

# Henry Daniell

## List of Publications by Year in descending order

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Version: 2024-02-01

219  
papers

20,144  
citations

7096

78  
h-index

11607

135  
g-index

226  
all docs

226  
docs citations

226  
times ranked

10925  
citing authors



#	ARTICLE	IF	CITATIONS
1	Mini-synplastomes for plastid genetic engineering. Plant Biotechnology Journal, 2022, 20, 360-373.	8.3	14
2	Plant Single Cell Transcriptome Hub (PscTH): an integrated online tool to explore the plant single-cell transcriptome landscape. Plant Biotechnology Journal, 2022, 20, 10-12.	8.3	27
3	Debulking SARS-CoV-2 in saliva using angiotensin converting enzyme 2 in chewing gum to decrease oral virus transmission and infection. Molecular Therapy, 2022, 30, 1966-1978.	8.2	39
4	PBJ celebrates twenty years of service to the scientific community by offering free global access, improved ranking and diversity. Plant Biotechnology Journal, 2022, 20, 3-9.	8.3	0
5	Debulking different Corona (SARS-CoV-2 delta, omicron, OC43) and Influenza (H1N1, H3N2) virus strains by plant viral trap proteins in chewing gums to decrease infection and transmission. Biomaterials, 2022, 288, 121671.	11.4	16
6	Decrease in Angiotensin-Converting Enzyme activity but not concentration in plasma/lungs in COVID-19 patients offers clues for diagnosis/treatment. Molecular Therapy - Methods and Clinical Development, 2022, 26, 266-278.	4.1	15
7	Genetic manipulation of Soc1 -like genes promotes photosynthesis in flowers and leaves and enhances plant tolerance to high temperature. Plant Biotechnology Journal, 2021, 19, 8-10.	8.3	6
8	Role of orally induced regulatory T cells in immunotherapy and tolerance. Cellular Immunology, 2021, 359, 104251.	3.0	48
9	Green giant—a tiny chloroplast genome with mighty power to produce high-value proteins: history and phylogeny. Plant Biotechnology Journal, 2021, 19, 430-447.	8.3	86
10	Preclinical development of plant-based oral immune modulatory therapy for haemophilia B. Plant Biotechnology Journal, 2021, 19, 1952-1966.	8.3	17
11	Affordable oral health care: dental biofilm disruption using chloroplast made enzymes with chewing gum delivery. Plant Biotechnology Journal, 2021, 19, 2113-2125.	8.3	17
12	Contributions of the international plant science community to the fight against infectious diseases in humans—part 2: Affordable drugs in edible plants for endemic and re-emerging diseases. Plant Biotechnology Journal, 2021, 19, 1921-1936.	8.3	31
13	Contributions of the international plant science community to the fight against human infectious diseases — part 1: epidemic and pandemic diseases. Plant Biotechnology Journal, 2021, 19, 1901-1920.	8.3	44
14	Oral delivery of therapeutic proteins bioencapsulated in plant cells: Preclinical and clinical advances. Current Opinion in Colloid and Interface Science, 2021, 54, 101452.	7.4	11
15	PBJ ranks higher, enhances diversity and offers free global access. Plant Biotechnology Journal, 2021, 19, 3-4.	8.3	1
16	High-efficient and precise base editing of C to A in the allotetraploid cotton ( <i>Gossypium</i> ) Tj ETQq000rgBT /Overlock 1020, 18, 45-56.	8.3	114
17	Investigational new drug enabling angiotensin oral-delivery studies to attenuate pulmonary hypertension. Biomaterials, 2020, 233, 119750.	11.4	42
18	Generation, analysis, and transformation of macro-chloroplast Potato ( <i>Solanum tuberosum</i> ) lines for chloroplast biotechnology. Scientific Reports, 2020, 10, 21144.	3.3	10



