

Felix Willmund

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,777
citations

393982

19
h-index

580395

25
g-index

36
all docs

36
docs citations

36
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and global reorganization of the chloroplast protein biogenesis network during heat acclimation. <i>Plant Cell</i> , 2022, 34, 1075-1099.	3.1	13
2	Systems approaches identify the consequences of monosomy in somatic human cells. <i>Nature Communications</i> , 2021, 12, 5576.	5.8	29
3	Acclimation in plants – the Green Hub consortium. <i>Plant Journal</i> , 2021, 106, 23-40.	2.8	44
4	The versatile interactome of chloroplast ribosomes revealed by affinity purification mass spectrometry. <i>Nucleic Acids Research</i> , 2021, 49, 400-415.	6.5	23
5	CRISPR/Cas with ribonucleoprotein complexes and transiently selected telomere vectors allows highly efficient marker-free and multiple genome editing in <i>Botrytis cinerea</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008326.	2.1	55
6	VIPP2 interacts with VIPP1 and HSP22E/F at chloroplast membranes and modulates a retrograde signal for <i>HSP22E/F</i> gene expression. <i>Plant, Cell and Environment</i> , 2020, 43, 1212-1229.	2.8	25
7	Co-Translational Protein Folding and Sorting in Chloroplasts. <i>Plants</i> , 2020, 9, 214.	1.6	16
8	Title is missing!. , 2020, 16, e1008326.		0
9	Title is missing!. , 2020, 16, e1008326.		0
10	Title is missing!. , 2020, 16, e1008326.		0
11	Title is missing!. , 2020, 16, e1008326.		0
12	Title is missing!. , 2020, 16, e1008326.		0
13	Title is missing!. , 2020, 16, e1008326.		0
14	The conserved theme of ribosome hibernation: from bacteria to chloroplasts of plants. <i>Biological Chemistry</i> , 2019, 400, 879-893.	1.2	42
15	The Role of Plastidic Trigger Factor Serving Protein Biogenesis in Green Algae and Land Plants. <i>Plant Physiology</i> , 2019, 179, 1093-1110.	2.3	22
16	Birth of a Photosynthetic Chassis: A MoClo Toolkit Enabling Synthetic Biology in the Microalga <i>Chlamydomonas reinhardtii</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 2074-2086.	1.9	225
17	Commonalities and differences of chloroplast translation in a green alga and land plants. <i>Nature Plants</i> , 2018, 4, 564-575.	4.7	51
18	Substrates of the chloroplast small heat shock proteins 22E/F point to thermolability as a regulative switch for heat acclimation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Molecular Biology</i> , 2017, 95, 579-591.	2.0	26

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19	Structural and molecular comparison of bacterial and eukaryotic trigger factors. <i>Scientific Reports</i> , 2017, 7, 10680.	1.6	24
20	Not changes in membrane fluidity but proteotoxic stress triggers heat shock protein expression in <i>Chlamydomonas reinhardtii</i> . <i>Plant, Cell and Environment</i> , 2017, 40, 2987-3001.	2.8	33
21	ATP-dependent molecular chaperones in plastids are more complex than expected. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 872-888.	0.5	63
22	A Direct Regulatory Interaction between Chaperonin TRiC and Stress-Responsive Transcription Factor HSF1. <i>Cell Reports</i> , 2014, 9, 955-966.	2.9	135
23	Molecular Chaperone Functions in Plastids. , 2014, , 325-357.		0
24	The Cotranslational Function of Ribosome-Associated Hsp70 in Eukaryotic Protein Homeostasis. <i>Cell</i> , 2013, 152, 196-209.	13.5	240
25	The Ribosome as a Hub for Protein Quality Control. <i>Molecular Cell</i> , 2013, 49, 411-421.	4.5	251
26	Chloroplast DnaJ-like proteins 3 and 4 (CDJ3/4) from <i>Chlamydomonas reinhardtii</i> contain redox-active Fe-S clusters and interact with stromal HSP70B. <i>Biochemical Journal</i> , 2010, 427, 205-215.	1.7	30
27	Assistance for a Chaperone. <i>Journal of Biological Chemistry</i> , 2008, 283, 16363-16373.	1.6	27
28	The Chloroplast DnaJ Homolog CDJ1 of <i>Chlamydomonas reinhardtii</i> Is Part of a Multichaperone Complex Containing HSP70B, CGE1, and HSP90C. <i>Plant Physiology</i> , 2008, 148, 2070-2082.	2.3	56
29	The NH2-terminal Domain of the Chloroplast GrpE Homolog CGE1 Is Required for Dimerization and Cochaperone Function in Vivo. <i>Journal of Biological Chemistry</i> , 2007, 282, 11317-11328.	1.6	36
30	The chloroplast HSP70B-CDJ2-CGE1 chaperones catalyse assembly and disassembly of VIPP1 oligomers in <i>Chlamydomonas</i> . <i>Plant Journal</i> , 2007, 50, 265-277.	2.8	116
31	HEAT SHOCK PROTEIN 90C Is a Bona Fide Hsp90 That Interacts with Plastidic HSP70B in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2005, 138, 2310-2322.	2.3	68
32	J-Domain Protein CDJ2 and HSP70B Are a Plastidic Chaperone Pair That Interacts with Vesicle-Inducing Protein in Plastids 1. <i>Molecular Biology of the Cell</i> , 2005, 16, 1165-1177.	0.9	115