

Jette Jakobsen

List of Publications by Year in Descending Order

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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.

59
papers

1,570
citations

23
h-index

38
g-index

61
ext. papers

1,862
ext. citations

5.3
avg. IF

4.98
L-index

#	Paper	IF	Citations
59	bioaccessibility of vitamin K (phylloquinone and menaquinones) in food and supplements assessed by INFOGEST 2.0 - vit K.. <i>Current Research in Food Science</i> , 2022 , 5, 306-312	5.6	1
58	Nutrient content in plant-based protein products intended for food composition databases. <i>Journal of Food Composition and Analysis</i> , 2022 , 106, 104332	4.1	4
57	Bio-Fortified Pork Cracklings with UVB LED Tailored Content of Vitamin D.. <i>Foods</i> , 2022 , 11,	4.9	1
56	Vitamin K (phylloquinone and menaquinones) in foods - Cost-effective quantification by LC-ESI-MS/MS.. <i>Food Chemistry</i> , 2022 , 385, 132672	8.5	1
55	Fatty acids, carotenoids, and tocopherols from microalgae: targeting the accumulation by manipulating the light during growth. <i>Journal of Applied Phycology</i> , 2021 , 33, 2783-2793	3.2	1
54	Vitamin K (phylloquinone and menaquinones) in foods - Optimisation of extraction, clean-up and LC-ESI-MS/MS method for quantification. <i>Food Chemistry</i> , 2021 , 345, 128835	8.5	6
53	Quantification of vitamin D and 25-hydroxyvitamin D in food - The impact of eluent additives and labelled internal standards on matrix effects in LC-MS/MS analysis. <i>Food Chemistry</i> , 2021 , 357, 129588	8.5	2
52	UVB exposure stimulates production of vitamin D3 in selected microalgae. <i>Algal Research</i> , 2021 , 59, 102472		1
51	Natural Vitamin D in Food: To What Degree Does 25-Hydroxyvitamin D Contribute to the Vitamin D Activity in Food?. <i>JBMR Plus</i> , 2021 , 5, e10453	3.9	3
50	Naturally enhanced eggs as a source of vitamin D: A review. <i>Trends in Food Science and Technology</i> , 2020 , 102, 62-70	15.3	10
49	Effect of UVB light on vitamin D status in piglets and sows. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 200, 105637	5.1	2
48	Microalgae <i>Nannochloropsis oceanica</i> as a future new natural source of vitamin D. <i>Food Chemistry</i> , 2020 , 320, 126627	8.5	27
47	Encapsulation of L-5-methyltetrahydrofolate by electrospraying for food applications. <i>Journal of Food Engineering</i> , 2020 , 277, 109901	6	3
46	Collaborative study: Quantification of total folate in food using an efficient single-enzyme extraction combined with LC-MS/MS. <i>Food Chemistry</i> , 2020 , 333, 127447	8.5	1
45	Causes of Vitamin K Deficiency in Patients on Haemodialysis. <i>Nutrients</i> , 2020 , 12,	6.7	2
44	Is high oily fish intake achievable and how does it affect nutrient status in 8-9-year-old children?: the FiSK Junior trial. <i>European Journal of Nutrition</i> , 2020 , 59, 1205-1218	5.2	7
43	Vitamin D-fortified foods improve wintertime vitamin D status in women of Danish and Pakistani origin living in Denmark: a randomized controlled trial. <i>European Journal of Nutrition</i> , 2020 , 59, 741-753	5.2	12

42	Quantification of folate in food using deconjugase of plant origin combined with LC-MS/MS: A method comparison of a large and diverse sample set. <i>Food Chemistry</i> , 2020 , 305, 125450	8.5	10
41	Challenges to Quantify Total Vitamin Activity: How to Combine the Contribution of Diverse Vitamers?. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz086	0.4	9
40	Vitamin D in Wild and Farmed Atlantic Salmon ()-What Do We Know?. <i>Nutrients</i> , 2019 , 11,	6.7	14
39	The use of a plant enzyme for rapid and sensitive analysis of naturally-occurring folates in food by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1594, 34-44	4.5	6
38	Vitamin D enhanced pork from pigs exposed to artificial UVB light in indoor facilities. <i>European Food Research and Technology</i> , 2019 , 245, 411-418	3.4	16
37	Vitamin D-biofortified beef: A comparison of cholecalciferol with synthetic versus UVB-mushroom-derived ergosterol as feed source. <i>Food Chemistry</i> , 2018 , 256, 18-24	8.5	15
36	Stability of vitamin D and vitamin D in oil, fish and mushrooms after household cooking. <i>Food Chemistry</i> , 2018 , 254, 144-149	8.5	21
35	The use of synthetic and natural vitamin D sources in pig diets to improve meat quality and vitamin D content. <i>Meat Science</i> , 2018 , 143, 60-68	6.4	24
34	Vitamin D Status and Muscle Function Among Adolescent and Young Swimmers. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017 , 27, 399-407	4.4	10
33	Farmed Salmon and Farmed Rainbow Trout - Excellent Sources of Vitamin D?. <i>Fisheries and Aquaculture Journal</i> , 2017 , 08,		7
32	Vitamin D Vitamers Affect Vitamin D Status Differently in Young Healthy Males. <i>Nutrients</i> , 2017 , 10,	6.7	11
31	Vitamin D Stored in Fat Tissue During a 5-Year Intervention Affects Serum 25-Hydroxyvitamin D Levels the Following Year. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3731-3738	5.6	35
30	Investigation of the effect of UV-LED exposure conditions on the production of vitamin D in pig skin. <i>Food Chemistry</i> , 2016 , 212, 386-91	8.5	20
29	Impact on Vitamin D2, Vitamin D4 and Agaritine in Agaricus bisporus Mushrooms after Artificial and Natural Solar UV Light Exposure. <i>Plant Foods for Human Nutrition</i> , 2016 , 71, 314-21	3.9	26
28	Analysis of vitamin K1 in fruits and vegetables using accelerated solvent extraction and liquid chromatography tandem mass spectrometry with atmospheric pressure chemical ionization. <i>Food Chemistry</i> , 2016 , 192, 402-8	8.5	19
27	Effects of vitamin D2-fortified bread v. supplementation with vitamin D2 or D3 on serum 25-hydroxyvitamin D metabolites: an 8-week randomised-controlled trial in young adult Finnish women. <i>British Journal of Nutrition</i> , 2016 , 115, 1232-9	3.6	53
26	Vitamin D3 and 25-hydroxyvitamin D3 in pork and their relationship to vitamin D status in pigs. <i>Journal of Nutritional Science</i> , 2016 , 5, e3	2.7	29
25	Interlaboratory Trial for Measurement of Vitamin D and 25-Hydroxyvitamin D [25(OH)D] in Foods and a Dietary Supplement Using Liquid Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 3167-75	5.7	22