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19	From conception to COVID-19: an arduous journey of tribulations of racism and triumphs. Plant Biotechnology Journal, 2020, 18, 2147-2154.	8.3	4
20	Role of Small Intestine and Gut Microbiome in Plant-Based Oral Tolerance for Hemophilia. Frontiers in Immunology, 2020, 11, 844.	4.8	19
21	Journal Flexibility in the Troubling Times of COVID-19. Plant Physiology, 2020, 182, 1795-1795.	4.8	0
22	Journal Flexibility in the Troubling Times of COVID-19. Plant Cell, 2020, 32, 1337-1337.	6.6	0
23	From Î-aminolevulinic acid to chlorophylls and every step in between: in memory of Constantin (Tino) A. Rebeiz, 1936â€“2019. Photosynthesis Research, 2020, 145, 71-82.	2.9	7
24	PBJ ranks higher, despite publishing more original articles, very few editorial materials and offers free global access. Plant Biotechnology Journal, 2020, 18, 3-4.	8.3	1
25	Multi-omics analyses reveal epigenomics basis for cotton somatic embryogenesis through successive regeneration acclimation process. Plant Biotechnology Journal, 2019, 17, 435-450.	8.3	88
26	Plant cell-made protein antigens for induction of Oral tolerance. Biotechnology Advances, 2019, 37, 107413.	11.7	44
27	The chromosome-scale reference genome of black pepper provides insight into piperine biosynthesis. Nature Communications, 2019, 10, 4702.	12.8	115
28	PBJ is ranked higher, publishes more original articles and offers free global access. Plant Biotechnology Journal, 2019, 17, 3-4.	8.3	1
29	Validation of leaf enzymes in the detergent and textile industries: launching of a new platform technology. Plant Biotechnology Journal, 2019, 17, 1167-1182.	8.3	37
30	The potential of plant systems to break the HIVâ€“TB link. Plant Biotechnology Journal, 2019, 17, 1868-1891.	8.3	16
31	Validation of leaf and microbial pectinases: commercial launching of a new platform technology. Plant Biotechnology Journal, 2019, 17, 1154-1166.	8.3	34
32	Production of tetravalent dengue virus envelope protein domain <sc>III</sc> based antigens in lettuce chloroplasts and immunologic analysis for future oral vaccine development. Plant Biotechnology Journal, 2019, 17, 1408-1417.	8.3	31
33	Cold chain and virus-free oral polio booster vaccine made in lettuce chloroplasts confers protection against all three poliovirus serotypes. Plant Biotechnology Journal, 2019, 17, 1357-1368.	8.3	52
34	Whole genome sequencing reveals rare off-target mutations and considerable inherent genetic or/and somaclonal variations in <sc>CRISPR</sc>/Cas9-edited cotton plants. Plant Biotechnology Journal, 2019, 17, 858-868.	8.3	159
35	PBJ publishes high-impact original plant biotechnology research with free global access. Plant Biotechnology Journal, 2018, 16, 3-3.	8.3	1
36	High efficient multisites genome editing in allotetraploid cotton (<i>Gossypium hirsutum</i>) using CRISPR/Cas9 system. Plant Biotechnology Journal, 2018, 16, 137-150.	8.3	202



