

Anil Day

List of Publications by Year in descending order

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43
papers

1,832
citations

304368

22
h-index

315357

38
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44
all docs

44
docs citations

44
times ranked

1603
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of antibiotic resistance genes from transgenic tobacco plastids. <i>Nature Biotechnology</i> , 2000, 18, 1172-1176.	9.4	220
2	The tobacco plastid <i>accD</i> gene is essential and is required for leaf development. <i>Plant Journal</i> , 2005, 44, 237-244.	2.8	217
3	Deleted forms of plastid DNA in albino plants from cereal anther culture. <i>Current Genetics</i> , 1985, 9, 671-678.	0.8	165
4	The chloroplast transformation toolbox: selectable markers and marker removal. <i>Plant Biotechnology Journal</i> , 2011, 9, 540-553.	4.1	162
5	Stable transformation of petunia plastids. <i>Transgenic Research</i> , 2004, 13, 523-530.	1.3	99
6	Potential Functional Replacement of the Plastidic Acetyl-CoA Carboxylase Subunit (<i>accD</i>) Gene by Recent Transfers to the Nucleus in Some Angiosperm Lineages. <i>Plant Physiology</i> , 2013, 161, 1918-1929.	2.3	95
7	Stable albinism induced without mutagenesis: a model for ribosome-free plastid inheritance. <i>Plant Journal</i> , 1998, 15, 265-271.	2.8	94
8	The <i>Klebsiella pneumoniae</i> nitrogenase Fe protein gene (<i>nifH</i>) functionally substitutes for the <i>chlL</i> gene in <i>Chlamydomonas reinhardtii</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 966-975.	1.0	70
9	Transfer of Plastid DNA to the Nucleus Is Elevated during Male Gametogenesis in Tobacco. <i>Plant Physiology</i> , 2008, 148, 328-336.	2.3	59
10	DNA replication, recombination, and repair in plastids. <i>Topics in Current Genetics</i> , 2007, , 65-119.	0.7	55
11	Isolation of precise plastid deletion mutants by homology-based excision: a resource for site-directed mutagenesis, multi-gene changes and high-throughput plastid transformation. <i>Plant Journal</i> , 2006, 46, 901-909.	2.8	52
12	Binding and Glutathione Conjugation of Porphyrinogens by Plant Glutathione Transferases. <i>Journal of Biological Chemistry</i> , 2008, 283, 20268-20276.	1.6	52
13	<i>Nif</i> gene transfer and expression in chloroplasts: Prospects and problems. <i>Plant and Soil</i> , 1997, 194, 193-203.	1.8	46
14	Differential regulation of genes transcribed by nucleus-encoded plastid RNA polymerase, and DNA amplification, within ribosome-deficient plastids in stable phenocopies of cereal albino mutants. <i>Molecular Genetics and Genomics</i> , 2002, 267, 27-37.	1.0	42
15	A 125 kDa RNase E/G-like protein is present in plastids and is essential for chloroplast development and autotrophic growth in <i>Arabidopsis</i> *. <i>Journal of Experimental Botany</i> , 2008, 59, 2597-2610.	2.4	38
16	A synthetic gene increases TGF β 3 accumulation by 75-fold in tobacco chloroplasts enabling rapid purification and folding into a biologically active molecule. <i>Plant Biotechnology Journal</i> , 2011, 9, 618-628.	4.1	34
17	Growth of Transplastomic Cells Expressing d-Amino Acid Oxidase in Chloroplasts Is Tolerant to d-Alanine and Inhibited by d-Valine. <i>Plant Physiology</i> , 2012, 160, 2219-2226.	2.3	31
18	Visualisation of plastids in endosperm, pollen and roots of transgenic wheat expressing modified GFP fused to transit peptides from wheat SSU RubisCO, rice FtsZ and maize ferredoxin III proteins. <i>Transgenic Research</i> , 2008, 17, 529-543.	1.3	30

