French paradox puzzle. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2830-9	5.7	73
61	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018 , 9, 4630	17.4	69
60	Effect of alginate supplementation on weight loss in obese subjects completing a 12-wk energy-restricted diet: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 5-13	7	68
59	Recommendations for reporting whole-grain intake in observational and intervention studies. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 903-7	7	60
58	Cereal grains for nutrition and health benefits: Overview of results from in vitro, animal and human studies in the HEALTHGRAIN project. <i>Trends in Food Science and Technology</i> , 2012 , 25, 87-100	15.3	58
57	Calcium from salmon and cod bone is well absorbed in young healthy men: a double-blinded randomised crossover design. <i>Nutrition and Metabolism</i> , 2010 , 7, 61	4.6	54

56	Does oxidation affect the water functionality of myofibrillar proteins?. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 2342-8	5.7	52
55	Flaxseed dietary fibers suppress postprandial lipemia and appetite sensation in young men. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 136-43	4.5	51
54	The Effect of LC-MS Data Preprocessing Methods on the Selection of Plasma Biomarkers in Fed vs. Fasted Rats. <i>Metabolites</i> , 2012 , 2, 77-99	5.6	50
53	LCMS metabolomics top-down approach reveals new exposure and effect biomarkers of apple and apple-pectin intake. <i>Metabolomics</i> , 2012 , 8, 64-73	4.7	46
52	Can bioactive foods affect obesity?. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1190, 25-41	6.5	46
51	Short-term effects on bone turnover of replacing milk with cola beverages: a 10-day interventional study in young men. <i>Osteoporosis International</i> , 2005 , 16, 1803-8	5.3	43
50	A review of the characteristics of dietary fibers relevant to appetite and energy intake outcomes in human intervention trials. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 747-754	7	41
49	Flaxseed dietary fiber supplements for suppression of appetite and food intake. <i>Appetite</i> , 2012 , 58, 490-5	4.5	41
48	Review: efficacy of alginate supplementation in relation to appetite regulation and metabolic risk factors: evidence from animal and human studies. <i>Obesity Reviews</i> , 2013 , 14, 129-44	10.6	40
47	Acute effect of alginate-based preload on satiety feelings, energy intake, and gastric emptying rate in healthy subjects. <i>Obesity</i> , 2012 , 20, 1851-8	8	37
46	Prevotella Abundance Predicts Weight Loss Success in Healthy, Overweight Adults Consuming a Whole-Grain Diet Ad Libitum: A Post Hoc Analysis of a 6-Wk Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2019 , 149, 2174-2181	4.1	35
45	Second meal effect on appetite and fermentation of wholegrain rye foods. <i>Appetite</i> , 2014 , 80, 248-56	4.5	34
44	Functionality of alginate based supplements for application in human appetite regulation. <i>Food Chemistry</i> , 2012 , 132, 823-829	8.5	34
43	Toward Reliable Lipoprotein Particle Predictions from NMR Spectra of Human Blood: An Interlaboratory Ring Test. <i>Analytical Chemistry</i> , 2017 , 89, 8004-8012	7.8	32
42	Whole-Grain Rye and Wheat Affect Some Markers of Gut Health without Altering the Fecal Microbiota in Healthy Overweight Adults: A 6-Week Randomized Trial. <i>Journal of Nutrition</i> , 2017 , 147, 2067-2075	4.1	30
41	A diet rich in oat bran improves blood lipids and hemostatic factors, and reduces apparent energy digestibility in young healthy volunteers. <i>European Journal of Clinical Nutrition</i> , 2011 , 65, 1053-8	5.2	30
40	Extracted oat and barley β -glucans do not affect cholesterol metabolism in young healthy adults. <i>Journal of Nutrition</i> , 2013 , 143, 1579-85	4.1	29
39	Effect of folate supplementation on insulin sensitivity and type 2 diabetes: a meta-analysis of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 29-42	7	27