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37	Expression and assembly of largest foreign protein in chloroplasts: oral delivery of human FVIII made in lettuce chloroplasts robustly suppresses inhibitor formation in haemophilia A mice. <i>Plant Biotechnology Journal</i> , 2018, 16, 1148-1160.	8.3	46
38	Long-term evaluation of mucosal and systemic immunity and protection conferred by different polio booster vaccines. <i>Vaccine</i> , 2017, 35, 5418-5425.	3.8	24
39	Expression and functional evaluation of biopharmaceuticals made in plant chloroplasts. <i>Current Opinion in Chemical Biology</i> , 2017, 38, 17-23.	6.1	50
40	Plant-based vaccines for oral delivery of type 1 diabetes-related autoantigens: Evaluating oral tolerance mechanisms and disease prevention in NOD mice. <i>Scientific Reports</i> , 2017, 7, 42372.	3.3	20
41	Oral Tolerance Induction in Hemophilia B Dogs Fed with Transplastomic Lettuce. <i>Molecular Therapy</i> , 2017, 25, 512-522.	8.2	54
42	<scp>PBJ</scp> is now a leading open access plant journal. <i>Plant Biotechnology Journal</i> , 2017, 15, 3-3.	8.3	0
43	Cold chain and virus-free chloroplast-made booster vaccine to confer immunity against different poliovirus serotypes. <i>Plant Biotechnology Journal</i> , 2016, 14, 2190-2200.	8.3	69
44	Oral Delivery of Protein Drugs Bioencapsulated in Plant Cells. <i>Molecular Therapy</i> , 2016, 24, 1342-1350.	8.2	73
45	Vaccination via Chloroplast Genetics: Affordable Protein Drugs for the Prevention and Treatment of Inherited or Infectious Human Diseases. <i>Annual Review of Genetics</i> , 2016, 50, 595-618.	7.6	59
46	PBJ is now an open access journal. <i>Plant Biotechnology Journal</i> , 2016, 14, 3-3.	8.3	1
47	Transcriptome analysis reveals a comprehensive insect resistance response mechanism in cotton to infestation by the phloem feeding insect <i>Bemisia tabaci</i> (whitefly). <i>Plant Biotechnology Journal</i> , 2016, 14, 1956-1975.	8.3	109
48	Editing Plant Genomes: a new era of crop improvement. <i>Plant Biotechnology Journal</i> , 2016, 14, 435-436.	8.3	31
49	Codon Optimization to Enhance Expression Yields Insights into Chloroplast Translation. <i>Plant Physiology</i> , 2016, 172, 62-77.	4.8	51
50	Topical delivery of low-cost protein drug candidates made in chloroplasts for biofilm disruption and uptake by oral epithelial cells. <i>Biomaterials</i> , 2016, 105, 156-166.	11.4	46
51	Plant-based oral vaccines against zoonotic and non-zoonotic diseases. <i>Plant Biotechnology Journal</i> , 2016, 14, 2079-2099.	8.3	64
52	Compartmentalized Metabolic Engineering for Artemisinin Biosynthesis and Effective Malaria Treatment by Oral Delivery of Plant Cells. <i>Molecular Plant</i> , 2016, 9, 1464-1477.	8.3	83
53	The Science of Gene Flow in Agriculture and Its Role in Coexistence. , 2016, , 13-37.		1
54	Chloroplast genomes: diversity, evolution, and applications in genetic engineering. <i>Genome Biology</i> , 2016, 17, 134.	8.8	1,013



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55	Low cost delivery of proteins bioencapsulated in plant cells to human non-immune or immune modulatory cells. <i>Biomaterials</i> , 2016, 80, 68-79.	11.4	50
56	Terpene metabolic engineering <i>via</i> nuclear or chloroplast genomes profoundly and globally impacts off-target pathways through metabolite signalling. <i>Plant Biotechnology Journal</i> , 2016, 14, 1862-1875.	8.3	29
57	Expression of $\beta$ -glucosidase increases trichome density and artemisinin content in transgenic <i>Artemisia annua</i> plants. <i>Plant Biotechnology Journal</i> , 2016, 14, 1034-1045.	8.3	68
58	Oral delivery of Acid Alpha Glucosidase epitopes expressed in plant chloroplasts suppresses antibody formation in treatment of Pompe mice. <i>Plant Biotechnology Journal</i> , 2015, 13, 1023-1032.	8.3	51
59	Advances in molecular farming: key technologies, scaled up production and lead targets. <i>Plant Biotechnology Journal</i> , 2015, 13, 1011-1012.	8.3	26
60	Low cost oral delivery of protein drugs bioencapsulated in plant cells. <i>Plant Biotechnology Journal</i> , 2015, 13, 1017-1022.	8.3	64
61	Plant-based oral tolerance to hemophilia therapy employs a complex immune regulatory response including LAP+CD4+ T cells. <i>Blood</i> , 2015, 125, 2418-2427.	1.4	57
62	Editorial. <i>Plant Biotechnology Journal</i> , 2015, 13, 281-281.	8.3	0
63	Plant-made oral vaccines against human infectious diseases "Are we there yet?". <i>Plant Biotechnology Journal</i> , 2015, 13, 1056-1070.	8.3	116
64	Low cost industrial production of coagulation factor IX bioencapsulated in lettuce cells for oral tolerance induction in hemophilia B. <i>Biomaterials</i> , 2015, 70, 84-93.	11.4	124
65	The location and translocation of <i>ndh</i> genes of chloroplast origin in the Orchidaceae family. <i>Scientific Reports</i> , 2015, 5, 9040.	3.3	143
66	Engineered chloroplast dsRNA silences <i>cytochrome p450 monooxygenase</i> , <i>V-ATPase</i> and <i>chitin synthase</i> genes in the insect gut and disrupts <i>Helicoverpa armigera</i> larval development and pupation. <i>Plant Biotechnology Journal</i> , 2015, 13, 435-446.	8.3	144
67	The Engineered Chloroplast Genome Just Got Smarter. <i>Trends in Plant Science</i> , 2015, 20, 622-640.	8.8	142
68	Editorial. <i>Plant Biotechnology Journal</i> , 2015, 13, 1-1.	8.3	4
69	Altered lipid composition and enhanced lipid production in green microalga by introduction of brassica diacylglycerol acyltransferase 2. <i>Plant Biotechnology Journal</i> , 2015, 13, 540-550.	8.3	105
70	Activation of human mast cells by retrocyclin and protegrin highlight their immunomodulatory and antimicrobial properties. <i>Oncotarget</i> , 2015, 6, 28573-28587.	1.8	36
71	Factor IX Expressed in Lettuce Chloroplasts Induces Oral Tolerance in Hemophilia B Mice. <i>Blood</i> , 2015, 126, 292-292.	1.4	1
72	Suppression of inhibitor formation against FVIII in a murine model of hemophilia A by oral delivery of antigens bioencapsulated in plant cells. <i>Blood</i> , 2014, 124, 1659-1668.	1.4	94



