

# Enrico Schleiff

## List of Publications by Year in descending order

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210  
papers

9,987  
citations

23500  
58  
h-index

48187  
88  
g-index

213  
all docs

213  
docs citations

213  
times ranked

8772  
citing authors

#	ARTICLE	IF	CITATIONS
1	HsfA7 coordinates the transition from mild to strong heat stress response by controlling the activity of the master regulator HsfA1a in tomato. <i>Cell Reports</i> , 2022, 38, 110224.	2.9	14
2	Retrograde Analysis of Calcium Signaling by CaMPARI2 Shows Cytosolic Calcium in Chondrocytes Is Unaffected by Parabolic Flights. <i>Biomedicines</i> , 2022, 10, 138.	1.4	2
3	Structural analysis of temperature-dependent alternative splicing of HsfA2 pre-mRNA from tomato plants. <i>RNA Biology</i> , 2022, 19, 266-278.	1.5	6
4	Cyclophilin anaCyp40 regulates photosystem assembly and phycobilisome association in a cyanobacterium. <i>Nature Communications</i> , 2022, 13, 1690.	5.8	2
5	Enhanced pro-apoptosis gene signature following the activation of TAp63 $\hat{1}$ ± in oocytes upon $\hat{1}$ <sup>3</sup> irradiation. <i>Cell Death and Disease</i> , 2022, 13, 204.	2.7	5
6	The Two TpsB-Like Proteins in <i>Anabaena</i> sp. Strain PCC 7120 Are Involved in Secretion of Selected Substrates. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	2
7	Insertion of plastidic $\hat{1}$ <sup>2</sup> -barrel proteins into the outer envelopes of plastids involves an intermembrane space intermediate formed with Toc75-V/OEP80. <i>Plant Cell</i> , 2021, 33, 1657-1681.	3.1	15
8	Identification and Regulation of Tomato Serine/Arginine-Rich Proteins Under High Temperatures. <i>Frontiers in Plant Science</i> , 2021, 12, 645689.	1.7	11
9	Comparative Phenotypic Analysis of <i>Anabaena</i> sp. PCC 7120 Mutants of Porinlike Genes. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 645-658.	0.9	16
10	A TonB-Like Protein, SjdR, Is Involved in the Structural Definition of the Intercellular Septa in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> . <i>MBio</i> , 2021, 12, e0048321.	1.8	5
11	The Arabidopsis 2 $\hat{2}$ -O-Ribose-Methylation and Pseudouridylation Landscape of rRNA in Comparison to Human and Yeast. <i>Frontiers in Plant Science</i> , 2021, 12, 684626.	1.7	10
12	Dynamics and thermal sensitivity of rRNA maturation paths in plants. <i>Journal of Experimental Botany</i> , 2021, , .	2.4	7
13	Functional Diversity of TonB-Like Proteins in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>MSphere</i> , 2021, 6, e0021421.	1.3	2
14	Natural variation in HsfA2 pre-mRNA splicing is associated with changes in thermotolerance during tomato domestication. <i>New Phytologist</i> , 2020, 225, 1297-1310.	3.5	55
15	miRNAs involved in transcriptome remodeling during pollen development and heat stress response in <i>Solanum lycopersicum</i> . <i>Scientific Reports</i> , 2020, 10, 10694.	1.6	22
16	LptC from <i>Anabaena</i> sp. PCC 7120: Expression, purification and crystallization. <i>Protein Expression and Purification</i> , 2020, 175, 105689.	0.6	0
17	The Existence and Localization of Nuclear snoRNAs in <i>Arabidopsis thaliana</i> Revisited. <i>Plants</i> , 2020, 9, 1016.	1.6	14
18	Purification and Preliminary X-Ray Crystallographic Analysis of the Peptidyl-Prolyl cis $\hat{2}$ “trans Isomerase Alr5059 from <i>Anabaena</i> sp. PCC 7120. <i>Crystallography Reports</i> , 2020, 65, 1226-1230.	0.1	1

