

Mette Kristensen

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,140
citations

117453

34
h-index

114278

63
g-index

73
all docs

73
docs citations

73
times ranked

6083
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 724-739.	3.1	351
2	Colonic transit time is related to bacterial metabolism and mucosal turnover in the gut. <i>Nature Microbiology</i> , 2016, 1, 16093.	5.9	321
3	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.	6.1	278
4	Dietary fibres in the regulation of appetite and food intake. Importance of viscosity. <i>Appetite</i> , 2011, 56, 65-70.	1.8	237
5	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, 556-572.	2.2	179
6	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, 872-884.	2.2	167
7	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, 710-716.	1.3	148
8	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018, 9, 4630.	5.8	124
9	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.	1.3	121
10	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, 984-991.	2.2	112
11	Functionality of myofibrillar proteins as affected by pH, ionic strength and heat treatment – a low-field NMR study. <i>Meat Science</i> , 2004, 68, 249-256.	2.7	104
12	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, 163-169.	1.8	101
13	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.	2.2	89
14	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.	1.3	86
15	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, 2830-2839.	2.4	84
16	Cereal grains for nutrition and health benefits: Overview of results from inÂvitro, animal and human studies in the HEALTHGRAIN project. <i>Trends in Food Science and Technology</i> , 2012, 25, 87-100.	7.8	73
17	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.	1.3	70
18	Recommendations for reporting whole-grain intake in observational and intervention studies. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 903-907.	2.2	69

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19	Flaxseed dietary fibers suppress postprandial lipemia and appetite sensation in young men. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 136-143.	1.1	67
20	Does Oxidation Affect the Water Functionality of Myofibrillar Proteins?. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2342-2348.	2.4	62
21	Flaxseed dietary fiber supplements for suppression of appetite and food intake. <i>Appetite</i> , 2012, 58, 490-495.	1.8	59
22	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.	2.2	58
23	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.	1.3	55
24	Can bioactive foods affect obesity?. <i>Annals of the New York Academy of Sciences</i> , 2010, 1190, 25-41.	1.8	54
25	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, 1803-1808.	1.3	52
26	LC-MS metabolomics top-down approach reveals new exposure and effect biomarkers of apple and apple-pectin intake. <i>Metabolomics</i> , 2012, 8, 64-73.	1.4	51
27	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, 129-144.	3.1	49
28	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.	2.2	48
29	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.	1.3	46
30	Toward Reliable Lipoprotein Particle Predictions from NMR Spectra of Human Blood: An Interlaboratory Ring Test. <i>Analytical Chemistry</i> , 2017, 89, 8004-8012.	3.2	46
31	Acute Effect of Alginate-Based Preload on Satiety Feelings, Energy Intake, and Gastric Emptying Rate in Healthy Subjects. <i>Obesity</i> , 2012, 20, 1851-1858.	1.5	45
32	Second meal effect on appetite and fermentation of wholegrain rye foods. <i>Appetite</i> , 2014, 80, 248-256.	1.8	41
33	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, 1053-1058.	1.3	37
34	Functionality of alginate based supplements for application in human appetite regulation. <i>Food Chemistry</i> , 2012, 132, 823-829.	4.2	37
35	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, 1316-1321.	1.3	37
36	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, 373-380.	1.2	33

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37	Extracted Oat and Barley β -Glucans Do Not Affect Cholesterol Metabolism in Young Healthy Adults. <i>Journal of Nutrition</i> , 2013, 143, 1579-1585.	1.3	32
38	High throughput prediction of chylomicron triglycerides in human plasma by nuclear magnetic resonance and chemometrics. <i>Nutrition and Metabolism</i> , 2010, 7, 43.	1.3	31
39	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.	1.8	29
40	Linseed Dietary Fibers Reduce Apparent Digestibility of Energy and Fat and Weight Gain in Growing Rats. <i>Nutrients</i> , 2013, 5, 3287-3298.	1.7	28
41	<i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> L. casei W8 suppresses energy intake acutely. <i>Appetite</i> , 2014, 82, 111-118.	1.8	26
42	NMR and interval PLS as reliable methods for determination of cholesterol in rodent lipoprotein fractions. <i>Metabolomics</i> , 2010, 6, 129-136.	1.4	25
43	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, 961-967.	1.3	24
44	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, 375-379.	1.8	23
45	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, 55.	1.7	23
46	Sensory characteristics and consumer liking of sausages with 10% fat and added rye or wheat bran. <i>Food Science and Nutrition</i> , 2014, 2, 534-546.	1.5	21
47	Whole Grain, Dietary Fiber, and Incidence of Endometrial Cancer in a Danish Cohort Study. <i>Nutrition and Cancer</i> , 2012, 64, 1160-1168.	0.9	19
48	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.	4.6	19
49	Plasma enterolactone and incidence of endometrial cancer in a case-cohort study of Danish women. <i>British Journal of Nutrition</i> , 2013, 109, 2269-2275.	1.2	18
50	Effects on satiation, satiety and food intake of wholegrain and refined grain pasta. <i>Appetite</i> , 2016, 107, 152-158.	1.8	18
51	Short-term effects of replacing milk with cola beverages on insulin-like growth factor-I and insulin-glucose metabolism: a 10-week interventional study in young men. <i>British Journal of Nutrition</i> , 2009, 102, 1047-1051.	1.2	17
52	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.	1.7	16
53	The effect of <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> L. casei W8 [®] on blood levels of triacylglycerol is independent of colonisation. <i>Beneficial Microbes</i> , 2015, 6, 263-269.	1.0	16
54	Can alginate-based preloads increase weight loss beyond calorie restriction? A pilot study in obese individuals. <i>Appetite</i> , 2011, 57, 601-604.	1.8	15

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55	Appetite and food intake after consumption of sausages with 10% fat and added wheat or rye bran. <i>Appetite</i> , 2014, 73, 205-211.	1.8	14
56	Identification of weak and gender specific effects in a short 3 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.	1.4	14
57	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.	1.2	13
58	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.	1.3	13
59	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.	3.7	12
60	Four weeks supplementation with <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> L. casei W8 ^Å shows modest effect on triacylglycerol in young healthy adults. <i>Beneficial Microbes</i> , 2015, 6, 29-39.	1.0	11
61	New insights from a β -glucan human intervention study using NMR metabolomics. <i>Food Research International</i> , 2014, 63, 210-217.	2.9	10
62	Data integration for prediction of weight loss in randomized controlled dietary trials. <i>Scientific Reports</i> , 2020, 10, 20103.	1.6	10
63	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.	1.1	10
64	The intestinal microbiome is a co-determinant of the postprandial plasma glucose response. <i>PLoS ONE</i> , 2020, 15, e0238648.	1.1	9
65	Human Blood Lipoprotein Predictions from ¹ H NMR Spectra: Protocol, Model Performances, and Cage of Covariance. <i>Analytical Chemistry</i> , 2022, 94, 628-636.	3.2	9
66	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.	1.3	8
67	Whole-grain pasta reduces appetite and meal-induced thermogenesis acutely: a pilot study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 277-283.	0.9	7
68	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.	1.3	4
69	Reply to RB Yarandi. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1233.	2.2	1
70	Authors' reply to Kahn's comment. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1940-1941.	1.1	0
71	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.	0.2	0