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73	Oral Delivery of Angiotensin-Converting Enzyme 2 and Angiotensin-(1-7) Bioencapsulated in Plant Cells Attenuates Pulmonary Hypertension. <i>Hypertension</i> , 2014, 64, 1248-1259.	2.7	126
74	Oral Delivery of ACE2/Ang-(1-7) Bioencapsulated in Plant Cells Protects against Experimental Uveitis and Autoimmune Uveoretinitis. <i>Molecular Therapy</i> , 2014, 22, 2069-2082.	8.2	74
75	Oral Delivery of Bioencapsulated Proteins Across Blood-Brain and Blood-Retinal Barriers. <i>Molecular Therapy</i> , 2014, 22, 535-546.	8.2	70
76	Expression of $\beta$ -tocopherol methyltransferase in chloroplasts results in massive proliferation of the inner envelope membrane and decreases susceptibility to salt and metal-induced oxidative stresses by reducing reactive oxygen species. <i>Plant Biotechnology Journal</i> , 2014, 12, 1274-1285.	8.3	68
77	How can plant genetic engineering contribute to cost-effective fish vaccine development for promoting sustainable aquaculture?. <i>Plant Molecular Biology</i> , 2013, 83, 33-40.	3.9	42
78	Oral delivery of human biopharmaceuticals, autoantigens and vaccine antigens bioencapsulated in plant cells. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 782-799.	13.7	149
79	Oral delivery of bioencapsulated exendin-4 expressed in chloroplasts lowers blood glucose level in mice and stimulates insulin secretion in beta-TC6 cells. <i>Plant Biotechnology Journal</i> , 2013, 11, 77-86.	8.3	84
80	Low Cost Tuberculosis Vaccine Antigens in Capsules: Expression in Chloroplasts, Bio-Encapsulation, Stability and Functional Evaluation In Vitro. <i>PLoS ONE</i> , 2013, 8, e54708.	2.5	108
81	Mechanism of oral tolerance induction to therapeutic proteins. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 759-773.	13.7	74
82	Expression of Fungal Cutinase and Swollenin in Tobacco Chloroplasts Reveals Novel Enzyme Functions and/or Substrates. <i>PLoS ONE</i> , 2013, 8, e57187.	2.5	36
83	Release of Proteins from Intact Chloroplasts Induced by Reactive Oxygen Species during Biotic and Abiotic Stress. <i>PLoS ONE</i> , 2013, 8, e67106.	2.5	41
84	Mechanism Of Oral Tolerance Induced By Bioencapsulated Coagulation Factor IX In Hemophilia B Mice. <i>Blood</i> , 2013, 122, 30-30.	1.4	1
85	Motif analysis unveils the possible co-regulation of chloroplast genes and nuclear genes encoding chloroplast proteins. <i>Plant Molecular Biology</i> , 2012, 80, 177-187.	3.9	3
86	Mapping the T helper cell response to acid $\beta$ -glucosidase in Pompe mice. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 189-195.	1.1	19
87	Chloroplast-Derived Therapeutic and Prophylactic Vaccines. , 2012, , 69-87.		1
88	Remodeling the isoprenoid pathway in tobacco by expressing the cytoplasmic mevalonate pathway in chloroplasts. <i>Metabolic Engineering</i> , 2012, 14, 19-28.	7.0	120
89	<i>Pinellia ternata</i> agglutinin expression in chloroplasts confers broad spectrum resistance against aphid, whitefly, <i>Lepidopteran</i> insects, bacterial and viral pathogens. <i>Plant Biotechnology Journal</i> , 2012, 10, 313-327.	8.3	68
90	Suppression of Inhibitor Formation Against Factor VIII in Hemophilia A Mice by Oral Delivery of Bioencapsulated Antigen. <i>Blood</i> , 2012, 120, 14-14.	1.4	2



