

# Kåre Lehmann L Nielsen

## List of Publications by Year in descending order

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30  
papers

1,768  
citations

430874

18  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Speed dating for enzymes! Finding the perfect phosphopantetheinyl transferase partner for your polyketide synthase. <i>Microbial Cell Factories</i> , 2022, 21, 9.	4.0	2
2	Heterologous Expression of the Core Genes in the Complex Fusarubin Gene Cluster of <i>Fusarium Solani</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7601.	4.1	11
3	Extreme genetic signatures of local adaptation during <i>Lotus japonicus</i> colonization of Japan. <i>Nature Communications</i> , 2020, 11, 253.	12.8	30
4	Effect of wet storage conditions on potato tuber transcriptome, phytohormones and growth. <i>BMC Plant Biology</i> , 2019, 19, 262.	3.6	11
5	Genomic variation predicts adaptive evolutionary responses better than population bottleneck history. <i>PLoS Genetics</i> , 2019, 15, e1008205.	3.5	55
6	<i>Verticillium dahliae</i> Disease Resistance and the Regulatory Pathway for Maturity and Tuberization in Potato. <i>Plant Genome</i> , 2018, 11, 170040.	2.8	5
7	The Value of Expanding the Training Population to Improve Genomic Selection Models in Tetraploid Potato. <i>Frontiers in Plant Science</i> , 2018, 9, 1118.	3.6	29
8	Chrysogine Biosynthesis Is Mediated by a Two-Module Nonribosomal Peptide Synthetase. <i>Journal of Natural Products</i> , 2017, 80, 2131-2135.	3.0	37
9	Next Generation Sequencing Bulk Segregant Analysis of Potato Support that Differential Flux into the Cholesterol and Stigmasterol Metabolite Pools Is Important for Steroidal Glycoalkaloid Content. <i>Potato Research</i> , 2016, 59, 81-97.	2.7	32
10	In vivo gene expression in a <i>Staphylococcus aureus</i> prosthetic joint infection characterized by RNA sequencing and metabolomics: a pilot study. <i>BMC Microbiology</i> , 2016, 16, 80.	3.3	44
11	Screening for intrinsic water use efficiency in a potato dihaploid mapping population under progressive drought conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 400-411.	0.6	5
12	Cytosolic glutamine synthetase is important for photosynthetic efficiency and water use efficiency in potato as revealed by high-throughput sequencing QTL analysis. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2143-2153.	3.6	18
13	Gas-exchange, water use efficiency and yield responses of elite potato ( <i>Solanum tuberosum</i> L.) cultivars to changes in atmospheric carbon dioxide concentration, temperature and relative humidity. <i>Agricultural and Forest Meteorology</i> , 2014, 187, 36-45.	4.8	47
14	Physiological factors affecting intrinsic water use efficiency of potato clones within a dihaploid mapping population under well-watered and drought-stressed conditions. <i>Scientia Horticulturae</i> , 2014, 178, 61-69.	3.6	8
15	A metabolic model for members of the genus <i>Tetrasphaera</i> involved in enhanced biological phosphorus removal. <i>ISME Journal</i> , 2013, 7, 543-554.	9.8	188
16	Catalase and <i>NO CATALASE ACTIVITY1</i> Promote Autophagy-Dependent Cell Death in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 4616-4626.	6.6	101
17	A metagenome of a full-scale microbial community carrying out enhanced biological phosphorus removal. <i>ISME Journal</i> , 2012, 6, 1094-1106.	9.8	218
18	A model system for assessing and comparing the ability of exon microarray and tag sequencing to detect genes specific for malignant B-cells. <i>BMC Genomics</i> , 2012, 13, 596.	2.8	1

#	ARTICLE	IF	CITATIONS
19	The role of membrane properties in Mistic folding and dimerisation. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 89-97.	2.1	9
20	SHOREmap: simultaneous mapping and mutation identification by deep sequencing. <i>Nature Methods</i> , 2009, 6, 550-551.	19.0	558
21	DeepSAGE. <i>Methods in Molecular Biology</i> , 2008, 387, 81-93.	0.9	10
22	The Hsp60-(p.V98I) Mutation Associated with Hereditary Spastic Paraplegia SPG13 Compromises Chaperonin Function Both in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2008, 283, 15694-15700.	3.4	80
23	\$^prime\$ - and 3 \$^prime\$ -RACE from LongSAGE Tags. <i>Methods in Molecular Biology</i> , 2008, 387, 109-119.	0.9	0
24	Low-Cost-Medium Throughput Sanger Dideoxy Sequencing. <i>Methods in Molecular Biology</i> , 2008, 387, 71-80.	0.9	0
25	aRNA-longSAGE: a new approach to generate SAGE libraries from microdissected cells. <i>Nucleic Acids Research</i> , 2004, 32, e131-e131.	14.5	32
26	Differential Activity and Structure of Highly Similar Peroxidases. Spectroscopic, Crystallographic, and Enzymatic Analyses of Lignifying <i>Arabidopsis thaliana</i> Peroxidase A2 and Horseradish Peroxidase A2,. <i>Biochemistry</i> , 2001, 40, 11013-11021.	2.5	90
27	The potato tuber transcriptome: analysis of 6077 expressed sequence tags. <i>FEBS Letters</i> , 2001, 506, 123-126.	2.8	49
28	Molecular Cloning of Limulusalpha2-Macroglobulin. <i>FEBS Journal</i> , 1996, 242, 822-831.	0.2	75
29	The Primary Structure of Ovomacroglobulin. <i>Annals of the New York Academy of Sciences</i> , 1994, 737, 476-479.	3.8	2
30	Receptor-binding domain of human Î±2-macroglobulin Expression, folding and biochemical characterization of a high-affinity recombinant derivative. <i>FEBS Letters</i> , 1994, 344, 242-246.	2.8	21