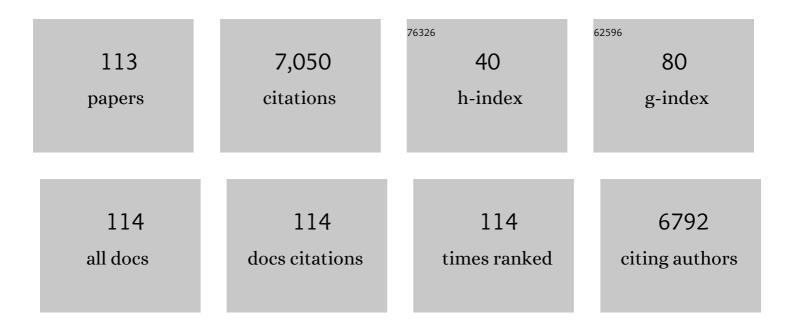
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Production of a Bacteria-like Particle Vaccine Targeting Rock Bream (Oplegnathus fasciatus) Iridovirus Using Nicotiana benthamiana. Journal of Plant Biology, 2022, 65, 21-28.	2.1	2
2	Spatial regulation of RBOHD via AtECA4â€mediated recycling and clathrinâ€mediated endocytosis contributes to ROS accumulation during salt stress response but not flg22â€induced immune response. Plant Journal, 2022, 109, 816-830.	5.7	16
3	Proteomic characterization of isolated Arabidopsis clathrin-coated vesicles reveals evolutionarily conserved and plant-specific components. Plant Cell, 2022, 34, 2150-2173.	6.6	31
4	<i>TIC236</i> gain-of-function mutations unveil the link between plastid division and plastid protein import. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2123353119.	7.1	8
5	<scp>SORTING NEXIN2</scp> proteins mediate stomatal movement and the response to drought stress by modulating trafficking and protein levels of the <scp>ABA</scp> exporter <scp>ABCG25</scp> . Plant Journal, 2022, 110, 1603-1618.	5.7	8
6	E3 ligase BRUTUS Is a Negative Regulator for the Cellular Energy Level and the Expression of Energy Metabolism-Related Genes Encoded by Two Organellar Genomes in Leaf Tissues. Molecules and Cells, 2022, 45, 294-305.	2.6	1
7	The B1 Domain of Streptococcal Protein G Serves as a Multi-Functional Tag for Recombinant Protein Production in Plants. Frontiers in Plant Science, 2022, 13, 878677.	3.6	4
8	Production of Recombinant Active Human TGF 21 in Nicotiana benthamiana. Frontiers in Plant Science, 2022, 13, .	3.6	3
9	GREEN FLUORESCENT PROTEIN variants with enhanced folding are more efficiently imported into chloroplasts. Plant Physiology, 2022, 190, 238-249.	4.8	2
10	<scp>TaSRO1</scp> plays a dual role in suppressing <scp>TaSIP1</scp> to fine tune mitochondrial retrograde signalling and enhance salinity stress tolerance. New Phytologist, 2022, 236, 495-511.	7.3	11
11	The trafficking machinery of lytic and protein storage vacuoles: how much is shared and how much is distinct?. Journal of Experimental Botany, 2021, 72, 3504-3512.	4.8	12
12	Understanding the evolution of endosymbiotic organelles based on the targeting sequences of organellar proteins. New Phytologist, 2021, 230, 924-930.	7.3	16
13	Dynamic spatial reorganization of BSK1 complexes in the plasma membrane underpins signal-specific activation for growth and immunity. Molecular Plant, 2021, 14, 588-603.	8.3	32
14	Chloroplast thylakoid ascorbate peroxidase PtotAPX plays a key role in chloroplast development by decreasing hydrogen peroxide in <i>Populus tomentosa</i> . Journal of Experimental Botany, 2021, 72, 4333-4354.	4.8	7
15	Production of Gloeophyllum trabeum Endoglucanase Cel12A in Nicotiana benthamiana for Cellulose Degradation. Frontiers in Plant Science, 2021, 12, 696199.	3.6	5
16	Plantâ€based, adjuvantâ€free, potent multivalent vaccines for avian influenza virus via <i>Lactococcus</i> surface display. Journal of Integrative Plant Biology, 2021, 63, 1505-1520.	8.5	13
17	Longâ€ŧerm abscisic acid promotes golden2â€like1 degradation through constitutive photomorphogenic 1 in a light intensityâ€dependent manner to suppress chloroplast development. Plant, Cell and Environment, 2021, 44, 3034-3048.	5.7	20
