

Karsten Liere

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,325
citations

361413

20
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

2257
citing authors

#	ARTICLE	IF	CITATIONS
1	The Core Human Microbiome: Does It Exist and How Can We Find It? A Critical Review of the Concept. <i>Nutrients</i> , 2022, 14, 2872.	4.1	16
2	A photosynthesis operon in the chloroplast genome drives speciation in evening primroses. <i>Plant Cell</i> , 2021, 33, 2583-2601.	6.6	21
3	DNA methylation of the glucocorticoid receptor gene promoter in the placenta is associated with blood pressure regulation in human pregnancy. <i>Journal of Hypertension</i> , 2017, 35, 2276-2286.	0.5	18
4	Identification of a novel aviadenovirus, designated pigeon adenovirus 2 in domestic pigeons (<i>Columba</i>) Tj ETQq0 0,0,rgBT /Overlock 10	2.2	26
5	Draft Genome Sequence of <i>Rheinheimera</i> sp. Strain SA_1 Isolated from Iron Backwash Sludge in Germany. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
6	In vitro promoter recognition by the catalytic subunit of plant phage-type RNA polymerases. <i>Plant Molecular Biology</i> , 2016, 92, 357-369.	3.9	2
7	BaitFisher: A Software Package for Multispecies Target DNA Enrichment Probe Design. <i>Molecular Biology and Evolution</i> , 2016, 33, 1875-1886.	8.9	71
8	Development-Dependent Changes in the Amount and Structural Organization of Plastid DNA. <i>Advances in Photosynthesis and Respiration</i> , 2013, , 215-237.	1.0	15
9	The Primary Transcriptome of Barley Chloroplasts: Numerous Noncoding RNAs and the Dominating Role of the Plastid-Encoded RNA Polymerase $\hat{A} \hat{A}$. <i>Plant Cell</i> , 2012, 24, 123-136.	6.6	186
10	Transcription and Transcription Regulation in Chloroplasts and Mitochondria of Higher Plants. , 2012, , 297-325.		9
11	The transcription machineries of plant mitochondria and chloroplasts: Composition, function, and regulation. <i>Journal of Plant Physiology</i> , 2011, 168, 1345-1360.	3.5	192
12	Reverse protection assay: a tool to analyze transcriptional rates from individual promoters. <i>Plant Methods</i> , 2011, 7, 47.	4.3	6
13	Transcription in Plant Mitochondria. , 2011, , 85-105.		8
14	Measurement of Transcription Rates in <i>Arabidopsis</i> Chloroplasts. <i>Methods in Molecular Biology</i> , 2011, 774, 171-182.	0.9	8
15	Fewer genes than organelles: extremely low and variable gene copy numbers in mitochondria of somatic plant cells. <i>Plant Journal</i> , 2010, 64, 948-959.	5.7	160
16	An organellar maturase associates with multiple group II introns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3245-3250.	7.1	161
17	Cytokinin Stimulates Chloroplast Transcription in Detached Barley Leaves. <i>Plant Physiology</i> , 2008, 148, 1082-1093.	4.8	99
18	<i>Arabidopsis</i> Phage-Type RNA Polymerases: Accurate In Vitro Transcription of Organellar Genes. <i>Plant Cell</i> , 2007, 19, 959-971.	6.6	66

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19	Impaired function of the phage-type RNA polymerase RpoTp in transcription of chloroplast genes is compensated by a second phage-type RNA polymerase. <i>Nucleic Acids Research</i> , 2007, 36, 785-792.	14.5	63
20	Transcription and transcriptional regulation in plastids. <i>Topics in Current Genetics</i> , 2007, , 121-174.	0.7	75
21	From seedling to mature plant: Arabidopsis plastidial genome copy number, RNA accumulation and transcription are differentially regulated during leaf development. <i>Plant Journal</i> , 2007, 50, 710-722.	5.7	164
22	High diversity of plastidial promoters in Arabidopsis thaliana. <i>Molecular Genetics and Genomics</i> , 2007, 277, 725-734.	2.1	75
23	pTAC2, -6, and -12 Are Components of the Transcriptionally Active Plastid Chromosome That Are Required for Plastid Gene Expression. <i>Plant Cell</i> , 2006, 18, 176-197.	6.6	423
24	Redox Regulation and Modification of Proteins Controlling Chloroplast Gene Expression. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 607-618.	5.4	67
25	Overexpression of phage-type RNA polymerase RpoTp in tobacco demonstrates its role in chloroplast transcription by recognizing a distinct promoter type. <i>Nucleic Acids Research</i> , 2004, 32, 1159-1165.	14.5	54
26	Chloroplast p54 Endoribonuclease. <i>Methods in Enzymology</i> , 2001, 342, 420-428.	1.0	3
27	Plastid RNA Polymerases in Higher Plants. , 2001, , 29-49.		9
28	In vitro characterization of the tobacco rpoB promoter reveals a core sequence motif conserved between phage-type plastid and plant mitochondrial promoters. <i>EMBO Journal</i> , 1999, 18, 249-257.	7.8	111
29	Novel in Vitro Transcription Assay Indicates that the ACCD Nep Promoter is Contained in a 19 BP Fragment. , 1999, , 79-84.		5
30	A Transgenic Approach to Characterize the Plastid Transcription Machinery in Higher Plants. , 1999, , 317-323.		1
31	Chloroplast endoribonuclease p54 involved in RNA 3'-end processing is regulated by phosphorylation and redox state. <i>Nucleic Acids Research</i> , 1997, 25, 2403-2408.	14.5	57
32	Identification and characterization of the Arabidopsis thaliana chloroplast DNA region containing the genes psbA, trnH and rps19?. <i>Current Genetics</i> , 1995, 28, 128-130.	1.7	27
33	RNA-binding activity of thematKprotein encoded by the chloroplasttrnkintron from mustard (Sinapis Tj ETQq1 1 0,784314 rgBT /Overl	14.5	77
34	Structure and expression characteristics of the chloroplast DNA region containing the split gene for tRNAGly (UCC) from mustard (Sinapis alba L.). <i>Current Genetics</i> , 1994, 26, 557-563.	1.7	23
35	Transcription of Plastid Genes. , 0, , 184-224.		24