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19	Reprogramming of Tomato Leaf Metabolome by the Activity of Heat Stress Transcription Factor HsfB1. <i>Frontiers in Plant Science</i> , 2020, 11, 610599.	1.7	19
20	Structural and Functional Heat Stress Responses of Chloroplasts of <i>Arabidopsis thaliana</i> . <i>Genes</i> , 2020, 11, 650.	1.0	14
21	Iron homeostasis of cyanobacteria: advancements in siderophores and metal transporters. , 2020, , 85-117.		10
22	Transcriptional Basis for Differential Thermosensitivity of Seedlings of Various Tomato Genotypes. <i>Genes</i> , 2020, 11, 655.	1.0	5
23	Toc75/OEP80 is processed during translocation into chloroplasts, and the membrane-embedded form exposes its POTRA domain to the intermembrane space. <i>FEBS Open Bio</i> , 2020, 10, 444-454.	1.0	14
24	Membrane Extracts from Plant Tissues. <i>Methods in Molecular Biology</i> , 2020, 2127, 81-92.	0.4	0
25	Citrus exocortis viroid causes ribosomal stress in tomato plants. <i>Nucleic Acids Research</i> , 2019, 47, 8649-8661.	6.5	32
26	Identification and Characterization of a Thermotolerant TILLING Allele of Heat Shock Binding Protein 1 in Tomato. <i>Genes</i> , 2019, 10, 516.	1.0	18
27	Functional diversification of tomato HsfA1 factors is based on DNA binding domain properties. <i>Gene</i> , 2019, 714, 143985.	1.0	20
28	HEATSTER: A Database and Web Server for Identification and Classification of Heat Stress Transcription Factors in Plants. <i>Bioinformatics and Biology Insights</i> , 2019, 13, 117793221882136.	1.0	26
29	Microgravity research in plants. <i>EMBO Reports</i> , 2019, 20, e48541.	2.0	22
30	The intracellular distribution of the components of the GET system in vascular plants. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1650-1662.	1.9	8
31	Co-orthologues of ribosome biogenesis factors in <i>A. thaliana</i> are differentially regulated by transcription factors. <i>Plant Cell Reports</i> , 2019, 38, 937-949.	2.8	2
32	Metalloproteins in the Biology of Heterocysts. <i>Life</i> , 2019, 9, 32.	1.1	23
33	Tic22 from <i>Anabaena</i> sp. PCC 7120 with holdase function involved in outer membrane protein biogenesis shuttles between plasma membrane and Omp85. <i>Molecular Microbiology</i> , 2019, 111, 1302-1316.	1.2	5
34	The repressor and co-activator HsfB1 regulates the major heat stress transcription factors in tomato. <i>Plant, Cell and Environment</i> , 2019, 42, 874-890.	2.8	63
35	Plant-specific ribosome biogenesis factors in <i>Arabidopsis thaliana</i> with essential function in rRNA processing. <i>Nucleic Acids Research</i> , 2019, 47, 1880-1895.	6.5	47
36	The signal distinguishing between targeting of outer membrane $\beta$ -barrel protein to plastids and mitochondria in plants. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 663-672.	1.9	11

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37	Regulation of two GTPases Toc159 and Toc34 in the translocon of the outer envelope of chloroplasts. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 627-636.	1.1	14
38	Late ribosomal protein localization in <i>Arabidopsis thaliana</i> differs to that in <i>Saccharomyces cerevisiae</i> . <i>FEBS Open Bio</i> , 2018, 8, 1437-1444.	1.0	5
39	The outer membrane Omp85-like protein P39 influences metabolic homeostasis in mature <i>Arabidopsis thaliana</i> . <i>Plant Biology</i> , 2018, 20, 825-833.	1.8	3
40	Alternative splicing in tomato pollen in response to heat stress. <i>DNA Research</i> , 2017, 24, dsw051.	1.5	55
41	The plastid outer membrane localized LPTD1 is important for glycerolipid remodelling under phosphate starvation. <i>Plant, Cell and Environment</i> , 2017, 40, 1643-1657.	2.8	13
42	DNA-binding and repressor function are prerequisites for the turnover of the tomato heat stress transcription factor HsfB1. <i>Plant Journal</i> , 2017, 89, 31-44.	2.8	12
43	Chloroplast outer envelope protein P39 in <i>Arabidopsis thaliana</i> belongs to the Omp85 protein family. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1391-1401.	1.5	8
44	Nucleolar Proteome Analysis and Proteasomal Activity Assays Reveal a Link between Nucleolus and 26S Proteasome in <i>A. thaliana</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1815.	1.7	26
45	Modeling the Metabolism of <i>Arabidopsis thaliana</i> : Application of Network Decomposition and Network Reduction in the Context of Petri Nets. <i>Frontiers in Genetics</i> , 2017, 8, 85.	1.1	10
46	Protocol for Enrichment of the Membrane Proteome of Mature Tomato Pollen. <i>Bio-protocol</i> , 2017, 7, e2315.	0.2	3
47	Unfolded protein response in pollen development and heat stress tolerance. <i>Plant Reproduction</i> , 2016, 29, 81-91.	1.3	70
48	Relative Orientation of POTRA Domains from Cyanobacterial Omp85 Studied by Pulsed EPR Spectroscopy. <i>Biophysical Journal</i> , 2016, 110, 2195-2206.	0.2	21
49	HsfA2 Controls the Activity of Developmentally and Stress-Regulated Heat Stress Protection Mechanisms in Tomato Male Reproductive Tissues. <i>Plant Physiology</i> , 2016, 170, 2461-2477.	2.3	148
50	50 years of amino acid hydrophobicity scales: revisiting the capacity for peptide classification. <i>Biological Research</i> , 2016, 49, 31.	1.5	77
51	Separating mitochondrial protein assembly and endoplasmic reticulum tethering by selective coupling of Mdm10. <i>Nature Communications</i> , 2016, 7, 13021.	5.8	74
52	Characterization of the targeting signal in mitochondrial $\beta$ -barrel proteins. <i>Nature Communications</i> , 2016, 7, 12036.	5.8	80
53	Survey of Genes Involved in Biosynthesis, Transport, and Signaling of Phytohormones with Focus on <i>Solanum lycopersicum</i> . <i>Bioinformatics and Biology Insights</i> , 2016, 10, BBI.S38425.	1.0	21
54	Multiplicity and specificity of siderophore uptake in the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Plant Molecular Biology</i> , 2016, 92, 57-69.	2.0	15

