

Thomas W Okita

List of Publications by Year in descending order

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159
papers

7,588
citations

38660

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times ranked

3633
citing authors

#	ARTICLE	IF	CITATIONS
1	The Rice Plastidial Phosphorylase Participates Directly in Both Sink and Source Processes. <i>Plant and Cell Physiology</i> , 2021, 62, 125-142.	1.5	2
2	A co-fractionation mass spectrometry-based prediction of protein complex assemblies in the developing rice aleurone-subaleurone. <i>Plant Cell</i> , 2021, 33, 2965-2980.	3.1	5
3	Source-Sink Relationships and Its Effect on Plant Productivity: Manipulation of Primary Carbon and Starch Metabolism. <i>Concepts and Strategies in Plant Sciences</i> , 2021, , 1-31.	0.6	5
4	The plastid phosphorylase as a multiple-role player in plant metabolism. <i>Plant Science</i> , 2020, 290, 110303.	1.7	13
5	Zipcode RNA-Binding Proteins and Membrane Trafficking Proteins Cooperate to Transport Glutelin mRNAs in Rice Endosperm. <i>Plant Cell</i> , 2020, 32, 2566-2581.	3.1	12
6	mRNA Localization in Plant Cells. <i>Plant Physiology</i> , 2020, 182, 97-109.	2.3	38
7	Targeted Endoplasmic Reticulum Localization of Storage Protein mRNAs Requires the RNA-Binding Protein RBP-L. <i>Plant Physiology</i> , 2019, 179, 1111-1131.	2.3	25
8	Mechanism Underlying Heat Stability of the Rice Endosperm Cytosolic ADP-Glucose Pyrophosphorylase. <i>Frontiers in Plant Science</i> , 2019, 10, 70.	1.7	8
9	The Role of RNA-Binding Protein OsTudor-SN in Post-Transcriptional Regulation of Seed Storage Proteins and Endosperm Development. <i>Plant and Cell Physiology</i> , 2019, 60, 2193-2205.	1.5	7
10	The rice storage protein mRNAs as a model system for RNA localization in higher plants. <i>Plant Science</i> , 2019, 284, 203-211.	1.7	9
11	Reprogramming of gene expression in the CS 8 rice line overexpressing ADP glucose pyrophosphorylase induces a suppressor of starch biosynthesis. <i>Plant Journal</i> , 2019, 97, 1073-1088.	2.8	14
12	RNA-Binding Protein RBP-P Is Required for Glutelin and Prolamine mRNA Localization in Rice Endosperm Cells. <i>Plant Cell</i> , 2018, 30, 2529-2552.	3.1	47
13	Selective sets of mRNAs localize to extracellular paramural bodies in a rice <i>glup6</i> mutant. <i>Journal of Experimental Botany</i> , 2018, 69, 5045-5058.	2.4	17
14	Multifunctional RNA Binding Protein OsTudor-SN in Storage Protein mRNA Transport and Localization. <i>Plant Physiology</i> , 2017, 175, 1608-1623.	2.3	27
15	Plastidic phosphoglucomutase and ADP-glucose pyrophosphorylase mutants impair starch synthesis in rice pollen grains and cause male sterility. <i>Journal of Experimental Botany</i> , 2016, 67, 5557-5569.	2.4	88
16	The Dual Roles of the Golgi Transport 1 (GOT1B): RNA Localization to the Cortical Endoplasmic Reticulum and the Export of Proglutelin and β -Globulin from the Cortical ER to the Golgi. <i>Plant and Cell Physiology</i> , 2016, 57, 2380-2391.	1.5	27
17	Rice Endosperm Starch Phosphorylase (Pho1) Assembles with Disproportionating Enzyme (Dpe1) to Form a Protein Complex That Enhances Synthesis of Malto-oligosaccharides. <i>Journal of Biological Chemistry</i> , 2016, 291, 19994-20007.	1.6	71
18	The plastidial starch phosphorylase from rice endosperm: catalytic properties at low temperature. <i>Planta</i> , 2016, 243, 999-1009.	1.6	29

