

Barry James Pogson

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8076158/barry-james-pogson-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137
papers

11,331
citations

55
h-index

105
g-index

146
ext. papers

13,453
ext. citations

7.5
avg, IF

6.46
L-index

#	Paper	IF	Citations
137	A foliar pigment-based bioassay for interrogating chloroplast signalling revealed that carotenoid isomerisation regulates chlorophyll abundance.. <i>Plant Methods</i> , 2022 , 18, 18	5.8	0
136	Enzymes degraded under high light maintain proteostasis by transcriptional regulation in .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2121362119 ^{11.5}	11.5	0
135	Addressing Research Bottlenecks to Crop Productivity. <i>Trends in Plant Science</i> , 2021 , 26, 607-630	13.1	20
134	Deconvoluting apocarotenoid-mediated retrograde signaling networks regulating plastid translation and leaf development. <i>Plant Journal</i> , 2021 , 105, 1582-1599	6.9	8
133	Autophagy mutants show delayed chloroplast development during de-etiolation in carbon limiting conditions. <i>Plant Journal</i> , 2021 , 108, 459-477	6.9	1
132	Prospects for Carotenoid Biofortification Targeting Retention and Catabolism. <i>Trends in Plant Science</i> , 2020 , 25, 501-512	13.1	32
131	A -carotene derived apocarotenoid regulates etioplast and chloroplast development. <i>ELife</i> , 2020 , 9,	8.9	26
130	Molecular and physiological responses during thermal acclimation of leaf photosynthesis and respiration in rice. <i>Plant, Cell and Environment</i> , 2020 , 43, 594-610	8.4	9
129	A GDSL Esterase/Lipase Catalyzes the Esterification of Lutein in Bread Wheat. <i>Plant Cell</i> , 2019 , 31, 3092-3102	11.62	28
128	Wheat drought tolerance in the field is predicted by amino acid responses to glasshouse-imposed drought. <i>Journal of Experimental Botany</i> , 2019 , 70, 4931-4948	7	46
127	Volatile apocarotenoid discovery and quantification in Arabidopsis thaliana: optimized sensitive analysis via HS-SPME-GC/MS. <i>Metabolomics</i> , 2019 , 15, 79	4.7	9
126	Predicting dark respiration rates of wheat leaves from hyperspectral reflectance. <i>Plant, Cell and Environment</i> , 2019 , 42, 2133-2150	8.4	32
125	Evolution of chloroplast retrograde signaling facilitates green plant adaptation to land. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5015-5020	11.5	74
124	A Genome-Wide Association Study of Non-Photochemical Quenching in response to local seasonal climates in. <i>Plant Direct</i> , 2019 , 3, e00138	3.3	7
123	Excess Light Priming in Genotypes with Altered DNA Methylomes. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 3611-3621	3.2	6
122	Probing functional and optical cross-sections of PSII in leaves during state transitions using fast repetition rate light induced fluorescence transients. <i>Functional Plant Biology</i> , 2019 , 46, 567-583	2.7	9
121	A comparison of the EU regulatory approach to directed mutagenesis with that of other jurisdictions, consequences for international trade and potential steps forward. <i>New Phytologist</i> , 2019 , 222, 1673-1684	9.8	64