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91	Complete Chloroplast Genome Sequence of an Orchid Model Plant Candidate: <i>Erycina pusilla</i> Apply in Tropical <i>Oncidium</i> Breeding. PLoS ONE, 2012, 7, e34738.	2.5	70
92	The Application of the Chloroplast Genome of <i>Oncidium</i> in Plant Identification and Breeding in <i>Oncidiinae</i> . , 2011, , 253-266.		0
93	Expression and characterization of antimicrobial peptides Retrocyclin <sup>®</sup> 101 and Protegrin <sup>®</sup> 1 in chloroplasts to control viral and bacterial infections. Plant Biotechnology Journal, 2011, 9, 100-115.	8.3	112
94	Low-cost production of proinsulin in tobacco and lettuce chloroplasts for injectable or oral delivery of functional insulin and C-peptide. Plant Biotechnology Journal, 2011, 9, 585-598.	8.3	136
95	Metallothionein expression in chloroplasts enhances mercury accumulation and phytoremediation capability. Plant Biotechnology Journal, 2011, 9, 609-617.	8.3	76
96	Preface: Chloroplast Biotechnology. Plant Biotechnology Journal, 2011, 9, 525-526.	8.3	1
97	Expression of dengue-3 premembrane and envelope polyprotein in lettuce chloroplasts. Plant Molecular Biology, 2011, 76, 323-333.	3.9	60
98	Plastid biotechnology for crop production: present status and future perspectives. Plant Molecular Biology, 2011, 76, 211-220.	3.9	81
99	Chloroplast biotechnology, genomics and evolution: current status, challenges and future directions. Plant Molecular Biology, 2011, 76, 207-209.	3.9	19
100	Phylogenomic evidence of bryophytes <sup>™</sup> monophyly using complete and incomplete data sets from chloroplast proteomes. Journal of Plant Biochemistry and Biotechnology, 2011, 20, 288-292.	1.7	7
101	Evaluation of biolistic gene transfer methods in vivo using non-invasive bioluminescent imaging techniques. BMC Biotechnology, 2011, 11, 62.	3.3	16
102	Complete Plastid Genome Sequences of Three Rosids ( <i>Castanea</i> , <i>Prunus</i> , <i>Theobroma</i> ): Evidence for At Least Two Independent Transfers of <i>rpl22</i> to the Nucleus. Molecular Biology and Evolution, 2011, 28, 835-847.	8.9	203
103	Release of Hormones from Conjugates: Chloroplast Expression of <sup>12</sup> I-Glucosidase Results in Elevated Phytohormone Levels Associated with Significant Increase in Biomass and Protection from Aphids or Whiteflies Conferred by Sucrose Esters. Plant Physiology, 2011, 155, 222-235.	4.8	94
104	Expression of <i>Trichoderma reesei</i> <sup>12</sup> I-Mannanase in Tobacco Chloroplasts and Its Utilization in Lignocellulosic Woody Biomass Hydrolysis. PLoS ONE, 2011, 6, e29302.	2.5	44
105	Complete chloroplast genome of <i>Oncidium Gower Ramsey</i> and evaluation of molecular markers for identification and breeding in <i>Oncidiinae</i> . BMC Plant Biology, 2010, 10, 68.	3.6	161
106	Chloroplast <sup>®</sup> -derived vaccine antigens confer dual immunity against cholera and malaria by oral or injectable delivery. Plant Biotechnology Journal, 2010, 8, 223-242.	8.3	153
107	Chloroplast <sup>®</sup> -derived enzyme cocktails hydrolyse lignocellulosic biomass and release fermentable sugars. Plant Biotechnology Journal, 2010, 8, 332-350.	8.3	122
108	Transgenic perennial biofuel feedstocks and strategies for bioconfinement. Biofuels, 2010, 1, 163-176.	2.4	47