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55	Pollen as a target of environmental changes. <i>Plant Reproduction</i> , 2016, 29, 1-2.	1.3	10
56	Protein cofactor competition regulates the action of a multifunctional RNA helicase in different pathways. <i>RNA Biology</i> , 2016, 13, 320-330.	1.5	39
57	Eukaryotic Hsp70 chaperones in the intermembrane space of chloroplasts. <i>Planta</i> , 2016, 243, 733-747.	1.6	10
58	Proteome distribution between nucleoplasm and nucleolus and its relation to ribosome biogenesis in <i>Arabidopsis thaliana</i> . <i>RNA Biology</i> , 2016, 13, 441-454.	1.5	48
59	Importance of organellar proteins, protein translocation and vesicle transport routes for pollen development and function. <i>Plant Reproduction</i> , 2016, 29, 53-65.	1.3	11
60	The membrane proteome of male gametophyte in <i>Solanum lycopersicum</i> . <i>Journal of Proteomics</i> , 2016, 131, 48-60.	1.2	25
61	Identification of novel small ncRNAs in pollen of tomato. <i>BMC Genomics</i> , 2015, 16, 714.	1.2	27
62	Identification and Expression Analysis of Ribosome Biogenesis Factor Co-orthologs in <i>Solanum lycopersicum</i> . <i>Bioinformatics and Biology Insights</i> , 2015, 9, BBI.S20751.	1.0	62
63	Multiple modes of iron uptake by the filamentous, siderophore-producing cyanobacterium, <i>Anabaena</i> sp. PCC 7120. <i>Molecular Microbiology</i> , 2015, 97, 577-588.	1.2	43
64	Dynamics of the Glycophorin A Dimer in Membranes of Native-Like Composition Uncovered by Coarse-Grained Molecular Dynamics Simulations. <i>PLoS ONE</i> , 2015, 10, e0133999.	1.1	19
65	Functional properties of LptA and LptD in <i>Anabaena</i> sp. PCC 7120. <i>Biological Chemistry</i> , 2015, 396, 1151-1162.	1.2	5
66	Prospects of engineering thermotolerance in crops through modulation of heat stress transcription factor and heat shock protein networks. <i>Plant, Cell and Environment</i> , 2015, 38, 1881-1895.	2.8	181
67	The Peptidoglycan-Binding Protein SjcF1 Influences Septal Junction Function and Channel Formation in the Filamentous Cyanobacterium <i>Anabaena</i> . <i>MBio</i> , 2015, 6, e00376.	1.8	33
68	The association of late-acting snoRNPs with human pre-ribosomal complexes requires the RNA helicase DDX21. <i>Nucleic Acids Research</i> , 2015, 43, 553-564.	6.5	64
69	Hsp90 Is Involved in the Regulation of Cytosolic Precursor Protein Abundance in Tomato. <i>Molecular Plant</i> , 2015, 8, 228-241.	3.9	21
70	Chaperone network composition in <i>Solanum lycopersicum</i> explored by transcriptome profiling and microarray meta-analysis. <i>Plant, Cell and Environment</i> , 2015, 38, 693-709.	2.8	71
71	atBRX1-1 and atBRX1-2 are involved in an alternative rRNA processing pathway in <i>Arabidopsis thaliana</i> . <i>Rna</i> , 2015, 21, 415-425.	1.6	68
72	The composition of the global and feature specific cyanobacterial core-genomes. <i>Frontiers in Microbiology</i> , 2015, 6, 219.	1.5	38