38	Bifidogenic effect of whole-grain wheat during a 12-week energy-restricted dietary intervention in postmenopausal women. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 1316-21	5.2	26
37	Effect of phylloquinone supplementation on biochemical markers of vitamin K status and bone turnover in postmenopausal women. <i>British Journal of Nutrition</i> , 2007 , 97, 373-80	3.6	26
36	High throughput prediction of chylomicron triglycerides in human plasma by nuclear magnetic resonance and chemometrics. <i>Nutrition and Metabolism</i> , 2010 , 7, 43	4.6	25
35	NMR and interval PLS as reliable methods for determination of cholesterol in rodent lipoprotein fractions. <i>Metabolomics</i> , 2010 , 6, 129-136	4.7	25
34	Linseed dietary fibers reduce apparent digestibility of energy and fat and weight gain in growing rats. <i>Nutrients</i> , 2013 , 5, 3287-98	6.7	24
33	Lactobacillus paracasei subsp paracasei L. casei W8 suppresses energy intake acutely. <i>Appetite</i> , 2014 , 82, 111-8	4.5	23
32	A High Rate of Non-Compliance Confounds the Study of Whole Grains and Weight Maintenance in a Randomised Intervention Trial-The Case for Greater Use of Dietary Biomarkers in Nutrition Intervention Studies. <i>Nutrients</i> , 2017 , 9,	6.7	20
31	Whole flaxseeds but not sunflower seeds in rye bread reduce apparent digestibility of fat in healthy volunteers. <i>European Journal of Clinical Nutrition</i> , 2008 , 62, 961-7	5.2	19
30	Whole grain, dietary fiber, and incidence of endometrial cancer in a Danish cohort study. <i>Nutrition and Cancer</i> , 2012 , 64, 1160-8	2.8	18
29	Sensory characteristics and consumer liking of sausages with 10% fat and added rye or wheat bran. <i>Food Science and Nutrition</i> , 2014 , 2, 534-46	3.2	17
28	Short-term effects of replacing milk with cola beverages on insulin-like growth factor-I and insulin-glucose metabolism: a 10 d interventional study in young men. <i>British Journal of Nutrition</i> , 2009 , 102, 1047-51	3.6	17
27	Six weeks phylloquinone supplementation produces undesirable effects on blood lipids with no changes in inflammatory and fibrinolytic markers in postmenopausal women. <i>European Journal of Nutrition</i> , 2008 , 47, 375-9	5.2	16
26	Intake and sources of gluten in 20- to 75-year-old Danish adults: a national dietary survey. <i>European Journal of Nutrition</i> , 2017 , 56, 107-117		15
25	Plasma enterolactone and incidence of endometrial cancer in a case-cohort study of Danish women. <i>British Journal of Nutrition</i> , 2013 , 109, 2269-75	3.6	15
24	Effects on satiation, satiety and food intake of wholegrain and refined grain pasta. <i>Appetite</i> , 2016 , 107, 152-158	4.5	14
23	Effect of plant cultivation methods on content of major and trace elements in foodstuffs and retention in rats. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 2161-2172	4.3	14
22	The effect of Lactobacillus paracasei subsp. paracasei L. casei W8 on blood levels of triacylglycerol is independent of colonisation. <i>Beneficial Microbes</i> , 2015 , 6, 263-9	4.9	13
21	Plasma Alkylresorcinols Reflect Gluten Intake and Distinguish between Gluten-Rich and Gluten-Poor Diets in a Population at Risk of Metabolic Syndrome. <i>Journal of Nutrition</i> , 2016 , 146, 1991-1998	4.7	13

20	Can alginate-based preloads increase weight loss beyond calorie restriction? A pilot study in obese individuals. <i>Appetite</i> , 2011 , 57, 601-4	4.5	12
19	Microbial fermentation of flaxseed fibers modulates the transcriptome of GPR41-expressing enteroendocrine cells and protects mice against diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E453-E463	6	12
18	Appetite and food intake after consumption of sausages with 10% fat and added wheat or rye bran. <i>Appetite</i> , 2014 , 73, 205-11	4.5	11
17	Relative validity and reproducibility of a food frequency questionnaire to assess dietary fiber intake in Danish adults. <i>Food and Nutrition Research</i> , 2014 , 58, 24723	3.1	11
16	New insights from a β -glucan human intervention study using NMR metabolomics. <i>Food Research International</i> , 2014 , 63, 210-217	7	10
15	Four weeks supplementation with <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> L. casei W8 \square shows modest effect on triacylglycerol in young healthy adults. <i>Beneficial Microbes</i> , 2015 , 6, 29-39	4.9	10
14	Identification of weak and gender specific effects in a short 3 \square weeks intervention study using barley and oat mixed linkage β -glucan dietary supplements: a human fecal metabolome study by GC-MS. <i>Metabolomics</i> , 2017 , 13, 108	4.7	9
13	Whole-grain pasta reduces appetite and meal-induced thermogenesis acutely: a pilot study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 277-83	3	7
12	Sagittal abdominal diameter and waist circumference appear to be equally good as identifiers of cardiometabolic risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 518-527	4.5	7
11	Supplementation with dairy calcium and/or flaxseed fibers in conjunction with orlistat augments fecal fat excretion without altering ratings of gastrointestinal comfort. <i>Nutrition and Metabolism</i> , 2017 , 14, 13	4.6	4
10	Human Blood Lipoprotein Predictions from ^1H NMR Spectra: Protocol, Model Performances, and Cage of Covariance.. <i>Analytical Chemistry</i> , 2021 ,	7.8	3
9	Data integration for prediction of weight loss in randomized controlled dietary trials. <i>Scientific Reports</i> , 2020 , 10, 20103	4.9	2
8	Super-complex mixtures of aliphatic- and aromatic acids may be common degradation products after marine oil spills: A lab-study of microbial oil degradation in a warm, pre-exposed marine environment. <i>Environmental Pollution</i> , 2021 , 285, 117264	9.3	2
7	Higher intake of fish and fat is associated with lower plasma s-adenosylhomocysteine: a cross-sectional study. <i>Nutrition Research</i> , 2017 , 46, 78-87	4	1
6	The intestinal microbiome is a co-determinant of the postprandial plasma glucose response. <i>PLoS ONE</i> , 2020 , 15, e0238648	3.7	1
5	Human blood lipoprotein predictions from ^1H NMR spectra: protocol, model performances and cage of covariance		1
4	Reply to RB Yarandi. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1233-1234	7	0
3	Oat and Barley β -Glucans Induce Satiety and Reduce Energy Intake - a Study on Acute and Longer-term Effects. <i>FASEB Journal</i> , 2013 , 27, 858.9	0.9	

2 Whole Grains and Appetite **2021**, 241-274

1 Authors' Reply to Kahn's comment. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 1940-1941