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19	Analysis of the rice ADPglucose transporter (OsBT1) indicates the presence of regulatory processes in the amyloplast stroma that control ADPglucose flux into starch. <i>Plant Physiology</i> , 2016, 170, pp.01911.2015.	2.3	58
20	Increase of Grain Yields by Manipulating Starch Biosynthesis. , 2015, , 371-395.		7
21	Substrate binding properties of potato tuber ADPâ€¦glucose pyrophosphorylase as determined by isothermal titration calorimetry. <i>FEBS Letters</i> , 2015, 589, 1444-1449.	1.3	7
22	Guanine nucleotide exchange factor 2 for Rab5 proteins coordinated with GLUP6/GEF regulates the intracellular transport of the proglutelin from the Golgi apparatus to the protein storage vacuole in rice endosperm. <i>Journal of Experimental Botany</i> , 2015, 66, 6137-6147.	2.4	16
23	Developmental and Subcellular Organization of Single-Cell C4Photosynthesis in <i>Bienertia sinuspersici</i> Determined by Large-Scale Proteomics and cDNA Assembly from 454 DNA Sequencing. <i>Journal of Proteome Research</i> , 2015, 14, 2090-2108.	1.8	30
24	The Rice Endosperm ADP-Glucose Pyrophosphorylase Large Subunit is Essential for Optimal Catalysis and Allosteric Regulation of the Heterotetrameric Enzyme. <i>Plant and Cell Physiology</i> , 2014, 55, 1169-1183.	1.5	69
25	Multiple RNA Binding Protein Complexes Interact with the Rice Prolamine RNA Cis-Localization Zipcode Sequences. <i>Plant Physiology</i> , 2014, 164, 1271-1282.	2.3	20
26	The role of the large subunit in redox regulation of the rice endosperm <scp>ADP</scp>â€¦glucose pyrophosphorylase. <i>FEBS Journal</i> , 2014, 281, 4951-4963.	2.2	21
27	Exploring mechanisms linked to differentiation and function of dimorphic chloroplasts in the single cell C4 species <i>Bienertia sinuspersici</i> . <i>BMC Plant Biology</i> , 2014, 14, 34.	1.6	16
28	Characterization of RNA binding protein RBP-P reveals a possible role in rice glutelin gene expression and RNA localization. <i>Plant Molecular Biology</i> , 2014, 85, 381-394.	2.0	20
29	mRNA-based protein targeting to the endoplasmic reticulum and chloroplasts in plant cells. <i>Current Opinion in Plant Biology</i> , 2014, 22, 77-85.	3.5	26
30	Improving starch yield in cereals by over-expression of ADPglucose pyrophosphorylase: Expectations and unanticipated outcomes. <i>Plant Science</i> , 2013, 211, 52-60.	1.7	115
31	Modulation of Allosteric Regulation by E38K and G101N Mutations in the Potato Tuber ADP-glucose Pyrophosphorylase. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1854-1859.	0.6	2
32	A Guanine Nucleotide Exchange Factor for Rab5 Proteins Is Essential for Intracellular Transport of the Proglutelin from the Golgi Apparatus to the Protein Storage Vacuole in Rice Endosperm. <i>Plant Physiology</i> , 2013, 162, 663-674.	2.3	51
33	RiceRBP: A Resource for Experimentally Identified RNA Binding Proteins in <i>Oryza sativa</i> . <i>Frontiers in Plant Science</i> , 2012, 3, 90.	1.7	18
34	RNA targeting to a specific ER subâ€¦domain is required for efficient transport and packaging of Î±â€¦globulins to the protein storage vacuole in developing rice endosperm. <i>Plant Journal</i> , 2012, 70, 471-479.	2.8	41
35	Redox Regulation of Rice Endosperm ADPâ€¦glucose Pyrophosphorylase. <i>FASEB Journal</i> , 2012, 26, .	0.2	2
36	RiceRBP: A database of experimentally identified RNA-binding proteins in <i>Oryza sativa</i> L.. <i>Plant Science</i> , 2011, 180, 204-211.	1.7	23