120	Maintenance of pre-existing DNA methylation states through recurring excess-light stress. <i>Plant, Cell and Environment</i> , 2018 , 41, 1657-1672	8.4	22
119	Development of strategies for genetic manipulation and fine-tuning of a chloroplast retrograde signal 3'-phosphoadenosine 5'-phosphate. <i>Plant Direct</i> , 2018 , 2, e00031	3.3	2
118	Carotenoids 2018 , 57-91		4
117	RNA Polymerase II Read-Through Promotes Expression of Neighboring Genes in SAL1-PAP-XRN Retrograde Signaling. <i>Plant Physiology</i> , 2018 , 178, 1614-1630	6.6	12
116	The SAL1-PAP Pathway: A Case Study for Integrating Chloroplast Retrograde, Light and Hormonal Signaling in Modulating Plant Growth and Development?. <i>Frontiers in Plant Science</i> , 2018 , 9, 1171	6.2	11
115	Evolutionary Conservation of ABA Signaling for Stomatal Closure. <i>Plant Physiology</i> , 2017 , 174, 732-747	6.6	100
114	The Transcription Factor MYB29 Is a Regulator of. <i>Plant Physiology</i> , 2017 , 173, 1824-1843	6.6	36
113	Convergence of mitochondrial and chloroplastic ANAC017/PAP-dependent retrograde signalling pathways and suppression of programmed cell death. <i>Cell Death and Differentiation</i> , 2017 , 24, 955-960	12.7	37
112	Chloroplast function and ion regulation in plants growing on saline soils: lessons from halophytes. <i>Journal of Experimental Botany</i> , 2017 , 68, 3129-3143	7	102
111	The Arabidopsis DNA Methylome Is Stable under Transgenerational Drought Stress. <i>Plant Physiology</i> , 2017 , 175, 1893-1912	6.6	82
110	Relative functional and optical absorption cross-sections of PSII and other photosynthetic parameters monitored in situ, at a distance with a time resolution of a few seconds, using a prototype light induced fluorescence transient (LIFT) device. <i>Functional Plant Biology</i> , 2017 , 44, 985-1006	2.7	30
109	Rapid Recovery Gene Downregulation during Excess-Light Stress and Recovery in Arabidopsis. <i>Plant Cell</i> , 2017 , 29, 1836-1863	11.6	61
108	A chloroplast retrograde signal, 3'-phosphoadenosine 5'-phosphate, acts as a secondary messenger in abscisic acid signaling in stomatal closure and germination. <i>ELife</i> , 2017 , 6,	8.9	90
107	Sensing and signaling of oxidative stress in chloroplasts by inactivation of the SAL1 phosphoadenosine phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4567-76	11.5	101
106	Uncoupling High Light Responses from Singlet Oxygen Retrograde Signaling and Spatial-Temporal Systemic Acquired Acclimation. <i>Plant Physiology</i> , 2016 , 171, 1734-49	6.6	49
105	Synthesis and Function of Apocarotenoid Signals in Plants. <i>Trends in Plant Science</i> , 2016 , 21, 792-803	13.1	166
104	Suppression of glucan, water dikinase in the endosperm alters wheat grain properties, germination and coleoptile growth. <i>Plant Biotechnology Journal</i> , 2016 , 14, 398-408	11.6	13
103	Reconsidering plant memory: Intersections between stress recovery, RNA turnover, and epigenetics. <i>Science Advances</i> , 2016 , 2, e1501340	14.3	300

102	Chloroplast Activity and 3'phosphadenosine 5'phosphate Signaling Regulate Programmed Cell Death in Arabidopsis. <i>Plant Physiology</i> , 2016 , 170, 1745-56	6.6	19
101	Learning the Languages of the Chloroplast: Retrograde Signaling and Beyond. <i>Annual Review of Plant Biology</i> , 2016 , 67, 25-53	30.7	312
100	Using Phenomic Analysis of Photosynthetic Function for Abiotic Stress Response Gene Discovery. <i>The Arabidopsis Book</i> , 2016 , 14, e0185	3	30
99	Molecular characterization and transcriptome analysis of orange head Chinese cabbage (<i>Brassica rapa</i> L. ssp. <i>pekinensis</i>). <i>Planta</i> , 2015 , 241, 1381-94	4.7	30
98	Ethylene responses in rice roots and coleoptiles are differentially regulated by a carotenoid isomerase-mediated abscisic acid pathway. <i>Plant Cell</i> , 2015 , 27, 1061-81	11.6	72
97	Genomic breeding for food, environment and livelihoods. <i>Food Security</i> , 2015 , 7, 375-382	6.7	16
96	More than meets the eye: from carotenoid biosynthesis, to new insights into apocarotenoid signaling. <i>Current Opinion in Plant Biology</i> , 2015 , 27, 172-9	9.9	44
95	Genetic suppression of plant development and chloroplast biogenesis via the Snowy Cotyledon 3 and Phytochrome B pathways. <i>Functional Plant Biology</i> , 2015 , 42, 676-686	2.7	2
94	The Plant Cell Introduces Breakthrough Reports: A New Forum for Cutting-Edge Plant Research. <i>Plant Cell</i> , 2015 , tpc.15.00862	11.6	78
93	Carotenoid metabolism in plants. <i>Molecular Plant</i> , 2015 , 8, 68-82	14.4	578
92	Insights into chloroplast biogenesis and development. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015 , 1847, 1017-24	4.6	108
91	Periodic root branching in Arabidopsis requires synthesis of an uncharacterized carotenoid derivative. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1300-9	11.5	90
90	TraitCapture: genomic and environment modelling of plant phenomic data. <i>Current Opinion in Plant Biology</i> , 2014 , 18, 73-9	9.9	82
89	An Uncharacterized Apocarotenoid-Derived Signal Generated in β Carotene Desaturase Mutants Regulates Leaf Development and the Expression of Chloroplast and Nuclear Genes in Arabidopsis. <i>Plant Cell</i> , 2014 , 26, 2524-2537	11.6	130
88	The promoter of the Arabidopsis PIN6 auxin transporter enabled strong expression in the vasculature of roots, leaves, floral stems and reproductive organs. <i>Plant Signaling and Behavior</i> , 2014 , 9, e27898	2.5	14
87	A chromatin modifying enzyme, SDG8, is involved in morphological, gene expression, and epigenetic responses to mechanical stimulation. <i>Frontiers in Plant Science</i> , 2014 , 5, 533	6.2	33
86	An Overview of Chloroplast Biogenesis and Development 2014 , 115-128		1
85	Isolation of the plant cytosolic fraction for proteomic analysis. <i>Methods in Molecular Biology</i> , 2014 , 1072, 453-67	1.4	7