18	Functional Organization of Sequence Motifs in Diverse Transit Peptides of Chloroplast Proteins. Frontiers in Physiology, 2021, 12, 795156.	2.8	4

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19	High-level production in a plant system of a thermostable carbonic anhydrase and its immobilization on microcrystalline cellulose beads for CO2 capture. Plant Cell Reports, 2020, 39, 1317-1329.	5.6	9
20	Liquid–Liquid Phase Transition as a New Means of Protein Targeting in Chloroplasts. Molecular Plant, 2020, 13, 679-681.	8.3	1
21	A Fight between Plants and Pathogens for the Control of Chloroplasts. Cell Host and Microbe, 2020, 28, 351-352.	11.0	5
22	A DNA Methylation Reader–Chaperone Regulator–Transcription Factor Complex Activates <i>OsHKT1;5</i> Expression during Salinity Stress. Plant Cell, 2020, 32, 3535-3558.	6.6	63
23	Overexpression and Purification of Gracilariopsis chorda Carbonic Anhydrase (GcCAα3) in Nicotiana benthamiana, and Its Immobilization and Use in CO2 Hydration Reactions. Frontiers in Plant Science, 2020, 11, 563721.	3.6	8
24	Cross-Species Functional Conservation and Possible Origin of the N-Terminal Specificity Domain of Mitochondrial Presequences. Frontiers in Plant Science, 2020, 11, 64.	3.6	6
25	In Vivo Removal of N-Terminal Fusion Domains From Recombinant Target Proteins Produced in Nicotiana benthamiana. Frontiers in Plant Science, 2020, 11, 440.	3.6	10
26	Plant-Produced N-glycosylated Ag85A Exhibits Enhanced Vaccine Efficacy Against Mycobacterium tuberculosis HN878 Through Balanced Multifunctional Th1 T Cell Immunity. Vaccines, 2020, 8, 189.	4.4	7
27	Production of bacteriophage-encoded endolysin, LysP11, in Nicotiana benthamiana and its activity as a potent antimicrobial agent against Erysipelothrix rhusiopathiae. Plant Cell Reports, 2019, 38, 1485-1499.	5.6	11
28	Development of fast and sensitive protocols for the detection of viral pathogens using a small portable convection PCR platform. Molecular Biology Reports, 2019, 46, 5073-5077.	2.3	5
29	Protein import into chloroplasts via the Tic40-dependent and -independent pathways depends on the amino acid composition of the transit peptide. Biochemical and Biophysical Research Communications, 2019, 518, 66-71.	2.1	9
30	Agrobacterium-mediated transient transformation of Bienertia sinuspersici to assay recombinant protein distribution between dimorphic chloroplasts. Plant Cell Reports, 2019, 38, 779-782.	5.6	1
31	Plastid biogenesis and homeostasis. Plant Cell Reports, 2019, 38, 777-778.	5.6	Ο
32	Production of recombinant proteins through sequestration in chloroplasts: a strategy based on nuclear transformation and post-translational protein import. Plant Cell Reports, 2019, 38, 825-833.	5.6	12
33	Structural Analysis of Tha4, a Twin-arginine Translocase Protein Localized in Plant Thylakoid Membranes. Journal of Plant Biology, 2019, 62, 129-136.	2.1	4
34	Development of Recombinant Protein-Based Vaccine Against Classical Swine Fever Virus in Pigs Using Transgenic Nicotiana benthamiana. Frontiers in Plant Science, 2019, 10, 624.	3.6	21
35	Molecular Mechanism of the Specificity of Protein Import into Chloroplasts and Mitochondria in Plant Cells. Molecular Plant, 2019, 12, 951-966.	8.3	41
36	Electron Tomography Analysis of Thylakoid Assembly and Fission in Chloroplasts of a Single-Cell C4 plant, Bienertia sinuspersici. Scientific Reports, 2019, 9, 19640.	3.3	12

