

Ilka Haferkamp

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

817
citations

567281

15
h-index

794594

19
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20
all docs

20
docs citations

20
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of a pyridoxal-phosphate phosphatase rescues Arabidopsis lacking an endoplasmic reticulum ATP carrier. <i>Plant Physiology</i> , 2022, 189, 49-65.	4.8	4
2	Overexpression of the vacuolar sugar importer <i>BvTST1</i> from sugar beet in <i>Camelina</i> improves seed properties and leads to altered root characteristics. <i>Physiologia Plantarum</i> , 2022, 174, e13653.	5.2	6
3	Ectopic maltase alleviates dwarf phenotype and improves plant frost tolerance of maltose transporter mutants. <i>Plant Physiology</i> , 2021, 186, 315-329.	4.8	5
4	The Tapetal Major Facilitator NPF2.8 Is Required for Accumulation of Flavonol Glycosides on the Pollen Surface in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2020, 32, 1727-1748.	6.6	28
5	Identification of Chloroplast Envelope Proteins with Critical Importance for Cold Acclimation. <i>Plant Physiology</i> , 2020, 182, 1239-1255.	4.8	33
6	PAPST2 Plays Critical Roles in Removing the Stress Signaling Molecule $3\text{-}\alpha\text{-}^2\text{-Phosphoadenosine } 5\text{-}\alpha\text{-}^2\text{-Phosphate}$ from the Cytosol and Its Subsequent Degradation in Plastids and Mitochondria. <i>Plant Cell</i> , 2019, 31, 231-249.	6.6	24
7	The Plastidic Sugar Transporter pSuT Influences Flowering and Affects Cold Responses. <i>Plant Physiology</i> , 2019, 179, 569-587.	4.8	77
8	Reduced vacuolar $\beta\text{-}1,3\text{-glucan}$ synthesis affects carbohydrate metabolism as well as plastid homeostasis and structure in <i>Phaeodactylum tricornutum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4791-4796.	7.1	39
9	AXER is an ATP/ADP exchanger in the membrane of the endoplasmic reticulum. <i>Nature Communications</i> , 2018, 9, 3489.	12.8	55
10	In vitro analyses of mitochondrial ATP/phosphate carriers from <i>Arabidopsis thaliana</i> revealed unexpected Ca^{2+} -effects. <i>BMC Plant Biology</i> , 2015, 15, 238.	3.6	25
11	Habitat stress initiates changes in composition, CO_2 gas exchange and C-allocation as life traits in biological soil crusts. <i>ISME Journal</i> , 2014, 8, 2104-2115.	9.8	62
12	Current Progress in Tonoplast Proteomics Reveals Insights into the Function of the Large Central Vacuole. <i>Frontiers in Plant Science</i> , 2013, 4, 34.	3.6	10
13	From Endoplasmic Reticulum to Mitochondria: Absence of the Arabidopsis ATP Antiporter Endoplasmic Reticulum Adenylate Transporter1 Perturbs Photorespiration. <i>Plant Cell</i> , 2013, 25, 2647-2660.	6.6	39
14	The <i>Arabidopsis</i> Thylakoid ADP/ATP Carrier TAAC Has an Additional Role in Supplying Plastidic Phosphoadenosine $5\text{-}\alpha\text{-}^2\text{-Phosphosulfate}$ to the Cytosol. <i>Plant Cell</i> , 2012, 24, 4187-4204.	6.6	80
15	The Plant Mitochondrial Carrier Family: Functional and Evolutionary Aspects. <i>Frontiers in Plant Science</i> , 2012, 3, 2.	3.6	83
16	Adenine nucleotide transport in plants: much more than a mitochondrial issue. <i>Trends in Plant Science</i> , 2011, 16, 507-515.	8.8	71
17	Diatom plastids depend on nucleotide import from the cytosol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3621-3626.	7.1	80
18	Nonmitochondrial ATP/ADP Transporters Accept Phosphate as Third Substrate. <i>Journal of Biological Chemistry</i> , 2008, 283, 36486-36493.	3.4	44

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19	Enlightening Energy Parasitism by Analysis of an ATP/ADP Transporter from Chlamydiae. PLoS Biology, 2007, 5, e231.	5.6	52