84	Effects of altered β and β -branch carotenoid biosynthesis on photoprotection and whole-plant acclimation of Arabidopsis to photo-oxidative stress. <i>Plant, Cell and Environment</i> , 2013 , 36, 438-53	8.4	19
83	Balancing metabolites in drought: the sulfur assimilation conundrum. <i>Trends in Plant Science</i> , 2013 , 18, 18-29	13.1	127
82	A novel proteinase, SNOWY COTYLEDON4, is required for photosynthetic acclimation to higher light intensities in Arabidopsis. <i>Plant Physiology</i> , 2013 , 163, 732-45	6.6	11
81	Decreased photochemical efficiency of photosystem II following sunlight exposure of shade-grown leaves of avocado: because of, or in spite of, two kinetically distinct xanthophyll cycles?. <i>Plant Physiology</i> , 2013 , 161, 836-52	6.6	15
80	Subset of heat-shock transcription factors required for the early response of Arabidopsis to excess light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 14474-9 ^{11.5}	11.5	108
79	Role of the Arabidopsis PIN6 auxin transporter in auxin homeostasis and auxin-mediated development. <i>PLoS ONE</i> , 2013 , 8, e70069	3.7	42
78	Systemic Photooxidative Stress Signalling. <i>Signaling and Communication in Plants</i> , 2013 , 251-274	1	2
77	From ecophysiology to phenomics: some implications of photoprotection and shade-sun acclimation in situ for dynamics of thylakoids in vitro. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 3503-14	5.8	28
76	Canopy conundrums: building on the Biosphere 2 experience to scale measurements of inner and outer canopy photoprotection from the leaf to the landscape. <i>Functional Plant Biology</i> , 2012 , 39, 1-24	2.7	35
75	The global plant council: Increasing the impact of plant research to meet global challenges 2012 , 55, 343-348		9
74	Inflorescence stem grafting made easy in Arabidopsis. <i>Plant Methods</i> , 2012 , 8, 50	5.8	19
73	The SCO2 protein disulphide isomerase is required for thylakoid biogenesis and interacts with LHCB1 chlorophyll a/b binding proteins which affects chlorophyll biosynthesis in Arabidopsis seedlings. <i>Plant Journal</i> , 2012 , 69, 743-54	6.9	46
72	Systemic and Local Responses to Repeated HL Stress-Induced Retrograde Signaling in Arabidopsis. <i>Frontiers in Plant Science</i> , 2012 , 3, 303	6.2	46
71	Reconsidering the nature and mode of action of metabolite retrograde signals from the chloroplast. <i>Frontiers in Plant Science</i> , 2012 , 3, 300	6.2	44
70	LETM proteins play a role in the accumulation of mitochondrially encoded proteins in Arabidopsis thaliana and AtLETM2 displays parent of origin effects. <i>Journal of Biological Chemistry</i> , 2012 , 287, 41757-73 ^{5.4}	5.4	49
69	Identifying chloroplast biogenesis and signalling mutants in Arabidopsis thaliana. <i>Methods in Molecular Biology</i> , 2011 , 684, 257-72	1.4	5
68	Carotenoids. <i>Advances in Botanical Research</i> , 2011 , 58, 1-36	2.2	31
67	Evidence for a SAL1-PAP chloroplast retrograde pathway that functions in drought and high light signaling in Arabidopsis. <i>Plant Cell</i> , 2011 , 23, 3992-4012	11.6	372