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37	Expression of seven carbonic anhydrases in red alga Gracilariopsis chorda and their subcellular localization in a heterologous system, Arabidopsis thaliana. Plant Cell Reports, 2019, 38, 147-159.	5.6	11
38	Costâ€effective production of tagâ€less recombinant protein in <i>Nicotiana benthamiana</i> . Plant Biotechnology Journal, 2019, 17, 1094-1105.	8.3	42
39	Jasmonic acidâ€ i nducible <scp>TSA</scp> 1 facilitates <scp>ER</scp> body formation. Plant Journal, 2019, 97, 267-280.	5.7	18
40	The A/ENTH Domain-Containing Protein AtECA4 Is an Adaptor Protein Involved in Cargo Recycling from the trans-Golgi Network/Early Endosome to the Plasma Membrane. Molecular Plant, 2018, 11, 568-583.	8.3	19
41	AtCAP2 is crucial for lytic vacuole biogenesis during germination by positively regulating vacuolar protein trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1675-E1683.	7.1	13
42	Fusion of a highly N-glycosylated polypeptide increases the expression of ER-localized proteins in plants. Scientific Reports, 2018, 8, 4612.	3.3	21
43	Prolines in Transit Peptides Are Crucial for Efficient Preprotein Translocation into Chloroplasts. Plant Physiology, 2018, 176, 663-677.	4.8	41
44	Studying Protein Import into Chloroplasts Using Protoplasts. Journal of Visualized Experiments, 2018,	0.3	0
45	Physiological and Molecular Processes Associated with Long Duration of ABA Treatment. Frontiers in Plant Science, 2018, 9, 176.	3.6	22
46	Development of Plant-produced E2 Protein for Use as a Green Vaccine Against Classical Swine Fever Virus. Journal of Plant Biology, 2018, 61, 241-252.	2.1	20
47	Evolution and Design Principles of the Diverse Chloroplast Transit Peptides. Molecules and Cells, 2018, 41, 161-167.	2.6	35
48	The Prenylated Rab GTPase Receptor PRA1.F4 Contributes to Protein Exit from the Golgi Apparatus. Plant Physiology, 2017, 174, 1576-1594.	4.8	22
49	SH3 Domain-Containing Protein 2 Plays a Crucial Role at the Step of Membrane Tubulation during Cell Plate Formation. Plant Cell, 2017, 29, 1388-1405.	6.6	42
50	Transit peptide elements mediate selective protein targeting to two different types of chloroplasts in the single-cell C4 species Bienertia sinuspersici. Scientific Reports, 2017, 7, 41187.	3.3	14
51	Evolution of rubisco complex small subunit transit peptides from algae to plants. Scientific Reports, 2017, 7, 9279.	3.3	32
52	SCYL2 Genes Are Involved in Clathrin-Mediated Vesicle Trafficking and Essential for Plant Growth. Plant Physiology, 2017, 175, 194-209.	4.8	10
53	Sorting of nuclear-encoded chloroplast membrane proteins. Current Opinion in Plant Biology, 2017, 40, 1-7.	7.1	42
54	Interactions between Transmembrane Helices within Monomers of the Aquaporin AtPIP2;1 Play a Crucial Role in Tetramer Formation. Molecular Plant, 2016, 9, 1004-1017.	8.3	19

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55	Spatial Regulation of ABCG25, an ABA Exporter, Is an Important Component of the Mechanism Controlling Cellular ABA Levels. Plant Cell, 2016, 28, 2528-2544.	6.6	46
56	Arabidopsis BAG1 Functions as a Cofactor in Hsc70-Mediated Proteasomal Degradation of Unimported Plastid Proteins. Molecular Plant, 2016, 9, 1428-1431.	8.3	43
