

Andrea Trotta

List of Publications by Year in descending order

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35
papers

880
citations

471509

17
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of serine/threonine protein kinase STN7 in the formation of two distinct photosystem I supercomplexes in <i>Physcomitrium patens</i> . <i>Plant Physiology</i> , 2022, 190, 698-713.	4.8	4
2	ACONITASE 3 is part of the ANAC017 transcription factor-dependent mitochondrial dysfunction response. <i>Plant Physiology</i> , 2021, 186, 1859-1877.	4.8	15
3	Characterization of the Free and Membrane-Associated Fractions of the Thylakoid Lumen Proteome in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8126.	4.1	5
4	GUN1 influences the accumulation of NEP-dependent transcripts and chloroplast protein import in <i>Arabidopsis cotyledons</i> upon perturbation of chloroplast protein homeostasis. <i>Plant Journal</i> , 2020, 101, 1198-1220.	5.7	44
5	Specific thylakoid protein phosphorylations are prerequisites for overwintering of Norway spruce (<i>Picea abies</i>) in the States of America, 2020, 117, 17499-17509.	7.1	32
6	Evolutionary conservation and post-translational control of S-adenosyl-L-homocysteine hydrolase in land plants. <i>PLoS ONE</i> , 2020, 15, e0227466.	2.5	9
7	PSB33 protein sustains photosystem II in plant chloroplasts under UV-A light. <i>Journal of Experimental Botany</i> , 2020, 71, 7210-7223.	4.8	5
8	Title is missing!. , 2020, 15, e0227466.		0
9	Title is missing!. , 2020, 15, e0227466.		0
10	Title is missing!. , 2020, 15, e0227466.		0
11	Title is missing!. , 2020, 15, e0227466.		0
12	Title is missing!. , 2020, 15, e0227466.		0
13	Title is missing!. , 2020, 15, e0227466.		0
14	Thylakoid Protein Phosphorylation Dynamics in a Moss Mutant Lacking SERINE/THREONINE PROTEIN KINASE STN8. <i>Plant Physiology</i> , 2019, 180, 1582-1597.	4.8	20
15	The unique photosynthetic apparatus of Pinaceae: analysis of photosynthetic complexes in <i>Picea abies</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 3211-3225.	4.8	21
16	Interaction of methyl viologen-induced chloroplast and mitochondrial signalling in <i>Arabidopsis</i> . <i>Free Radical Biology and Medicine</i> , 2019, 134, 555-566.	2.9	51
17	The Role of Phosphorylation Dynamics of CURVATURE THYLAKOID 1B in Plant Thylakoid Membranes. <i>Plant Physiology</i> , 2019, 181, 1615-1631.	4.8	34
18	Trans-methylation reactions in plants: focus on the activated methyl cycle. <i>Physiologia Plantarum</i> , 2018, 162, 162-176.	5.2	32

#	ARTICLE	IF	CITATIONS
19	Regulation of cyclic electron flow by chloroplast NADPH^+ -dependent thioredoxin system. <i>Plant Direct</i> , 2018, 2, e00093.	1.9	61
20	A LHCb9-dependent photosystem I megacomplex induced under low light in <i>Physcomitrella patens</i> . <i>Nature Plants</i> , 2018, 4, 910-919.	9.3	32
21	Isolation and characterization of a photosystem II preparation from thylakoid membranes of the extreme halophyte <i>Salicornia veneta</i> Pignatti et Lausi. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 356-362.	5.8	2
22	PSB33 sustains photosystem II D1 protein under fluctuating light conditions. <i>Journal of Experimental Botany</i> , 2017, 68, 4281-4293.	4.8	12
23	$\text{PP}2\text{A}^{\text{B}} \text{B}^{\text{3}}$ modulates foliar <i>trans</i> -methylation capacity and the formation of 4-methoxyindolylmethyl glucosinolate in <i>Arabidopsis</i> leaves. <i>Plant Journal</i> , 2017, 89, 112-127.	5.7	23
24	Serine and threonine residues of plant $\text{STN}7$ kinase are differentially phosphorylated upon changing light conditions and specifically influence the activity and stability of the kinase. <i>Plant Journal</i> , 2016, 87, 484-494.	5.7	41
25	Subunits B^{3} and B^{1} of protein phosphatase 2A regulate photooxidative stress responses and growth in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2015, 38, 2641-2651.	5.7	27
26	Light acclimation involves dynamic reorganization of the pigment-protein megacomplexes in nonappressed thylakoid domains. <i>Plant Journal</i> , 2015, 84, 360-373.	5.7	66
27	Protein phosphatase 2A ($\text{PP}2\text{A}$) regulatory subunit B^{3} interacts with cytoplasmic $\text{ACONITASE}3$ and modulates the abundance of $\text{AOX}1\text{A}$ and $\text{AOX}1\text{D}$ in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2015, 205, 1250-1263.	7.3	55
28	Signalling crosstalk in light stress and immune reactions in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130235.	4.0	82
29	The protein phosphatase subunit $\text{PP}2\text{A}^{\text{B}} \text{B}^{\text{3}}$ is required to suppress day length-dependent pathogenesis responses triggered by intracellular oxidative stress. <i>New Phytologist</i> , 2014, 202, 145-160.	7.3	66
30	Systemic Signaling in Light Acclimation of Leaves. <i>Signaling and Communication in Plants</i> , 2013, , 231-250.	0.7	7
31	Chloroplast ultrastructure and thylakoid polypeptide composition are affected by different salt concentrations in the halophytic plant <i>Arthrocnemum macrostachyum</i> . <i>Journal of Plant Physiology</i> , 2012, 169, 111-116.	3.5	28
32	Identification of a 2-cys peroxiredoxin as a tetramethyl benzidine-hydrogen peroxide stained protein from the thylakoids of the extreme halophyte <i>Arthrocnemum macrostachyum</i> L.. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 59-66.	5.8	1
33	Regulatory Subunit B^{3} of Protein Phosphatase 2A Prevents Unnecessary Defense Reactions under Low Light in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 156, 1464-1480.	4.8	84
34	Knock-down of protein phosphatase 2A subunit B^{3} promotes phosphorylation of CALRETICULIN 1 in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2011, 6, 1665-1668.	2.4	14
35	Identification of a 2-cys peroxiredoxin in the extreme halophyte <i>Arthrocnemum macrostachyum</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, S47.	1.8	0