66	Genetic dissection of chloroplast biogenesis and development: an overview. <i>Plant Physiology</i> , 2011 , 155, 1545-51	6.6	150
65	Lutein from deepoxidation of lutein epoxide replaces zeaxanthin to sustain an enhanced capacity for nonphotochemical chlorophyll fluorescence quenching in avocado shade leaves in the dark. <i>Plant Physiology</i> , 2011 , 156, 393-403	6.6	41
64	A mutation in the purine biosynthetic enzyme ATASE2 impacts high light signalling and acclimation responses in green and chlorotic sectors of Arabidopsis leaves. <i>Functional Plant Biology</i> , 2011 , 38, 401-419	7.7	16
63	A novel fry1 allele reveals the existence of a mutant phenotype unrelated to 5'->3' exoribonuclease (XRN) activities in Arabidopsis thaliana roots. <i>PLoS ONE</i> , 2011 , 6, e16724	3.7	48
62	The cytoskeleton and the peroxisomal-targeted snowy cotyledon3 protein are required for chloroplast development in Arabidopsis. <i>Plant Cell</i> , 2010 , 22, 3423-38	11.6	59
61	Transcriptional control of SET DOMAIN GROUP 8 and CAROTENOID ISOMERASE during Arabidopsis development. <i>Molecular Plant</i> , 2010 , 3, 174-91	14.4	57
60	Chloroplast-to-nucleus communication: current knowledge, experimental strategies and relationship to drought stress signaling. <i>Plant Signaling and Behavior</i> , 2010 , 5, 1575-82	2.5	46
59	Source to sink: regulation of carotenoid biosynthesis in plants. <i>Trends in Plant Science</i> , 2010 , 15, 266-74	13.1	548
58	Signaling from the endoplasmic reticulum activates brassinosteroid signaling and promotes acclimation to stress in Arabidopsis. <i>Science Signaling</i> , 2010 , 3, ra69	8.8	163
57	Hypoxia-responsive microRNAs and trans-acting small interfering RNAs in Arabidopsis. <i>Journal of Experimental Botany</i> , 2010 , 61, 165-77	7	151
56	Exploring the function-location nexus: using multiple lines of evidence in defining the subcellular location of plant proteins. <i>Plant Cell</i> , 2009 , 21, 1625-31	11.6	86
55	Histone acetylation, VERNALIZATION INSENSITIVE 3, FLOWERING LOCUS C, and the vernalization response. <i>Molecular Plant</i> , 2009 , 2, 724-737	14.4	50
54	De novo synthesis and degradation of Lx and V cycle pigments during shade and sun acclimation in avocado leaves. <i>Plant Physiology</i> , 2009 , 149, 1179-95	6.6	38
53	Arabidopsis tRNA adenosine deaminase arginine edits the wobble nucleotide of chloroplast tRNA ^{Arg} (ACG) and is essential for efficient chloroplast translation. <i>Plant Cell</i> , 2009 , 21, 2058-71	11.6	59
52	Promoting gene expression in plants by permissive histone lysine methylation. <i>Plant Signaling and Behavior</i> , 2009 , 4, 484-8	2.5	23
51	Remodeled respiration in ndufs4 with low phosphorylation efficiency suppresses Arabidopsis germination and growth and alters control of metabolism at night. <i>Plant Physiology</i> , 2009 , 151, 603-19	6.6	216
50	Regulation of carotenoid composition and shoot branching in Arabidopsis by a chromatin modifying histone methyltransferase, SDG8. <i>Plant Cell</i> , 2009 , 21, 39-53	11.6	176
49	Potential implications for epigenetic regulation of carotenoid biosynthesis during root and shoot development. <i>Plant Signaling and Behavior</i> , 2009 , 4, 339-41	2.5	20