57	Cytochrome b5 Reductase 1 Triggers Serial Reactions that Lead to Iron Uptake in Plants. Molecular Plant, 2016, 9, 501-513.	8.3	26
58	Sequence Motifs in Transit Peptides Act as Independent Functional Units and Can Be Transferred to New Sequence Contexts Â. Plant Physiology, 2015, 169, 471-484.	4.8	34
59	Targeting and biogenesis of transporters and channels in chloroplast envelope membranes: Unsolved questions. Cell Calcium, 2015, 58, 122-130.	2.4	17
60	Cytosolic targeting factor AKR2A captures chloroplast outer membrane-localized client proteins at the ribosome during translation. Nature Communications, 2015, 6, 6843.	12.8	31
61	Oral immunization of haemaggulutinin H5 expressed in plant endoplasmic reticulum with adjuvant saponin protects mice against highly pathogenic avian influenza A virus infection. Plant Biotechnology Journal, 2015, 13, 62-72.	8.3	31
62	Abscisic acid: biosynthesis, inactivation, homoeostasis and signalling. Essays in Biochemistry, 2015, 58, 29-48.	4.7	183
63	Physiological Functions of the COPI Complex in Higher Plants. Molecules and Cells, 2015, 38, 866-875.	2.6	41
64	Contribution of ABA UDP-glucosyltransferases in coordination of ABA biosynthesis and catabolism for ABA homeostasis. Plant Signaling and Behavior, 2014, 9, e28888.	2.4	29
65	Specific targeting of proteins to outer envelope membranes of endosymbiotic organelles, chloroplasts, and mitochondria. Frontiers in Plant Science, 2014, 5, 173.	3.6	58
66	Adaptor proteins in protein trafficking between endomembrane compartments in plants. Journal of Plant Biology, 2014, 57, 265-273.	2.1	9
67	The immediate upstream region of the 5′-UTR from the AUG start codon has a pronounced effect on the translational efficiency in Arabidopsis thaliana. Nucleic Acids Research, 2014, 42, 485-498.	14.5	130
68	Abscisic Acid Uridine Diphosphate Glucosyltransferases Play a Crucial Role in Abscisic Acid Homeostasis in Arabidopsis. Plant Physiology, 2014, 165, 277-289.	4.8	80
69	An Ankyrin Repeat Domain of AKR2 Drives Chloroplast Targeting through Coincident Binding of Two Chloroplast Lipids. Developmental Cell, 2014, 30, 598-609.	7.0	49
70	Vacuolar Sorting Receptor-Mediated Trafficking of Soluble Vacuolar Proteins in Plant Cells. Plants, 2014, 3, 392-408.	3.5	19
71	The Clathrin Adaptor Complex AP-2 Mediates Endocytosis of BRASSINOSTEROID INSENSITIVE1 in <i>Arabidopsis</i> Â. Plant Cell, 2013, 25, 2986-2997.	6.6	171
72	Adaptor Protein Complex 2–Mediated Endocytosis Is Crucial for Male Reproductive Organ Development in <i>Arabidopsis</i> . Plant Cell, 2013, 25, 2970-2985.	6.6	106

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73	The Arabidopsis NAC Transcription Factor ANAC096 Cooperates with bZIP-Type Transcription Factors in Dehydration and Osmotic Stress Responses. Plant Cell, 2013, 25, 4708-4724.	6.6	240
74	Direct Targeting of Proteins from the Cytosol toÂOrganelles: The <scp>ER</scp> versus Endosymbiotic Organelles. Traffic, 2013, 14, 613-621.	2.7	38
75	Cytosolic events involved in chloroplast protein targeting. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 245-252.	4.1	55
76	Generation of transgenic Arabidopsis plants expressing mcherry-fused organelle marker proteins. Journal of Plant Biology, 2013, 56, 399-406.	2.1	13
77	Mitochondrial Targeting of the <i>Arabidopsis</i> F1-ATPase γ-Subunit via Multiple Compensatory and Synergistic Presequence Motifs. Plant Cell, 2013, 24, 5037-5057.	6.6	28