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109	The Role of Heterologous Chloroplast Sequence Elements in Transgene Integration and Expression. <i>Plant Physiology</i> , 2010, 152, 2088-2104.	4.8	212
110	Oral delivery of bioencapsulated coagulation factor IX prevents inhibitor formation and fatal anaphylaxis in hemophilia B mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7101-7106.	7.1	140
111	Genetic Modification in Dedicated Bioenergy Crops and Strategies for Gene Confinement. <i>Biotechnology in Agriculture and Forestry</i> , 2010, , 299-315.	0.2	6
112	The green vaccine: A global strategy to combat infectious and autoimmune diseases. <i>Hum Vaccin</i> , 2009, 5, 488-493.	2.4	48
113	Complete nucleotide sequence of <i>Dendrocalamus latiflorus</i> and <i>Bambusa oldhamii</i> chloroplast genomes. <i>Tree Physiology</i> , 2009, 29, 847-856.	3.1	74
114	Genetic engineering to enhance mercury phytoremediation. <i>Current Opinion in Biotechnology</i> , 2009, 20, 213-219.	6.6	125
115	Optimization of codon composition and regulatory elements for expression of human insulin like growth factor-1 in transgenic chloroplasts and evaluation of structural identity and function. <i>BMC Biotechnology</i> , 2009, 9, 33.	3.3	75
116	Plant-made vaccine antigens and biopharmaceuticals. <i>Trends in Plant Science</i> , 2009, 14, 669-679.	8.8	359
117	Chloroplast-Derived Vaccine Antigens and Biopharmaceuticals: Expression, Folding, Assembly and Functionality. <i>Current Topics in Microbiology and Immunology</i> , 2009, 332, 33-54.	1.1	63
118	Chloroplast-Derived Vaccine Antigens and Biopharmaceuticals: Protocols for Expression, Purification, or Oral Delivery and Functional Evaluation. <i>Methods in Molecular Biology</i> , 2009, 483, 163-192.	0.9	20
119	Oral Delivery of Bioencapsulated Factor IX Protects From Inhibitor Formation and Anaphylaxis in Protein Replacement Therapy for Hemophilia B.. <i>Blood</i> , 2009, 114, 222-222.	1.4	3
120	The complete nucleotide sequence of the cassava ( <i>Manihot esculenta</i> ) chloroplast genome and the evolution of <i>atpF</i> in Malpighiales: RNA editing and multiple losses of a group II intron. <i>Theoretical and Applied Genetics</i> , 2008, 116, 723-37.	3.6	96
121	Complete plastid genome sequence of the chickpea ( <i>Cicer arietinum</i> ) and the phylogenetic distribution of <i>rps12</i> and <i>clpP</i> intron losses among legumes ( <i>Leguminosae</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 1204-1217.	2.7	214
122	A protocol for expression of foreign genes in chloroplasts. <i>Nature Protocols</i> , 2008, 3, 739-758.	12.0	132
123	<i>Arabidopsis</i> Tic40 Expression in Tobacco Chloroplasts Results in Massive Proliferation of the Inner Envelope Membrane and Upregulation of Associated Proteins. <i>Plant Cell</i> , 2008, 20, 3405-3417.	6.6	54
124	Effective Plague Vaccination via Oral Delivery of Plant Cells Expressing F1-V Antigens in Chloroplasts. <i>Infection and Immunity</i> , 2008, 76, 3640-3650.	2.2	120
125	Transgene containment by maternal inheritance: Effective or elusive?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6879-6880.	7.1	134
126	Analysis of 81 genes from 64 plastid genomes resolves relationships in angiosperms and identifies genome-scale evolutionary patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19369-19374.	7.1	1,016