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37	Exploiting leaf starch synthesis as a transient sink to elevate photosynthesis, plant productivity and yields. <i>Plant Science</i> , 2011, 181, 275-281.	1.7	61
38	In vitro cultures and regeneration of <i>Bienertia sinuspersici</i> (Chenopodiaceae) under increasing concentrations of sodium chloride and carbon dioxide. <i>Plant Cell Reports</i> , 2011, 30, 1541-1553.	2.8	13
39	The Small GTPase Rab5a Is Essential for Intracellular Transport of Proglutelin from the Golgi Apparatus to the Protein Storage Vacuole and Endosomal Membrane Organization in Developing Rice Endosperm. <i>Plant Physiology</i> , 2011, 157, 632-644.	2.3	44
40	Resolving the Compartmentation and Function of C4 Photosynthesis in the Single-Cell C4 Species <i>Bienertia sinuspersici</i> . <i>Plant Physiology</i> , 2011, 155, 1612-1628.	2.3	43
41	How do single cell C4 species form dimorphic chloroplasts?. <i>Plant Signaling and Behavior</i> , 2011, 6, 762-765.	1.2	9
42	A Role for the Cysteine-Rich 10 kDa Prolamin in Protein Body I Formation in Rice. <i>Plant and Cell Physiology</i> , 2011, 52, 1003-1016.	1.5	53
43	Expression profiling and proteomic analysis of isolated photosynthetic cells of the non-Kranz C4 species <i>Bienertia sinuspersici</i> . <i>Functional Plant Biology</i> , 2010, 37, 1.	1.1	33
44	Isolation and identification of cytoskeleton-associated prolamine mRNA binding proteins from developing rice seeds. <i>Planta</i> , 2010, 231, 1261-1276.	1.6	53
45	Characterization of the potato upreg1 gene, encoding a mutated ADP-glucose pyrophosphorylase large subunit, in transformed rice. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 102, 171-179.	1.2	10
46	The effects of salinity on photosynthesis and growth of the single-cell C4 species <i>Bienertia sinuspersici</i> (Chenopodiaceae). <i>Photosynthesis Research</i> , 2010, 106, 201-214.	1.6	31
47	Protein Disulfide Isomerase Like 1-1 Participates in the Maturation of Proglutelin Within the Endoplasmic Reticulum in Rice Endosperm. <i>Plant and Cell Physiology</i> , 2010, 51, 1581-1593.	1.5	77
48	Characterization of the rice glup4 mutant suggests a role for the small GTPase Rab5 in the biosynthesis of carbon and nitrogen storage reserves in developing endosperm. <i>Breeding Science</i> , 2010, 60, 556-567.	0.9	16
49	Gene-gene interactions between mutants that accumulate abnormally high amounts of proglutelin in rice seed. <i>Breeding Science</i> , 2010, 60, 568-574.	0.9	23
50	Rice endosperm-specific plastidial α -glucan phosphorylase is important for synthesis of short-chain malto-oligosaccharides. <i>Archives of Biochemistry and Biophysics</i> , 2010, 495, 82-92.	1.4	75
51	Identification of cis-Localization Elements that Target Glutelin RNAs to a Specific Subdomain of the Cortical Endoplasmic Reticulum in Rice Endosperm Cells. <i>Plant and Cell Physiology</i> , 2009, 50, 1710-1714.	1.5	35
52	Control of Starch Synthesis in Cereals: Metabolite Analysis of Transgenic Rice Expressing an Up-Regulated Cytoplasmic ADP-Glucose Pyrophosphorylase in Developing Seeds. <i>Plant and Cell Physiology</i> , 2009, 50, 635-643.	1.5	52
53	Structural changes in the vacuole and cytoskeleton are key to development of the two cytoplasmic domains supporting single-cell C4 photosynthesis in <i>Bienertia sinuspersici</i> . <i>Planta</i> , 2009, 229, 369-382.	1.6	25
54	Kinetic and regulatory properties of plant ADP-glucose pyrophosphorylase genetically modified by heterologous expression of potato upreg mutants in vitro and in vivo. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 96, 161-170.	1.2	26