78	Trafficking of Vacuolar Proteins: The Crucial Role of <i>Arabidopsis</i> Vacuolar Protein Sorting 29 in Recycling Vacuolar Sorting Receptor. Plant Cell, 2013, 24, 5058-5073.	6.6	41
79	<i>Arabidopsis</i> μ-adaptin subunit AP1M of adaptor protein complex 1 mediates late secretory and vacuolar traffic and is required for growth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10318-10323.	7.1	129
80	An A/ENTH Domain-Containing Protein Functions as an Adaptor for Clathrin-Coated Vesicles on the Growing Cell Plate in Arabidopsis Root Cells Â. Plant Physiology, 2012, 159, 1013-1025.	4.8	71
81	A Vacuolar β-Glucosidase Homolog That Possesses Glucose-Conjugated Abscisic Acid Hydrolyzing Activity Plays an Important Role in Osmotic Stress Responses in <i>Arabidopsis</i> . Plant Cell, 2012, 24, 2184-2199.	6.6	251
82	Transient Expression and Analysis of Chloroplast Proteins in Arabidopsis Protoplasts. Methods in Molecular Biology, 2011, 774, 59-71.	0.9	17
83	Localization and Trafficking of an Isoform of the AtPRA1 Family to the Golgi Apparatus Depend on Both N―and Câ€Terminal Sequence Motifs. Traffic, 2011, 12, 185-200.	2.7	10
84	The AP-3 adaptor complex is required for vacuolar function in Arabidopsis. Cell Research, 2011, 21, 1711-1722.	12.0	114
85	Both the Hydrophobicity and a Positively Charged Region Flanking the C-Terminal Region of the Transmembrane Domain of Signal-Anchored Proteins Play Critical Roles in Determining Their Targeting Specificity to the Endoplasmic Reticulum or Endosymbiotic Organelles in <i>Arabidopsis</i> Cells. Plant Cell. 2011. 23. 1588-1607.	6.6	63
86	Phosphoinositides Regulate Clathrin-Dependent Endocytosis at the Tip of Pollen Tubes in <i>Arabidopsis</i>	6.6	165
87	An Arabidopsis Prenylated Rab Acceptor 1 Isoform, AtPRA1.B6, Displays Differential Inhibitory Effects on Anterograde Trafficking of Proteins at the Endoplasmic Reticulum Â. Plant Physiology, 2011, 157, 645-658.	4.8	30
88	Heat Shock Protein Cognate 70-4 and an E3 Ubiquitin Ligase, CHIP, Mediate Plastid-Destined Precursor Degradation through the Ubiquitin-26S Proteasome System in <i>Arabidopsis</i> Â Â. Plant Cell, 2010, 21, 3984-4001.	6.6	173
89	Multiple Sequence Motifs in the Rubisco Small Subunit Transit Peptide Independently Contribute to Toc159-Dependent Import of Proteins into Chloroplasts Â. Plant Physiology, 2009, 151, 129-141.	4.8	64
90	A 1-Megadalton Translocation Complex Containing Tic20 and Tic21 Mediates Chloroplast Protein Import at the Inner Envelope Membrane. Plant Cell, 2009, 21, 1781-1797.	6.6	107

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91	Transport vesicle formation in plant cells. Current Opinion in Plant Biology, 2009, 12, 660-669.	7.1	90
92	<i>Arabidopsis</i> Nuclear-Encoded Plastid Transit Peptides Contain Multiple Sequence Subgroups with Distinctive Chloroplast-Targeting Sequence Motifs. Plant Cell, 2008, 20, 1603-1622.	6.6	117
93	Sorting and Anterograde Trafficking at the Golgi Apparatus: Figure 1 Plant Physiology, 2008, 148, 673-683.	4.8	36
94	EpsinR2 Interacts with Clathrin, Adaptor Protein-3, AtVTI12, and Phosphatidylinositol-3-Phosphate. Implications for EpsinR2 Function in Protein Trafficking in Plant Cells. Plant Physiology, 2007, 143, 1561-1575.	4.8	61