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73	The Omp85-type outer membrane protein p36 of <i>Arabidopsis thaliana</i> evolved by recent gene duplication. <i>Journal of Plant Research</i> , 2015, 128, 317-325.	1.2	6
74	Plant-Specific Features of Ribosome Biogenesis. <i>Trends in Plant Science</i> , 2015, 20, 729-740.	4.3	126
75	Secretome analysis of <i>A. nabaena</i> sp. PCC 7120 and the involvement of the TolC homologue HgdD in protein secretion. <i>Environmental Microbiology</i> , 2015, 17, 767-780.	1.8	24
76	The Complexity of Vesicle Transport Factors in Plants Examined by Orthology Search. <i>PLoS ONE</i> , 2014, 9, e97745.	1.1	34
77	The Influence of Fatty Acids on the GpA Dimer Interface by Coarse-Grained Molecular Dynamics Simulation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14247-14268.	1.8	4
78	The evolution of the ribosome biogenesis pathway from a yeast perspective. <i>Nucleic Acids Research</i> , 2014, 42, 1509-1523.	6.5	87
79	A pre-ribosomal RNA interaction network involving snoRNAs and the Rok1 helicase. <i>Rna</i> , 2014, 20, 1173-1182.	1.6	45
80	Nucleotides and Substrates Trigger the Dynamics of the Toc34 GTPase Homodimer Involved in Chloroplast Preprotein Translocation. <i>Structure</i> , 2014, 22, 526-538.	1.6	20
81	Cell Envelope Components Influencing Filament Length in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2014, 196, 4026-4035.	1.0	22
82	Protein Targeting and Transport as a Necessary Consequence of Increased Cellular Complexity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016055-a016055.	2.3	15
83	The 60S associated ribosome biogenesis factor LSG1 is required for 40S maturation in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2014, 80, 1043-1056.	2.8	43
84	Evolution of the Protein Translocons of the Chloroplast Envelope. , 2014, , 81-110.		5
85	Hsp90 is involved in the regulation of cytosolic precursor protein abundance in tomato. <i>Molecular Plant</i> , 2014, , .	3.9	0
86	The protein translocation systems in plants – composition and variability on the example of <i>Solanum lycopersicum</i> . <i>BMC Genomics</i> , 2013, 14, 189.	1.2	23
87	The response of the TonB-dependent transport network in <i>Anabaena</i> sp. PCC 7120 to cell density and metal availability. <i>BioMetals</i> , 2013, 26, 549-560.	1.8	15
88	Essential ribosome assembly factor Fap7 regulates a hierarchy of RNA-protein interactions during small ribosomal subunit biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15253-15258.	3.3	40
89	Iron in Cyanobacteria. <i>Advances in Botanical Research</i> , 2013, , 57-105.	0.5	68
90	Mdm10 is an ancient eukaryotic porin co-occurring with the ERMES complex. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3314-3325.	1.9	68