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55	Identification of cis-localization elements of the maize 10kDa Da Zein and their use in targeting RNAs to specific cortical endoplasmic reticulum subdomains. <i>Plant Journal</i> , 2009, 60, 146-155.	2.8	28
56	Proteomic Analysis of Cytoskeleton-Associated RNA Binding Proteins in Developing Rice Seed. <i>Journal of Proteome Research</i> , 2009, 8, 4641-4653.	1.8	35
57	Salt tolerant mechanisms in single-cell C4 species <i>Bienertia sinuspersici</i> and <i>Suaeda aralocaspica</i> (Chenopodiaceae). <i>Plant Science</i> , 2009, 176, 616-626.	1.7	29
58	Photosynthetic features of non-Kranz type C4 versus Kranz type C4 and C3 species in subfamily Suaedoideae (Chenopodiaceae). <i>Functional Plant Biology</i> , 2009, 36, 770.	1.1	22
59	The cytoplasmic-localized, cytoskeletal-associated RNA binding protein <i>OsTudorSN</i> : evidence for an essential role in storage protein RNA transport and localization. <i>Plant Journal</i> , 2008, 55, 443-454.	2.8	48
60	Mutation of the Plastidial \pm -Glucan Phosphorylase Gene in Rice Affects the Synthesis and Structure of Starch in the Endosperm. <i>Plant Cell</i> , 2008, 20, 1833-1849.	3.1	250
61	Direct Appraisal of the Potato Tuber ADP-glucose Pyrophosphorylase Large Subunit in Enzyme Function by Study of a Novel Mutant Form. <i>Journal of Biological Chemistry</i> , 2008, 283, 6640-6647.	1.6	30
62	Leaf Development in the Single-Cell C ₄ System in <i>Bienertia sinuspersici</i> : Expression of Genes and Peptide Levels for C ₄ Metabolism in Relation to Chlorenchyma Structure under Different Light Conditions. <i>Plant Physiology</i> , 2008, 148, 593-610.	2.3	38
63	Subunit interactions specify the allosteric regulatory properties of the potato tuber ADP-glucose pyrophosphorylase. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 301-306.	1.0	15
64	Identification of the ADP-glucose pyrophosphorylase isoforms essential for starch synthesis in the leaf and seed endosperm of rice (<i>Oryza sativa</i> L.). <i>Plant Molecular Biology</i> , 2007, 65, 531-546.	2.0	178
65	Catalytic implications of the higher plant ADP-glucose pyrophosphorylase large subunit. <i>Phytochemistry</i> , 2007, 68, 464-477.	1.4	41
66	ATP binding site in the plant ADP-glucose pyrophosphorylase large subunit. <i>FEBS Letters</i> , 2006, 580, 6741-6748.	1.3	27
67	Enhanced turnover of transitory starch by expression of up-regulated ADP-glucose pyrophosphorylases in <i>Arabidopsis thaliana</i> . <i>Plant Science</i> , 2006, 170, 1-11.	1.7	51
68	Targeting of RNAs to ER Subdomains and its Relationship to Protein Localization. <i>Plant Cell Monographs</i> , 2006, , 25-43.	0.4	4
69	The role of mRNA and protein sorting in seed storage protein synthesis, transport, and deposition. <i>Biochemistry and Cell Biology</i> , 2005, 83, 728-737.	0.9	48
70	Allosteric regulation of the higher plant ADP-glucose pyrophosphorylase is a product of synergy between the two subunits. <i>FEBS Letters</i> , 2005, 579, 983-990.	1.3	50
71	Asymmetric Localization of Seed Storage Protein RNAs to Distinct Subdomains of the Endoplasmic Reticulum in Developing Maize Endosperm Cells. <i>Plant and Cell Physiology</i> , 2004, 45, 1830-1837.	1.5	33
72	Targeting of Proteins to Endoplasmic Reticulum-Derived Compartments in Plants. The Importance of RNA Localization. <i>Plant Physiology</i> , 2004, 136, 3414-3419.	2.3	64