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19	Studies on the maintenance and expression of cloned DNA fragments in the nuclear genome of the green alga <i>Chlamydomonas reinhardtii</i> . <i>Physiologia Plantarum</i> , 1990, 78, 254-260.	2.6	29
20	A transposon with an unusual LTR arrangement from <i>Chlamydomonas reinhardtii</i> contains an internal tandem array of 76 bp repeats. <i>Nucleic Acids Research</i> , 1991, 19, 1259-1266.	6.5	28
21	A hepatitis C virus core polypeptide expressed in chloroplasts detects anti-core antibodies in infected human sera. <i>Journal of Biotechnology</i> , 2010, 145, 377-386.	1.9	28
22	Structure and inheritance of sense and anti-sense transcripts from a transposon in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Journal of Molecular Biology</i> , 1991, 218, 273-291.	2.0	24
23	Seamless editing of the chloroplast genome in plants. <i>BMC Plant Biology</i> , 2016, 16, 168.	1.6	18
24	A New F131V Mutation in <i>Chlamydomonas</i> Phytoene Desaturase Locates a Cluster of Norflurazon Resistance Mutations near the FAD-Binding Site in 3D Protein Models. <i>PLoS ONE</i> , 2014, 9, e99894.	1.1	16
25	Structure, evolution and expression of the mitochondrial ADP/ATP translocator gene from <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 1993, 237-237, 134-144.	2.4	13
26	Large arrays of tandemly repeated DNA sequences in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Chromosoma</i> , 1993, 102, 500-507.	1.0	13
27	Introducing an RNA editing requirement into a plastid-localised transgene reduces but does not eliminate functional gene transfer to the nucleus. <i>Plant Molecular Biology</i> , 2011, 76, 299-309.	2.0	13
28	Tolerance of Transplastomic Tobacco Plants Overexpressing a Theta Class Glutathione Transferase to Abiotic and Oxidative Stresses. <i>Frontiers in Plant Science</i> , 2018, 9, 1861.	1.7	13
29	Characterization of transcribed dispersed repetitive DNAs in the nuclear genome of the green alga <i>Chlamydomonas reinhardtii</i> . <i>Current Genetics</i> , 1989, 16, 165-176.	0.8	12
30	The chloroplast genome of the marine microalga <i>Tisochrysis lutea</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 253-255.	0.2	11
31	A transposon-like sequence with short terminal inverted repeats in the nuclear genome of <i>Chlamydomonas reinhardtii</i> . <i>Plant Molecular Biology</i> , 1995, 28, 437-442.	2.0	8
32	Simple and Efficient Removal of Marker Genes From Plastids by Homologous Recombination. , 2005, 286, 255-270.		7
33	Stable Plastid Transformation of <i>Petunia</i> . <i>Methods in Molecular Biology</i> , 2014, 1132, 277-293.	0.4	7
34	The chloroplast genome sequence of the ornamental plant <i>Petunia hybrida</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 249-250.	0.2	6
35	Conservation in structure of TOC1 transposons from <i>Chlamydomonas reinhardtii</i> . <i>Gene</i> , 1991, 104, 235-239.	1.0	5
36	Visualisation of plastid degradation in sperm cells of wheat pollen. <i>Protoplasma</i> , 2017, 254, 229-237.	1.0	5

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37	Reverse Genetics in Flowering Plant Plastids. <i>Advances in Photosynthesis and Respiration</i> , 2012, , 415-441.	1.0	4
38	Construction of a highly error-prone DNA polymerase for developing organelle mutation systems. <i>Nucleic Acids Research</i> , 2020, 48, 11868-11879.	6.5	3
39	Excision of Plastid Marker Genes Using Directly Repeated DNA Sequences. <i>Methods in Molecular Biology</i> , 2014, 1132, 107-123.	0.4	2
40	Rescue of Deletion Mutants to Isolate Plastid Transformants in Higher Plants. <i>Methods in Molecular Biology</i> , 2018, 1829, 325-339.	0.4	0
41	Stable Plastid Transformation of <i>Petunia</i> for Studies in Basic Research. <i>Methods in Molecular Biology</i> , 2021, 2317, 229-245.	0.4	0
42	Marker-Free Transplastomic Plants by Excision of Plastid Marker Genes Using Directly Repeated DNA Sequences. <i>Methods in Molecular Biology</i> , 2021, 2317, 95-107.	0.4	0
43	Homologous Recombination Allows Efficient Isolation of Marker-Free Transplastomic Plants. , 2003, , 233-235.		0