Ilka Haferkamp

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5952289/publications.pdf

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19	817	567281 15	794594 19
papers	citations	h-index	g-index

20	20	20	1258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Plant Mitochondrial Carrier Family: Functional and Evolutionary Aspects. Frontiers in Plant Science, 2012, 3, 2.	3.6	83
2	Diatom plastids depend on nucleotide import from the cytosol. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3621-3626.	7.1	80
3	The Arabidopsis Thylakoid ADP/ATP Carrier TAAC Has an Additional Role in Supplying Plastidic Phosphoadenosine 5â€²-Phosphosulfate to the Cytosol. Plant Cell, 2012, 24, 4187-4204.	6.6	80
4	The Plastidic Sugar Transporter pSuT Influences Flowering and Affects Cold Responses. Plant Physiology, 2019, 179, 569-587.	4.8	77
5	Adenine nucleotide transport in plants: much more than a mitochondrial issue. Trends in Plant Science, 2011, 16, 507-515.	8.8	71
6	Habitat stress initiates changes in composition, CO2 gas exchange and C-allocation as life traits in biological soil crusts. ISME Journal, 2014, 8, 2104-2115.	9.8	62
7	AXER is an ATP/ADP exchanger in the membrane of the endoplasmic reticulum. Nature Communications, 2018, 9, 3489.	12.8	55
8	Enlightening Energy Parasitism by Analysis of an ATP/ADP Transporter from Chlamydiae. PLoS Biology, 2007, 5, e231.	5.6	52
9	Nonmitochondrial ATP/ADP Transporters Accept Phosphate as Third Substrate. Journal of Biological Chemistry, 2008, 283, 36486-36493.	3.4	44
10	From Endoplasmic Reticulum to Mitochondria: Absence of the Arabidopsis ATP Antiporter Endoplasmic Reticulum Adenylate Transporter1 Perturbs Photorespiration. Plant Cell, 2013, 25, 2647-2660.	6.6	39
11	Reduced vacuolar Î²-1,3-glucan synthesis affects carbohydrate metabolism as well as plastid homeostasis and structure in Phaeodactylum tricornutum. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4791-4796.	7.1	39
12	Identification of Chloroplast Envelope Proteins with Critical Importance for Cold Acclimation. Plant Physiology, 2020, 182, 1239-1255.	4.8	33
13	The Tapetal Major Facilitator NPF2.8 Is Required for Accumulation of Flavonol Glycosides on the Pollen Surface in Arabidopsis thaliana. Plant Cell, 2020, 32, 1727-1748.	6.6	28
14	In vitro analyses of mitochondrial ATP/phosphate carriers from Arabidopsis thaliana revealed unexpected Ca2+-effects. BMC Plant Biology, 2015, 15, 238.	3.6	25
15	PAPST2 Plays Critical Roles in Removing the Stress Signaling Molecule 3â€²-Phosphoadenosine 5â€²-Phosphate from the Cytosol and Its Subsequent Degradation in Plastids and Mitochondria. Plant Cell, 2019, 31, 231-249.	6.6	24
16	Current Progress in Tonoplast Proteomics Reveals Insights into the Function of the Large Central Vacuole. Frontiers in Plant Science, 2013, 4, 34.	3.6	10
17	Overexpression of the vacuolar sugar importer BvTST1 from sugar beet in Camelina improves seed properties and leads to altered root characteristics. Physiologia Plantarum, 2022, 174, e13653.	5.2	6
18	Ectopic maltase alleviates dwarf phenotype and improves plant frost tolerance of maltose transporter mutants. Plant Physiology, 2021, 186, 315-329.	4.8	5

#	Article	IF	Citations
19	Loss of a pyridoxal-phosphate phosphatase rescues Arabidopsis lacking an endoplasmic reticulum ATP carrier. Plant Physiology, 2022, 189, 49-65.	4.8	4