

Thomas H Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,310
citations

430442

18
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

3239
citing authors

#	ARTICLE	IF	CITATIONS
1	Unravelling the interactions between nano-hydroxyapatite and the roots of phosphorus deficient barley plants. <i>Environmental Science: Nano</i> , 2021, 8, 444-459.	2.2	19
2	Towards single-cell ionomics: a novel micro-scaled method for multi-element analysis of nanogram-sized biological samples. <i>Plant Methods</i> , 2020, 16, 31.	1.9	10
3	Comparative Metabolomics and Molecular Phylogenetics of Melon (<i>Cucumis melo</i> , Cucurbitaceae) Biodiversity. <i>Metabolites</i> , 2020, 10, 121.	1.3	35
4	Chemical characterization by gas chromatography-mass spectrometry and inductively coupled plasma-optical emission spectroscopy of membrane permeates from an industrial dairy ingredient production used as process water. <i>Journal of Dairy Science</i> , 2018, 101, 135-146.	1.4	11
5	Low perinatal zinc status is not associated with the risk of type 1 diabetes in children. <i>Pediatric Diabetes</i> , 2017, 18, 637-642.	1.2	9
6	High Neonatal Blood Iron Content Is Associated with the Risk of Childhood Type 1 Diabetes Mellitus. <i>Nutrients</i> , 2017, 9, 1221.	1.7	13
7	Mother-plant-mediated pumping of zinc into the developing seed. <i>Nature Plants</i> , 2016, 2, 16036.	4.7	62
8	Does intake of trace elements through urban gardening in Copenhagen pose a risk to human health?. <i>Environmental Pollution</i> , 2015, 202, 17-23.	3.7	59
9	Expression, Receptor Binding, and Biophysical Characterization of Guinea Pig Insulin desB30: A Monomeric Insulin Variant. <i>ChemBioChem</i> , 2015, 16, 954-958.	1.3	2
10	Being two is better than one—catalytic reductions with dendrimer encapsulated copper- and copper-cobalt-subnanoparticles. <i>Chemical Communications</i> , 2015, 51, 9957-9960.	2.2	10
11	Silicon alleviates iron deficiency in cucumber by promoting mobilization of iron in the root apoplast. <i>New Phytologist</i> , 2013, 198, 1096-1107.	3.5	185
12	Metabolomic and elemental profiling of melon fruit quality as affected by genotype and environment. <i>Metabolomics</i> , 2013, 9, 57-77.	1.4	74
13	Elevated Nicotianamine Levels in <i>Arabidopsis halleri</i> Roots Play a Key Role in Zinc Hyperaccumulation. <i>Plant Cell</i> , 2012, 24, 708-723.	3.1	209
14	Losses of essential mineral nutrients by polishing of rice differ among genotypes due to contrasting grain hardness and mineral distribution. <i>Journal of Cereal Science</i> , 2012, 56, 307-315.	1.8	59
15	The phytochelatin transporters AtABCC1 and AtABCC2 mediate tolerance to cadmium and mercury. <i>Plant Journal</i> , 2012, 69, 278-288.	2.8	506
16	Megapixel imaging of (micro)nutrients in mature barley grains. <i>Journal of Experimental Botany</i> , 2011, 62, 273-282.	2.4	134
17	Review: The role of atomic spectrometry in plant science. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 52-79.	1.6	65
18	Bioavailable zinc in rice seeds is increased by activation tagging of <i>nicotianamine synthase</i> . <i>Plant Biotechnology Journal</i> , 2011, 9, 865-873.	4.1	168

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19	Extensive metabolic cross-talk in melon fruit revealed by spatial and developmental combinatorial metabolomics. <i>New Phytologist</i> , 2011, 190, 683-696.	3.5	111
20	Micro-scaled high-throughput digestion of plant tissue samples for multi-elemental analysis. <i>Plant Methods</i> , 2009, 5, 12.	1.9	114
21	Simultaneous iron, zinc, sulfur and phosphorus speciation analysis of barley grain tissues using SEC-ICP-MS and IP-ICP-MS. <i>Metallomics</i> , 2009, 1, 418.	1.0	151
22	Potato glycoalkaloids in soil-optimising liquid chromatography–time-of-flight mass spectrometry for quantitative studies. <i>Journal of Chromatography A</i> , 2008, 1182, 65-71.	1.8	13
23	Synthesis of functionalized de novo designed 8–16 kDa model proteins towards metal ion-binding and esterase activity. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2225-2233.	1.5	15
24	Multi-elemental speciation analysis of barley genotypes differing in tolerance to cadmium toxicity using SEC-ICP-MS and ESI-TOF-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 996.	1.6	38
25	Rational design and synthesis of new quorum-sensing inhibitors derived from acylated homoserine lactones and natural products from garlic. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 253-262.	1.5	201
26	Synthesis and Evaluation of Double-Prodrugs against HIV. Conjugation of D4T with 6-Benzyl-1-(ethoxymethyl)-5-isopropyluracil (MKC-442, Emivirine)-Type Reverse Transcriptase Inhibitors via the SATE Prodrug Approach. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1211-1220.	2.9	22
27	Synthesis of New MKC-442 Analogues Containing Alkenyl Chains or Reactive Functionalities at C-5. <i>Monatshefte für Chemie</i> , 2002, 133, 1031-1043.	0.9	15