

# Jens Christian SÃ¸rensen

## List of Publications by Year in descending order

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28  
papers

846  
citations

471509

17  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

995  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Faba Bean Protein Ingredients Produced Using Dry Fractionation and Isoelectric Precipitation: Techno-Functional, Nutritional and Environmental Performance. <i>Foods</i> , 2020, 9, 322.	4.3	116
2	Effects of Intact Glucosinolates and Products Produced from Glucosinolates in Myrosinase-Catalyzed Hydrolysis on the Potato Cyst Nematode ( <i>Globodera rostochiensis</i> Cv. Woll). <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 690-695.	5.2	108
3	Influence of pressure/temperature treatments on glucosinolate conversion in broccoli ( <i>Brassica Tj</i> ETQq1 1 0.784314 rgBT /Overlock	8.2	88
4	Supercritical fluid chromatography as a method of analysis for the determination of 4-hydroxybenzylglucosinolate degradation products. <i>Journal of Proteomics</i> , 2000, 43, 157-174.	2.4	53
5	The impact of newly produced protein and dietary fiber rich fractions of yellow pea ( <i>Pisum sativum</i> L.) on the structure and mechanical properties of pasta-like sheets. <i>Food Research International</i> , 2018, 106, 607-618.	6.2	46
6	DEGRADATION KINETICS OF GLUCOSINOLATES IN SOIL. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2038.	4.3	44
7	Genetic Variation and Metabolism of Glucosinolates. <i>Advances in Botanical Research</i> , 2007, 45, 369-415.	1.1	41
8	Determination of vitamins in food based on supercritical fluid extraction prior to micellar electrokinetic capillary chromatographic analyses of individual vitamins. <i>Journal of Chromatography A</i> , 1998, 802, 233-241.	3.7	40
9	Determination of Ascorbigens in Autolysates of Various Brassica Species Using Supercritical Fluid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 2693-2701.	5.2	35
10	Metabolic effects in rapeseed ( <i>Brassica napus</i> L.) seedlings after root exposure to glyphosate. <i>Pesticide Biochemistry and Physiology</i> , 2007, 89, 220-229.	3.6	32
11	Nutritional and anti-nutritional properties of lentil ( <i>Lens culinaris</i> ) protein isolates prepared by pilot-scale processing. <i>Food Chemistry: X</i> , 2021, 9, 100112.	4.3	32
12	Ingestion of Broccoli Sprouts Does Not Improve Endothelial Function in Humans with Hypertension. <i>PLoS ONE</i> , 2010, 5, e12461.	2.5	29
13	A fast and gentle method for the isolation of myrosinase complexes from Brassicaceous seeds. <i>Journal of Proteomics</i> , 2008, 70, 918-925.	2.4	25
14	Host plant-dependent metabolism of 4-hydroxybenzylglucosinolate in <i>Pieris rapae</i> : Substrate specificity and effects of genetic modification and plant nitrile hydratase. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1119-1130.	2.7	24
15	In Vitro Digestibility of Rapeseed and Bovine Whey Protein Mixtures. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 711-719.	5.2	23
16	Improved in vitro digestibility of rapeseed napin proteins in mixtures with bovine beta-lactoglobulin. <i>Food Research International</i> , 2019, 123, 346-354.	6.2	23
17	Bioavailability and in vivo metabolism of intact glucosinolates. <i>Journal of Functional Foods</i> , 2016, 24, 450-460.	3.4	20
18	Inheritance of progoitrin and total aliphatic glucosinolates in oilseed rape ( <i>Brassica napus</i> L.). <i>Euphytica</i> , 2003, 134, 179-187.	1.2	15

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19	Determination of shikimate in crude plant extracts by micellar electrokinetic capillary chromatography. <i>Journal of Chromatography A</i> , 2006, 1130, 253-258.	3.7	14
20	Micellar electrokinetic capillary chromatography of thiocarbamoyl derivatives produced in reactions between isothiocyanates and amino acids. <i>Journal of Chromatography A</i> , 1999, 836, 115-127.	3.7	12
21	Solubility of a cruciferin-rich protein product purified from rapeseed pressed cake ( <i>Brassica</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 2017, 52, 1653-1659.	2.7	9
22	Food, Nutrition, and Health in Denmark (Including Greenland and Faroe Islands). , 2018, , 99-125.		5
23	Optimization of hapten-protein conjugation by high-performance capillary electrophoresis. <i>Journal of Chromatography A</i> , 1995, 717, 75-81.	3.7	3
24	Activity-guided separation of <i>Chromolaena odorata</i> leaf extract reveals fractions with rice disease-reducing properties. <i>European Journal of Plant Pathology</i> , 2015, 143, 331-341.	1.7	3
25	Piglet performance and physiological effects linked to reduced glucosinolate transformations in feed products based on rapeseed pressed cakes. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 822-835.	2.2	2
26	Glutamine as an Ammonia Donor in Catabolism of the Glucosinolate, Sinalbin, in Biosynthesis of 4-Hydroxybenzylamine. <i>Journal of Natural Products</i> , 2020, 83, 179-184.	3.0	2
27	University-Industry Relationships in the Bioeconomy Innovation System of Denmark. <i>Economic Complexity and Evolution</i> , 2017, , 161-175.	0.1	1
28	Targeted inactivation of soybean proteinase inhibitors using zinc. <i>Food Chemistry</i> , 2021, 349, 129049.	8.2	1