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73	Both Subunits of ADP-Glucose Pyrophosphorylase Are Regulatory. <i>Plant Physiology</i> , 2004, 135, 137-144.	2.3	94
74	A polymorphic motif in the small subunit of ADP-glucose pyrophosphorylase modulates interactions between the small and large subunits. <i>Plant Journal</i> , 2004, 41, 501-511.	2.8	36
75	Rapid purification of the potato ADP-glucose pyrophosphorylase by polyhistidine-mediated chromatography. <i>Protein Expression and Purification</i> , 2004, 38, 99-107.	0.6	19
76	Engineering starch biosynthesis for increasing rice seed weight: the role of the cytoplasmic ADP-glucose pyrophosphorylase. <i>Plant Science</i> , 2004, 167, 1323-1333.	1.7	115
77	Expression, kinetics and regulatory properties of native and recombinant ADP-glucose pyrophosphorylase isoforms from chickpea. <i>Plant Physiology and Biochemistry</i> , 2003, 41, 399-405.	2.8	4
78	Relative turnover numbers of maize endosperm and potato tuber ADP-glucose pyrophosphorylases in the absence and presence of 3-phosphoglyceric acid. <i>Planta</i> , 2003, 217, 449-456.	1.6	32
79	The Transport of Prolamine RNAs to Prolamine Protein Bodies in Living Rice Endosperm Cells[W]. <i>Plant Cell</i> , 2003, 15, 2253-2264.	3.1	72
80	Dual Regulated RNA Transport Pathways to the Cortical Region in Developing Rice Endosperm. <i>Plant Cell</i> , 2003, 15, 2265-2272.	3.1	69
81	Isolation of a Crystal Matrix Protein Associated with Calcium Oxalate Precipitation in Vacuoles of Specialized Cells. <i>Plant Physiology</i> , 2003, 133, 549-559.	2.3	57
82	Metabolic Engineering of Starch for Enhanced Plant Productivity and Yields. <i>Journal of Applied Glycoscience</i> (1999), 2003, 50, 201-206.	0.3	6
83	Isolation and Characterization of Starch Mutants in Rice. <i>Journal of Applied Glycoscience</i> (1999), 2003, 50, 225-230.	0.3	44
84	Isolation and Characterization of Two cDNAs for Large and Small Subunits of ADP-glucose Pyrophosphorylase from Kidney Bean. <i>Journal of Applied Glycoscience</i> (1999), 2003, 50, 475-479.	0.3	3
85	The Rice Mutant esp2 Greatly Accumulates the Glutelin Precursor and Deletes the Protein Disulfide Isomerase. <i>Plant Physiology</i> , 2002, 128, 1212-1222.	2.3	211
86	Interactions of Nitrate and CO ₂ Enrichment on Growth, Carbohydrates, and Rubisco in Arabidopsis Starch Mutants. Significance of Starch and Hexose. <i>Plant Physiology</i> , 2002, 130, 1573-1583.	2.3	60
87	Directed molecular evolution of ADP-glucose pyrophosphorylase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1070-1075.	3.3	55
88	mRNA localization in plants: targeting to the cell's cortical region and beyond. <i>Current Opinion in Plant Biology</i> , 2002, 5, 553-559.	3.5	86
89	Generation, characterization, and heterologous expression of wild-type and up-regulated forms of Arabidopsis thaliana leaf ADP-glucose pyrophosphorylase. <i>Planta</i> , 2002, 215, 430-439.	1.6	32
90	Isolation and characterization of cDNA clones encoding ADP-glucose pyrophosphorylase (AGPase) large and small subunits from chickpea (<i>Cicer arietinum</i> L.). <i>Phytochemistry</i> , 2002, 59, 261-268.	1.4	13

