

Kåre Lehmann L Nielsen

List of Publications by Year in descending order

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Version: 2024-02-01

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	SHOREmap: simultaneous mapping and mutation identification by deep sequencing. <i>Nature Methods</i> , 2009, 6, 550-551.	19.0	558
2	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
3	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
4	Catalase and NO CATALASE ACTIVITY1 Promote Autophagy-Dependent Cell Death in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 4616-4626.	6.6	101
5	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
6	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
7	Molecular Cloning of Limulus alpha2-Macroglobulin. <i>FEBS Journal</i> , 1996, 242, 822-831.	0.2	75
8	Genomic variation predicts adaptive evolutionary responses better than population bottleneck history. <i>PLoS Genetics</i> , 2019, 15, e1008205.	3.5	55
9	The potato tuber transcriptome: analysis of 6077 expressed sequence tags. <i>FEBS Letters</i> , 2001, 506, 123-126.	2.8	49
10	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
11	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
12	Chrysochrome Biosynthesis Is Mediated by a Two-Module Nonribosomal Peptide Synthetase. <i>Journal of Natural Products</i> , 2017, 80, 2131-2135.	3.0	37
13	aRNA-longSAGE: a new approach to generate SAGE libraries from microdissected cells. <i>Nucleic Acids Research</i> , 2004, 32, e131-e131.	14.5	32
14	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
15	Extreme genetic signatures of local adaptation during <i>Lotus japonicus</i> colonization of Japan. <i>Nature Communications</i> , 2020, 11, 253.	12.8	30
16	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
17	Receptor-binding domain of human α_2 -macroglobulin Expression, folding and biochemical characterization of a high-affinity recombinant derivative. <i>FEBS Letters</i> , 1994, 344, 242-246.	2.8	21
18	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

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19	Effect of wet storage conditions on potato tuber transcriptome, phytohormones and growth. BMC Plant Biology, 2019, 19, 262.	3.6	11
20	Heterologous Expression of the Core Genes in the Complex Fusarubin Gene Cluster of Fusarium Solani. International Journal of Molecular Sciences, 2020, 21, 7601.	4.1	11
21	DeepSAGE. Methods in Molecular Biology, 2008, 387, 81-93.	0.9	10
22	The role of membrane properties in Mistic folding and dimerisation. Protein Engineering, Design and Selection, 2011, 24, 89-97.	2.1	9
23	Physiological factors affecting intrinsic water use efficiency of potato clones within a dihaploid mapping population under well-watered and drought-stressed conditions. Scientia Horticulturae, 2014, 178, 61-69.	3.6	8
24	Screening for intrinsic water use efficiency in a potato dihaploid mapping population under progressive drought conditions. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2015, 65, 400-411.	0.6	5
25	<i>Verticillium dahliae</i> Disease Resistance and the Regulatory Pathway for Maturity and Tuberization in Potato. Plant Genome, 2018, 11, 170040.	2.8	5
26	The Primary Structure of Ovomacroglobulin. Annals of the New York Academy of Sciences, 1994, 737, 476-479.	3.8	2
27	Speed dating for enzymes! Finding the perfect phosphopantetheinyl transferase partner for your polyketide synthase. Microbial Cell Factories, 2022, 21, 9.	4.0	2
28	A model system for assessing and comparing the ability of exon microarray and tag sequencing to detect genes specific for malignant B-cells. BMC Genomics, 2012, 13, 596.	2.8	1
29	5' and 3' RACE from LongSAGE Tags. Methods in Molecular Biology, 2008, 387, 109-119.	0.9	0
30	Low-Cost-Medium Throughput Sanger Dideoxy Sequencing. Methods in Molecular Biology, 2008, 387, 71-80.	0.9	0