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127	Chloroplast Vector Systems for Biotechnology Applications. <i>Plant Physiology</i> , 2007, 145, 1129-1143.	4.8	243
128	Phytoremediation of Mercury and Organomercurials in Chloroplast Transgenic Plants: Enhanced Root Uptake, Translocation to Shoots, and Volatilization. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8439-8446.	10.0	120
129	Plastid Pathways. , 2007, , 79-108.		4
130	Stable expression of Gal/GalNAc lectin of <i>Entamoeba histolytica</i> in transgenic chloroplasts and immunogenicity in mice towards vaccine development for amoebiasis. <i>Plant Biotechnology Journal</i> , 2007, 5, 230-239.	8.3	64
131	The complete nucleotide sequence of the coffee ( <i>Coffea arabica</i> L.) chloroplast genome: organization and implications for biotechnology and phylogenetic relationships amongst angiosperms. <i>Plant Biotechnology Journal</i> , 2007, 5, 339-353.	8.3	90
132	Field production and functional evaluation of chloroplast-derived interferon- $\gamma$ 2b. <i>Plant Biotechnology Journal</i> , 2007, 5, 511-525.	8.3	144
133	Expression of cholera toxin B $\gamma$ proinsulin fusion protein in lettuce and tobacco chloroplasts ? oral administration protects against development of insulinitis in non-obese diabetic mice. <i>Plant Biotechnology Journal</i> , 2007, 5, 495-510.	8.3	214
134	Complete chloroplast genome sequences of <i>Hordeum vulgare</i> , <i>Sorghum bicolor</i> and <i>Agrostis stolonifera</i> , and comparative analyses with other grass genomes. <i>Theoretical and Applied Genetics</i> , 2007, 115, 571-590.	3.6	194
135	Chloroplast Genetic Engineering Via Organogenesis or Somatic Embryogenesis. , 2006, 323, 245-262.		13
136	Chloroplast-derived anthrax and other vaccine antigens: their immunogenic and immunoprotective properties. <i>Expert Review of Vaccines</i> , 2006, 5, 839-849.	4.4	19
137	Novel pathways for glycoprotein import into chloroplasts. <i>Plant Biotechnology Journal</i> , 2006, 4, 275-279.	8.3	21
138	Production of biopharmaceuticals and vaccines in plants via the chloroplast genome. <i>Biotechnology Journal</i> , 2006, 1, 1071-1079.	3.5	163
139	Chloroplast Genetic Engineering. <i>Biotechnology Journal</i> , 2006, 1, 31-33.	3.5	6
140	Complete chloroplast genome sequences of <i>Solanum bulbocastanum</i> , <i>Solanum lycopersicum</i> and comparative analyses with other Solanaceae genomes. <i>Theoretical and Applied Genetics</i> , 2006, 112, 1503-1518.	3.6	157
141	Accumulation of sweet protein monellin is regulated by the psbA 5'UTR in tobacco chloroplasts. <i>Journal of Plant Biology</i> , 2006, 49, 34-43.	2.1	21
142	The complete chloroplast genome sequence of <i>Citrus sinensis</i> (L.) Osbeck var 'Ridge Pineapple': organization and phylogenetic relationships to other angiosperms. <i>BMC Plant Biology</i> , 2006, 6, 21.	3.6	194
143	Phylogenetic analyses of <i>Vitis</i> (Vitaceae) based on complete chloroplast genome sequences: effects of taxon sampling and phylogenetic methods on resolving relationships among rosids. <i>BMC Evolutionary Biology</i> , 2006, 6, 32.	3.2	230
144	Complete plastid genome sequence of <i>Daucus carota</i> : Implications for biotechnology and phylogeny of angiosperms. <i>BMC Genomics</i> , 2006, 7, 222.	2.8	87



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145	The complete chloroplast genome sequence of <i>Gossypium hirsutum</i> : organization and phylogenetic relationships to other angiosperms. <i>BMC Genomics</i> , 2006, 7, 61.	2.8	124
146	Receptor-mediated oral delivery of a bioencapsulated green fluorescent protein expressed in transgenic chloroplasts into the mouse circulatory system. <i>FASEB Journal</i> , 2006, 20, 959-961.	0.5	87
147	Plastid transformation in the monocotyledonous cereal crop, rice ( <i>Oryza sativa</i> ) and transmission of transgenes to their progeny. <i>Molecules and Cells</i> , 2006, 21, 401-10.	2.6	92
148	Chloroplast Genetic Engineering to Improve Agronomic Traits. , 2005, 286, 111-138.		75
149	OBPC Symposium: Maize 2004 & beyond”Recent advances in chloroplast genetic engineering. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2005, 41, 388-404.	2.1	3
150	Breakthrough in chloroplast genetic engineering of agronomically important crops. <i>Trends in Biotechnology</i> , 2005, 23, 238-245.	9.3	211
151	Particle bombardment and the genetic enhancement of crops: myths and realities. <i>Molecular Breeding</i> , 2005, 15, 305-327.	2.1	291
152	Complete Chloroplast Genome Sequence of <i>Glycine max</i> and Comparative Analyses with other Legume Genomes. <i>Plant Molecular Biology</i> , 2005, 59, 309-322.	3.9	255
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