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91	<scp>T</scp>oc33 and <scp>T</scp>oc64â€œ<scp>III</scp> cooperate in precursor protein import into the chloroplasts of <i><scp>A</scp>rabidopsis thaliana</i>. <i>Plant, Cell and Environment</i> , 2013, 36, 970-983.	2.8	30
92	Protein targeting to subcellular organelles via mRNA localization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 260-273.	1.9	101
93	What comes around goes around: Protein import and quality control in mitochondria and plastids. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 243-244.	1.9	0
94	The folding capacity of the mature domain of the dual-targeted plant tRNA nucleotidyltransferase influences organelle selection. <i>Biochemical Journal</i> , 2013, 453, 401-412.	1.7	12
95	Defining the Core Proteome of the Chloroplast Envelope Membranes. <i>Frontiers in Plant Science</i> , 2013, 4, 11.	1.7	75
96	Perspectives on deciphering mechanisms underlying plant heat stress response and thermotolerance. <i>Frontiers in Plant Science</i> , 2013, 4, 315.	1.7	323
97	The Outer Membrane TolC-like Channel HgdD Is Part of Tripartite Resistance-Nodulation-Cell Division (RND) Efflux Systems Conferring Multiple-drug Resistance in the Cyanobacterium <i>Anabaena</i> sp. PCC7120. <i>Journal of Biological Chemistry</i> , 2013, 288, 31192-31205.	1.6	22
98	In Vivo Function of Tic22, a Protein Import Component of the Intermembrane Space of Chloroplasts. <i>Molecular Plant</i> , 2013, 6, 817-829.	3.9	30
99	MALDI analysis of proteins after extraction from dissolvable ethylene glycol diacrylate crossâ€linked polyacrylamide gels. <i>Electrophoresis</i> , 2013, 34, 2484-2494.	1.3	6
100	self-assembling GFP: A Versatile Tool for Plant (Membrane) Protein Analyses. <i>Methods in Molecular Biology</i> , 2013, 1033, 131-144.	0.4	5
101	40S Ribosome Biogenesis Co-Factors Are Essential for Gametophyte and Embryo Development. <i>PLoS ONE</i> , 2013, 8, e54084.	1.1	74
102	Identification of two voltage-dependent anion channel-like protein sequences conserved in Kinetoplastida. <i>Biology Letters</i> , 2012, 8, 446-449.	1.0	17
103	Structure and Conservation of the Periplasmic Targeting Factor Tic22 Protein from Plants and Cyanobacteria. <i>Journal of Biological Chemistry</i> , 2012, 287, 24164-24173.	1.6	33
104	Structural and functional analysis of the archaeal endonuclease Nob1. <i>Nucleic Acids Research</i> , 2012, 40, 3259-3274.	6.5	64
105	The TolC-like Protein HgdD of the Cyanobacterium <i>Anabaena</i> sp. PCC 7120 Is Involved in Secondary Metabolite Export and Antibiotic Resistance. <i>Journal of Biological Chemistry</i> , 2012, 287, 41126-41138.	1.6	34
106	Chloroplast Î²-Barrel Proteins Are Assembled into the Mitochondrial Outer Membrane in a Process That Depends on the TOM and TOB Complexes. <i>Journal of Biological Chemistry</i> , 2012, 287, 27467-27479.	1.6	30
107	The Recent Evolution of a Symbiotic Ion Channel in the Legume Family Altered Ion Conductance and Improved Functionality in Calcium Signaling. <i>Plant Cell</i> , 2012, 24, 2528-2545.	3.1	57
108	Recycling and Tinkering: The Evolution of Protein Transport to and into Endosymbiotically Derived Organelles. , 2012, , 175-216.		1

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109	Backbone and side chain NMR resonance assignments for an archaeal homolog of the endonuclease Nob1 involved in ribosome biogenesis. <i>Biomolecular NMR Assignments</i> , 2012, 6, 47-50.	0.4	4
110	Specific lipids influence the import capacity of the chloroplast outer envelope precursor protein translocon. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1033-1040.	1.9	4
111	The components of the putative iron transport system in the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Environmental Microbiology</i> , 2012, 14, 1655-1670.	1.8	44
112	DNA Damage in Oocytes Induces a Switch of the Quality Control Factor TAp63 from Dimer to Tetramer. <i>Cell</i> , 2011, 144, 566-576.	13.5	117
113	The functional domains of the chloroplast unusual positioning protein 1. <i>Plant Science</i> , 2011, 180, 650-654.	1.7	16
114	Substrate binding disrupts dimerization and induces nucleotide exchange of the chloroplast GTPase Toc33. <i>Biochemical Journal</i> , 2011, 436, 313-319.	1.7	25
115	Outer membrane continuity and septosome formation between vegetative cells in the filaments of <i>Anabaena</i> sp. PCC 7120. <i>Cellular Microbiology</i> , 2011, 13, 1744-1754.	1.1	81
116	Transitions of gene expression induced by short-term blue light. <i>Plant Biology</i> , 2011, 13, 349-361.	1.8	23
117	A high-definition native polyacrylamide gel electrophoresis system for the analysis of membrane complexes. <i>Plant Journal</i> , 2011, 67, 181-194.	2.8	38
118	Common ground for protein translocation: access control for mitochondria and chloroplasts. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 48-59.	16.1	223
119	Structural elements of the mitochondrial preprotein-conducting channel Tom40 dissolved by bioinformatics and mass spectrometry. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1647-1657.	0.5	31
120	The localization of Tic20 proteins in <i>Arabidopsis thaliana</i> is not restricted to the inner envelope membrane of chloroplasts. <i>Plant Molecular Biology</i> , 2011, 77, 381-390.	2.0	32
121	Crosstalk between Hsp90 and Hsp70 Chaperones and Heat Stress Transcription Factors in Tomato. <i>Plant Cell</i> , 2011, 23, 741-755.	3.1	294
122	Omp85 in eukaryotic systems: one protein family with distinct functions. <i>Biological Chemistry</i> , 2011, 392, 21-7.	1.2	31
123	Highlight: Membrane transport in light of structure, function, and evolution. <i>Biological Chemistry</i> , 2011, 392, 3.	1.2	0
124	Chloroplast Omp85 proteins change orientation during evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13841-13846.	3.3	80
125	Protein-Induced Modulation of Chloroplast Membrane Morphology. <i>Frontiers in Plant Science</i> , 2011, 2, 118.	1.7	38
126	Studying Chloroplast Protein Interactions In Vitro: An Overview of the Available Methods. <i>Methods in Molecular Biology</i> , 2011, 775, 67-90.	0.4	0