24	Vitamin D-enhanced eggs are protective of wintertime serum 25-hydroxyvitamin D in a randomized controlled trial of adults. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 629-37	7	38
23	Tissue content of vitamin D3 and 25-hydroxy vitamin D3 in minipigs after cutaneous synthesis, supplementation and deprivation of vitamin D3. <i>Steroids</i> , 2015 , 98, 72-9	2.8	18
22	Short communication: artificial ultraviolet B light exposure increases vitamin D levels in cow plasma and milk. <i>Journal of Dairy Science</i> , 2015 , 98, 6492-8	4	18
21	Stability of vitamin D in foodstuffs during cooking. <i>Food Chemistry</i> , 2014 , 148, 170-5	8.5	68
20	Altered vitamin D status in liver tissue and blood plasma from Greenland sledge dogs (<i>Canis familiaris</i>) dietary exposed to organohalogen contaminated minke whale (<i>Balaenoptera acuterostrata</i>) blubber. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 104, 403-8	7	11
19	Simultaneous quantification of vitamin D α 25-hydroxyvitamin D α and 24,25-dihydroxyvitamin D α in human serum by LC-MS/MS. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014 , 74, 418-23	2.3	24
18	Quantification of physiological levels of vitamin D α and 25-hydroxyvitamin D α in porcine fat and liver in subgram sample sizes. <i>Journal of Separation Science</i> , 2014 , 37, 2659-63	3.4	23
17	Vitamin D binding protein genotype is associated with serum 25-hydroxyvitamin D and PTH concentrations, as well as bone health in children and adolescents in Finland. <i>PLoS ONE</i> , 2014 , 9, e87292 ³⁻⁷	3.7	31
16	Quantification of vitamin D3 and its hydroxylated metabolites in waxy leaf nightshade (<i>Solanum glaucophyllum</i> Desf.), tomato (<i>Solanum lycopersicum</i> L.) and bell pepper (<i>Capsicum annum</i> L.). <i>Food Chemistry</i> , 2013 , 138, 1206-11	8.5	17
15	Randomized controlled trial of the effects of vitamin D fortified milk and bread on serum 25-hydroxyvitamin D concentrations in families in Denmark during winter: the VitmaD study. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 374-82	7	71
14	Vitamin D in plants: a review of occurrence, analysis, and biosynthesis. <i>Frontiers in Plant Science</i> , 2013 , 4, 136	6.2	127
13	Increase of vitamin D(2) by UV-B exposure during the growth phase of white button mushroom (<i>Agaricus bisporus</i>). <i>Food and Nutrition Research</i> , 2012 , 56,	3.1	26
12	Seasonal variation of provitamin D2 and vitamin D2 in perennial ryegrass (<i>Lolium perenne</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 10907-12	5.7	22
11	Estimation of the dietary requirement for vitamin D in healthy adolescent white girls. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 549-55	7	48
10	Vitamin D metabolites in bovine milk and butter. <i>Journal of Food Composition and Analysis</i> , 2009 , 22, 472-478	4.1	56
9	Vitamin D status assessed by a validated HPLC method: within and between variation in subjects supplemented with vitamin D3. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 190-7	2	19
8	25-hydroxyvitamin D3 affects vitamin D status similar to vitamin D3 in pigs--but the meat produced has a lower content of vitamin D. <i>British Journal of Nutrition</i> , 2007 , 98, 908-13	3.6	74
7	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

6	How much vitamin D3 do the elderly need?. <i>Journal of the American College of Nutrition</i> , 2006 , 25, 429-35	5.5	55
5	Bread fortified with cholecalciferol increases the serum 25-hydroxyvitamin D concentration in women as effectively as a cholecalciferol supplement. <i>Journal of Nutrition</i> , 2006 , 136, 123-7	4.1	102
4	A new method for the determination of vitamin D3 and 25-hydroxyvitamin D3 in meat. <i>Journal of Food Composition and Analysis</i> , 2004 , 17, 777-787	4.1	56
3	The effect of a high-protein, high-sodium diet on calcium and bone metabolism in postmenopausal women and its interaction with vitamin D receptor genotype. <i>British Journal of Nutrition</i> , 2004 , 91, 41-51	3.6	27
2	Food contents and biological activity of 25-hydroxyvitamin D: a vitamin D metabolite to be reckoned with?. <i>Annals of Nutrition and Metabolism</i> , 2003 , 47, 107-13	4.5	138
1	Vitamin D3 and 25-hydroxyvitamin D3 in raw and cooked pork cuts. <i>Journal of Food Composition and Analysis</i> , 2003 , 16, 575-585	4.1	43