48	The multiple roles of light-harvesting chlorophyll a/b-protein complexes define structure and optimize function of Arabidopsis chloroplasts: a study using two chlorophyll b-less mutants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009 , 1787, 973-84	4.6	101
47	Alternative splicing, activation of cryptic exons and amino acid substitutions in carotenoid biosynthetic genes are associated with lutein accumulation in wheat endosperm. <i>Functional and Integrative Genomics</i> , 2009 , 9, 363-76	3.8	96
46	The nucleotidase/phosphatase SAL1 is a negative regulator of drought tolerance in Arabidopsis. <i>Plant Journal</i> , 2009 , 58, 299-317	6.9	141
45	VERNALIZATION INSENSITIVE 3 (VIN3) is required for the response of Arabidopsis thaliana seedlings exposed to low oxygen conditions. <i>Plant Journal</i> , 2009 , 59, 576-87	6.9	48
44	Plastid signalling to the nucleus and beyond. <i>Trends in Plant Science</i> , 2008 , 13, 602-9	13.1	316
43	A rapid, non-invasive procedure for quantitative assessment of drought survival using chlorophyll fluorescence. <i>Plant Methods</i> , 2008 , 4, 27	5.8	167
42	Impact of chloroplastic- and extracellular-sourced ROS on high light-responsive gene expression in Arabidopsis. <i>Journal of Experimental Botany</i> , 2008 , 59, 121-33	7	105
41	The absence of ALTERNATIVE OXIDASE1a in Arabidopsis results in acute sensitivity to combined light and drought stress. <i>Plant Physiology</i> , 2008 , 147, 595-610	6.6	292
40	Systemic and intracellular responses to photooxidative stress in Arabidopsis. <i>Plant Cell</i> , 2007 , 19, 4091-1106	11.6	190
39	Carotenoids. <i>Advances in Photosynthesis and Respiration</i> , 2007 , 315-334	1.7	10
38	Quantification of cyclic electron flow around Photosystem I in spinach leaves during photosynthetic induction. <i>Photosynthesis Research</i> , 2007 , 94, 347-57	3.7	45
37	Regulation of lutein biosynthesis and prolamellar body formation in Arabidopsis. <i>Functional Plant Biology</i> , 2007 , 34, 663-672	2.7	50
36	Vitamin synthesis in plants: tocopherols and carotenoids. <i>Annual Review of Plant Biology</i> , 2006 , 57, 711-38	30.7	618
35	Comparative proteomics of high light stress in the model alga <i>Chlamydomonas reinhardtii</i> . <i>Proteomics</i> , 2006 , 6, 4309-20	4.8	43
34	Photoprotection of residual functional photosystem II units that survive illumination in the absence of repair, and their critical role in subsequent recovery. <i>Physiologia Plantarum</i> , 2006 , 128, 415-424	4.6	26
33	A mutation affecting ASCORBATE PEROXIDASE 2 gene expression reveals a link between responses to high light and drought tolerance. <i>Plant, Cell and Environment</i> , 2006 , 29, 269-81	8.4	149
32	Carotenoid accumulation and function in seeds and non-green tissues. <i>Plant, Cell and Environment</i> , 2006 , 29, 435-45	8.4	339
31	Improved survival of very high light and oxidative stress is conferred by spontaneous gain-of-function mutations in <i>Chlamydomonas</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2005 , 1709, 45-57	4.6	59