95	Clathrin-Mediated Constitutive Endocytosis of PIN Auxin Efflux Carriers in Arabidopsis. Current Biology, 2007, 17, 520-527.	3.9	586
96	Arabidopsis EPSIN1 Plays an Important Role in Vacuolar Trafficking of Soluble Cargo Proteins in Plant Cells via Interactions with Clathrin, AP-1, VTI11, and VSR1. Plant Cell, 2006, 18, 2258-2274.	6.6	96
97	Activation of Glucosidase via Stress-Induced Polymerization Rapidly Increases Active Pools of Abscisic Acid. Cell, 2006, 126, 1109-1120.	28.9	582
98	Functional Characterization of Sequence Motifs in the Transit Peptide of Arabidopsis Small Subunit of Rubisco. Plant Physiology, 2006, 140, 466-483.	4.8	104
99	Actin Filaments Play a Critical Role in Vacuolar Trafficking at the Golgi Complex in Plant Cells. Plant Cell, 2005, 17, 888-902.	6.6	93
100	AtRMR1 functions as a cargo receptor for protein trafficking to the protein storage vacuole. Journal of Cell Biology, 2005, 170, 757-767.	5.2	101
101	Identification of the Protein Storage Vacuole and Protein Targeting to the Vacuole in Leaf Cells of Three Plant Species. Plant Physiology, 2004, 134, 625-639.	4.8	114
102	The Arabidopsis Rab5 Homologs Rha1 and Ara7 Localize to the Prevacuolar Compartment. Plant and Cell Physiology, 2004, 45, 1211-1220.	3.1	127
103	Rha1, an Arabidopsis Rab5 Homolog, Plays a Critical Role in the Vacuolar Trafficking of Soluble Cargo Proteins. Plant Cell, 2003, 15, 1057-1070.	6.6	208
104	ADP-Ribosylation Factor 1 of Arabidopsis Plays a Critical Role in Intracellular Trafficking and Maintenance of Endoplasmic Reticulum Morphology in Arabidopsis. Plant Physiology, 2002, 129, 1507-1520.	4.8	121
105	In vivo import experiments in protoplasts reveal the importance of the overall context but not specific amino acid residues of the transit peptide during import into chloroplasts. Molecules and Cells, 2002, 14, 388-97.	2.6	43
106	A novel dual-specificity protein kinase targeted to the chloroplast in tobacco1. FEBS Letters, 2001, 497, 124-130.	2.8	10
107	A New Dynamin-Like Protein, ADL6, Is Involved in Trafficking from the <i>trans</i> -Golgi Network to the Central Vacuole in Arabidopsis. Plant Cell, 2001, 13, 1511-1526.	6.6	304
108	Identification of a Signal That Distinguishes between the Chloroplast Outer Envelope Membrane and the Endomembrane System in Vivo. Plant Cell, 2001, 13, 2175-2190.	6.6	198

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109	Constitutive over-expression of AtGSK1 induces NaCl stress responses in the absence of NaCl stress and results in enhanced NaCl tolerance in Arabidopsis. Plant Journal, 2001, 27, 305-314.	5.7	104
110	Trafficking of Phosphatidylinositol 3-Phosphate from the trans-Golgi Network to the Lumen of the Central Vacuole in Plant Cells. Plant Cell, 2001, 13, 287-301.	6.6	249
111	Arabidopsis Dynamin-Like 2 That Binds Specifically to Phosphatidylinositol 4-Phosphate Assembles into a High-Molecular Weight Complex in Vivo and in Vitro. Plant Physiology, 2001, 127, 1243-1255.	4.8	53
112	An Arabidopsis GSK3/shaggy-Like Gene That Complements Yeast Salt Stress-Sensitive Mutants Is Induced by NaCl and Abscisic Acid. Plant Physiology, 1999, 119, 1527-1534.	4.8	91
113	Both metaxin and Tom20 together with two mitochondriaâ€specific motifs support mitochondrial targeting of dualâ€ŧargeting AtSufE1. Journal of Integrative Plant Biology, 0, , .	8.5	4