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127	The evolution of protein targeting and translocation systems. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 1115-1130.	1.9	38
128	Filling the Gap, Evolutionarily Conserved Omp85 in Plastids of Chromalveolates. <i>Journal of Biological Chemistry</i> , 2010, 285, 6848-6856.	1.6	73
129	Conserved Properties of Polypeptide Transport-associated (POTRA) Domains Derived from Cyanobacterial Omp85. <i>Journal of Biological Chemistry</i> , 2010, 285, 18016-18024.	1.6	53
130	On the Impact of Precursor Unfolding during Protein Import into Chloroplasts. <i>Molecular Plant</i> , 2010, 3, 499-508.	3.9	29
131	Outer Membrane Proteins. , 2010, , 175-228.		11
132	Chloroplast Import Signals: The Length Requirement for Translocation In Vitro and In Vivo. <i>Journal of Molecular Biology</i> , 2010, 402, 510-523.	2.0	73
133	The interplay between siderophore secretion and coupled iron and copper transport in the heterocyst-forming cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 2131-2140.	1.4	61
134	The properties of the outer membrane localized Lipid A transporter LptD. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 454124.	0.7	22
135	Molecular interactions within the plant TOC complex. <i>Biological Chemistry</i> , 2009, 390, 739-744.	1.2	14
136	<i>Lotus japonicus</i> CASTOR and POLLUX Are Ion Channels Essential for Perinuclear Calcium Spiking in Legume Root Endosymbiosis. <i>Plant Cell</i> , 2009, 20, 3467-3479.	3.1	208
137	The cell wall in heterocyst formation by <i>Anabaena</i> sp. PCC 7120. <i>Journal of Basic Microbiology</i> , 2009, 49, 5-24.	1.8	89
138	Evolutionarily evolved discriminators in the 3-TPR domain of the Toc64 family involved in protein translocation at the outer membrane of chloroplasts and mitochondria. <i>Journal of Molecular Modeling</i> , 2009, 15, 971-982.	0.8	29
139	TonB-dependent transporters and their occurrence in cyanobacteria. <i>BMC Biology</i> , 2009, 7, 68.	1.7	61
140	Tethering of ferredoxin:NADP <sup>+</sup> oxidoreductase to thylakoid membranes is mediated by novel chloroplast protein TROL. <i>Plant Journal</i> , 2009, 60, 783-794.	2.8	89
141	The outer membrane of a heterocyst-forming cyanobacterium is a permeability barrier for uptake of metabolites that are exchanged between cells. <i>Molecular Microbiology</i> , 2009, 74, 58-70.	1.2	51
142	Prp43 Bound at Different Sites on the Pre-rRNA Performs Distinct Functions in Ribosome Synthesis. <i>Molecular Cell</i> , 2009, 36, 583-592.	4.5	152
143	The chloroplast outer membrane protein CHUP1 interacts with actin and profilin. <i>Planta</i> , 2008, 227, 1151-1159.	1.6	98
144	From Biological towards Artificial Molecular Motors. <i>ChemPhysChem</i> , 2008, 9, 1503-1509.	1.0	36

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146	Policing Tic $\sim$ Toc, the doorway to chloroplasts. <i>Trends in Cell Biology</i> , 2008, 18, 19-27.	3.6	44
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