30	The Role of Carotenoids in Energy Quenching 2005 , 515-537		13
29	A simple chlorophyll fluorescence parameter that correlates with the rate coefficient of photoinactivation of photosystem II. <i>Photosynthesis Research</i> , 2005 , 84, 43-9	3.7	59
28	Postharvest Senescence of Vegetables and its Regulation 2004 , 319-329		3
27	Glucose-induced expression of carotenoid biosynthesis genes in the dark is mediated by cytosolic pH in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25320-5	5.4	45
26	Identifying photoprotection mutants in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2004 , 274, 287-99	1.4	8
25	Analgesia: morphine-pathway block in top1 poppies. <i>Nature</i> , 2004 , 431, 413-4	50.4	91
24	Carotenoids in Photosynthesis 2004 , 245-249		
23	Occurrence of the lutein-epoxide cycle in mistletoes of the Loranthaceae and Viscaceae. <i>Planta</i> , 2003 , 217, 868-79	4.7	48
22	A Mak-like kinase is a repressor of GAMYB in barley aleurone. <i>Plant Journal</i> , 2003 , 33, 707-17	6.9	42
21	Identification of the carotenoid isomerase provides insight into carotenoid biosynthesis, prolamellar body formation, and photomorphogenesis. <i>Plant Cell</i> , 2002 , 14, 321-32	11.6	373
20	Chlorophyll biosynthesis. Expression of a second chl I gene of magnesium chelatase in <i>Arabidopsis</i> supports only limited chlorophyll synthesis. <i>Plant Physiology</i> , 2002 , 128, 770-9	6.6	87
19	Global changes in gene expression in response to high light in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2002 , 130, 1109-20	6.6	234
18	Photoprotection in a zeaxanthin- and lutein-deficient double mutant of <i>Arabidopsis</i> . <i>Photosynthesis Research</i> , 2001 , 67, 139-45	3.7	171
17	Antisense inhibition of the beta-carotene hydroxylase enzyme in <i>Arabidopsis</i> and the implications for carotenoid accumulation, photoprotection and antenna assembly. <i>Photosynthesis Research</i> , 2001 , 67, 127-37	3.7	29
16	Genetic manipulation of carotenoid biosynthesis and photoprotection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000 , 355, 1395-403	5.8	108
15	Altered xanthophyll compositions adversely affect chlorophyll accumulation and nonphotochemical quenching in <i>Arabidopsis</i> mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 13324-9	11.5	275
14	Consequences of Cool Storage of Broccoli on Physiological and Biochemical Changes and Subsequent Senescence at 20 °C. <i>Journal of the American Society for Horticultural Science</i> , 1997 , 122, 553-558	2.3	29
13	Functional Analysis of the b and e Lycopene Cyclase Enzymes of <i>Arabidopsis</i> Reveals a Mechanism for Control of Cyclic Carotenoid Formation. <i>Plant Cell</i> , 1996 , 8, 1613	11.6	175

12	Arabidopsis carotenoid mutants demonstrate that lutein is not essential for photosynthesis in higher plants. <i>Plant Cell</i> , 1996 , 8, 1627-39	11.6	295
11	Characterization of a cDNA encoding the protein moiety of a putative arabinogalactan protein from <i>Lycopersicon esculentum</i> . <i>Plant Molecular Biology</i> , 1995 , 28, 347-52	4.6	31
10	Nucleotide sequence of a cDNA clone encoding 1-aminocyclopropane-1-carboxylic acid synthase from broccoli. <i>Plant Physiology</i> , 1995 , 108, 857-8	6.6	17
9	Nucleotide sequence of a cDNA clone from broccoli with high identity with the PSST subunit of NADH:ubiquinone oxidoreductase. <i>Plant Physiology</i> , 1995 , 108, 859-60	6.6	4
8	Differential expression of two 1-aminocyclopropane-1-carboxylic acid oxidase genes in broccoli after harvest. <i>Plant Physiology</i> , 1995 , 108, 651-7	6.6	82
7	Characterization of Mutations Disrupting Carotenoid Biosynthesis in <i>Arabidopsis Thaliana</i> 1995 , 3039-3042		
6	Accumulation of the β subunit of polygalacturonase 1 in normal and mutant tomato fruit. <i>Planta</i> , 1993 , 191, 71	4.7	3
5	Do multiple forms of tomato fruit endopolygalacturonase exist in situ?. <i>Postharvest Biology and Technology</i> , 1993 , 3, 17-26	6.2	13
4	On the Occurrence and Structure of Subunits of Endopolygalacturonase Isoforms in Mature-Green and Ripening Tomato Fruits. <i>Functional Plant Biology</i> , 1991 , 18, 65	2.7	17
3	Immunofluorescence localization of β amylase in the scutellum, germ aleurone and β normal α aleurone of germinated barley grains. <i>Protoplasma</i> , 1989 , 151, 128-136	3.4	13
2	A cis-carotene derived apocarotenoid regulates etioplast and chloroplast development		1
1	Retrograde Control of Cytosolic Translation Targets Synthesis of Plastid Localized Proteins and Nuclear Responses for Efficient Light Acclimation		2