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91	Investigation of Subunit Function in ADP-Glucose Pyrophosphorylase. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 783-787.	1.0	32
92	Subcellular compartmentation and allosteric regulation of the rice endosperm ADPglucose pyrophosphorylase. <i>Plant Science</i> , 2001, 161, 461-468.	1.7	106
93	Identification of a cytoskeleton-associated 120 kDa RNA-binding protein in developing rice seeds. <i>Plant Molecular Biology</i> , 2001, 46, 79-88.	2.0	40
94	Analysis of Allosteric Effector Binding Sites of Potato ADP-glucose Pyrophosphorylase through Reverse Genetics. <i>Journal of Biological Chemistry</i> , 2001, 276, 40834-40840.	1.6	37
95	Transcriptional Expression Characteristics and Subcellular Localization of ADP-Glucose Pyrophosphorylase in the Oil Plant <i>Perilla frutescens</i> . <i>Plant and Cell Physiology</i> , 2001, 42, 146-153.	1.5	28
96	Increasing Rice Productivity and Yield by Manipulation of Starch Synthesis. <i>Novartis Foundation Symposium</i> , 2001, 236, 135-152.	1.2	16
97	Messenger RNA targeting of rice seed storage proteins to specific ER subdomains. <i>Nature</i> , 2000, 407, 765-767.	13.7	166
98	The conversion of carbon and nitrogen into starch and storage proteins in developing storage organs: an overview. <i>Functional Plant Biology</i> , 2000, 27, 561.	1.1	9
99	Developing prolamine protein bodies are associated with the cortical cytoskeleton in rice endosperm cells. <i>Planta</i> , 2000, 211, 227-238.	1.6	31
100	The production of recombinant proteins in transgenic barley grains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1914-1919.	3.3	188
101	A cytoskeleton-associated RNA-binding protein binds to the untranslated regions of prolamine mRNA and to poly(A). <i>Plant Science</i> , 2000, 152, 115-122.	1.7	14
102	Engineering starch for increased quantity and quality. <i>Trends in Plant Science</i> , 2000, 5, 291-298.	4.3	160
103	Isolation and characterization of a higher plant ADP-glucose pyrophosphorylase small subunit homotetramer. <i>FEBS Letters</i> , 2000, 482, 113-118.	1.3	35
104	Modification of Carbon Partitioning, Photosynthetic Capacity, and O ₂ Sensitivity in Arabidopsis Plants with Low ADP-Glucose Pyrophosphorylase Activity ¹ . <i>Plant Physiology</i> , 1999, 119, 267-276.	2.3	99
105	Feedback inhibition of photosynthesis in rice measured by O ₂ dependent transients. <i>Photosynthesis Research</i> , 1999, 59, 187-200.	1.6	24
106	Rice Glutelins. , 1999, , 401-425.		38
107	The Prolamins of Rice. , 1999, , 93-108.		13
108	Substrate binding mutants of the higher plant ADP-glucose phrophosphorylase. <i>Phytochemistry</i> , 1998, 47, 621-629.	1.4	26

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109	N- and C-terminal peptide sequences are essential for enzyme assembly, allosteric, and/or catalytic properties of ADP-glucose pyrophosphorylase. <i>Plant Journal</i> , 1998, 14, 159-168.	2.8	42
110	Evidence for a Cytoskeleton-Associated Binding Site Involved in Prolamine mRNA Localization to the Protein Bodies in Rice Endosperm Tissue1. <i>Plant Physiology</i> , 1998, 116, 559-569.	2.3	53
111	Generation of up-regulated allosteric variants of potato ADP-glucose pyrophosphorylase by reversion genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10322-10327.	3.3	51
112	The Storage Proteins of Rice and Oat. <i>Advances in Cellular and Molecular Biology of Plants</i> , 1997, , 289-330.	0.2	29
113	Identification of positive and negative regulatory cis-elements of the rice glutelin Gt3 promoter. <i>Plant Science</i> , 1996, 116, 27-35.	1.7	18
114	A single mutation that increases maize seed weight.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 5824-5829.	3.3	211
115	Mutagenesis of the potato ADPglucose pyrophosphorylase and characterization of an allosteric mutant defective in 3-phosphoglycerate activation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 1509-1513.	3.3	51
116	Cis-elements important for the expression of the ADP-glucose pyrophosphorylase small-subunit are located both upstream and downstream from its structural gene. <i>Molecular Genetics and Genomics</i> , 1996, 250, 581-592.	2.4	6
117	COMPARTMENTATION OF PROTEINS IN THE ENDOMEMBRANE SYSTEM OF PLANT CELLS. <i>Annual Review of Plant Biology</i> , 1996, 47, 327-350.	14.2	165
118	Cis. <i>Molecular Genetics and Genomics</i> , 1996, 250, 581.	2.4	2
119	Analysis of randomly isolated cDNAs from developing endosperm of rice (<i>Oryza sativa</i> L.): evaluation of expressed sequence tags, and expression levels of mRNAs. <i>Plant Molecular Biology</i> , 1995, 29, 685-689.	2.0	43
120	Chapter 13 Localization of RNA by High Resolution in Situ Hybridization. <i>Methods in Cell Biology</i> , 1995, 49, 185-199.	0.5	1
121	Tissue-specific expression and temporal regulation of the rice glutelin Gt3 gene are conferred by at least two spatially separated cis-regulatory elements. <i>Plant Molecular Biology</i> , 1994, 25, 429-436.	2.0	37
122	Targeting of mRNAs to domains of the endoplasmic reticulum. <i>Trends in Cell Biology</i> , 1994, 4, 91-96.	3.6	44
123	Prospects for the Production of Cereals with Improved Starch Properties. , 1994, , 115-127.		5
124	5' distal and proximal cis-acting regulator elements are required for developmental control of a rice seed storage protein glutelin gene. <i>Plant Journal</i> , 1993, 4, 357-366.	2.8	95
125	Analysis of nuclear proteins interacting with a wheat ??-gliadin seed storage protein gene. <i>Plant Molecular Biology</i> , 1993, 22, 25-41.	2.0	9
126	Segregation of storage protein mRNAs on the rough endoplasmic reticulum membranes of rice endosperm cells. <i>Cell</i> , 1993, 72, 869-879.	13.5	159

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127	Enhancement of Plant Productivity by Manipulation of ADPglucose Pyrophosphorylase. Stadler Genetics Symposia Series, 1993, , 161-191.	0.0	8
128	Is There an Alternative Pathway for Starch Synthesis?. Plant Physiology, 1992, 100, 560-564.	2.3	131
129	Molecular characterization of the gene encoding a rice endosperm-specific ADPglucose pyrophosphorylase subunit and its developmental pattern of transcription. Gene, 1991, 97, 199-205.	1.0	47
130	Structural and functional analysis of promoter from gliadin, an endosperm-specific storage protein gene of Triticum aestivum L.. Molecular Genetics and Genomics, 1991, 225, 65-71.	2.4	18
131	Accurate in vitro transcription of plant promoters with nuclear extracts prepared from cultured plant cells. Plant Molecular Biology, 1991, 16, 771-786.	2.0	19
132	Comparison of the primary sequences of two potato tuber ADP-glucose pyrophosphorylase subunits. Plant Molecular Biology, 1991, 17, 1089-1093.	2.0	84
133	Expression of a rice glutelin promoter in transgenic tobacco. Plant Molecular Biology, 1990, 14, 41-50.	2.0	56
134	The Subunit Structure of Potato Tuber ADPglucose Pyrophosphorylase. Plant Physiology, 1990, 93, 785-790.	2.3	177
135	Molecular Aspects of Storage Protein and Starch Synthesis in Wheat and Rice Seeds. , 1989, , 289-327.		3
136	Regulation of Starch Synthesis. ACS Symposium Series, 1989, , 84-92.	0.5	8
137	Immunocytochemical Localization of ADPglucose Pyrophosphorylase in Developing Potato Tuber Cells. Plant Physiology, 1989, 91, 217-220.	2.3	52
138	Formation of wheat protein bodies: Involvement of the Golgi apparatus in gliadin transport. Planta, 1988, 176, 173-182.	1.6	83
139	Nucleotide and primary sequence of a major rice prolamine. FEBS Letters, 1988, 231, 308-310.	1.3	36
140	Immunological relationships among the major seed proteins of cereals. Plant Science, 1988, 57, 103-111.	1.7	20
141	Structure, Expression, and Heterogeneity of the Rice Seed Prolamines. Plant Physiology, 1988, 88, 649-655.	2.3	80
142	Analyses of $\hat{1}\pm/\hat{1}^2$ -type gliadin genes from diploid and hexaploid wheats. Gene, 1987, 52, 257-266.	1.0	57
143	Immunochemical studies on the role of the Golgi complex in protein-body formation in rice seeds. Planta, 1986, 169, 471-480.	1.6	214
144	ADPglucose Pyrophosphorylase Is Encoded by Different mRNA Transcripts in Leaf and Endosperm of Cereals. Plant Physiology, 1986, 81, 642-645.	2.3	74

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145	Structural Relationship among the Rice Glutelin Polypeptides. <i>Plant Physiology</i> , 1986, 81, 748-753.	2.3	85
146	Gene Expression in Developing Wheat Endosperm. <i>Plant Physiology</i> , 1986, 82, 34-40.	2.3	49
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