Amna Mhamdi

List of Publications by Year
in descending order

46 papers	5,813 citations	270111 25 h-index	263392 45 g-index
50 all docs	50 docs citations	50 times ranked	7195 citing authors

#	Article	IF	Citations
1	The<i>Arabidopsis</i>mediator complex subunit 8 regulates oxidative stress responses. Plant Cell, 2021, 33, 2032-2057.	3.1	23
2	On the move: redox-dependent protein relocation in plants. Journal of Experimental Botany, 2020, 71, 620-631.	2.4	44
3	To Grow or Not to Grow: Specific Lipoxygenases Control Wound-Induced Growth Restriction. Plant Physiology, 2020, 184, 1210-1211.	2.3	1
4	Here, There, and Everywhere: Plastid- and Nuclear-Localized WHIRLY1 Regulates Salicylic Acid Homeostasis during Developmental Senescence. Plant Physiology, 2020, 184, 1620-1621.	2.3	2
5	What Are the Roles for Dehydroascorbate Reductases and Glutathione in Sustaining Ascorbate Accumulation?. Plant Physiology, 2020, 183, 11-12.	2.3	6
6	The Protein Phosphatase PP2A-Bâ€²Î³ Takes Control over Salicylic Acid to Suppress Defense and Premature Senescence. Plant Physiology, 2020, 182, 681-682.	2.3	1
7	MYB30 Links the Reactive Oxygen Species Wave to Systemic Acclimation. Plant Physiology, 2020, 184, 552-553.	2.3	0
8	MYB30 Links the Reactive Oxygen Species Wave to Systemic Acclimation. Plant Physiology, 2020, 184, 552-553.	2.3	2
9	Keep Sugar Away to Stay Active: Glycosylation of Methyl Salicylate Shuts Down Systemic Signaling. Plant Physiology, 2019, 180, 1784-1785.	2.3	2
10	A Novel Specialized Immune Player: BSK5 Is Required for Restricting Pathogen Progression. Plant Physiology, 2019, 180, 709-710.	2.3	0
11	NPR1 Has Everything under Control. Plant Physiology, 2019, 181, 6-7.	2.3	6
12	The Immune Redoxome: Effector-Triggered Immunity Switches Cysteine Oxidation Profiles. Plant Physiology, 2019, 179, 1196-1197.	2.3	3
13	Another gun Dismantled: ABSCISIC ACID INSENSITIVE4 Is Not a Target of Retrograde Signaling. Plant Physiology, 2019, 179, 13-14.	2.3	3
14	Cytosolic Isocitrate Dehydrogenase from Arabidopsis thaliana Is Regulated by Glutathionylation. Antioxidants, 2019, 8, 16.	2.2	21
15	Analysis of catalase mutants underscores the essential role of <scp>CATALASE2</scp> for plant growth and day lengthâ€dependent oxidative signalling. Plant, Cell and Environment, 2019, 42, 688-700.	2.8	37
16	Redox-dependent control of nuclear transcription in plants. Journal of Experimental Botany, 2018, 69, 3359-3372.	2.4	86
17	Highlighting the Fast Signals that Establish Remote Metabolite Profiles. Plant Physiology, 2018, 178, 1434-1435.	2.3	0
18	Managing Competing Interests: Partitioning S between Glutathione and Protein Synthesis. Plant Physiology, 2018, 177, 867-868.	2.3	3

#	Article	IF	Citations
19	Reactive oxygen species in plant development. Development (Cambridge), 2018, 145, .	1.2	443
20	Cytosolic and Chloroplastic DHARs Cooperate in Oxidative Stress-Driven Activation of the Salicylic Acid Pathway. Plant Physiology, 2017, 174, 956-971.	2.3	72
21	Measurement of Transcripts Associated with Photorespiration and Related Redox Signaling. Methods in Molecular Biology, 2017, 1653, 17-29.	0.4	3
22	Glutathione oxidation in response to intracellular H₂O₂: Key but overlapping roles for dehydroascorbate reductases. Plant Signaling and Behavior, 2017, 12, e1356531.	1.2	33
23	Climate Change, CO 2 , and Defense: The Metabolic, Redox, and Signaling Perspectives. Trends in Plant Science, 2017, 22, 857-870.	4.3	74
24	High CO2 primes plant biotic stress defences through redox-linked pathways. Plant Physiology, 2016, 172, pp.01129.2016.	2.3	69
25	SHORT-ROOT Deficiency Alleviates the Cell Death Phenotype of the <i>Arabidopsis catalase2</i> Mutant under Photorespiration-Promoting Conditions. Plant Cell, 2016, 28, 1844-1859.	3.1	42
26	Oxidative stress and antioxidative systems: recipes for successful data collection and interpretation. Plant, Cell and Environment, 2016, 39, 1140-1160.	2.8	278
27	The ROS Wheel: Refining ROS Transcriptional Footprints. Plant Physiology, 2016, 171, 1720-1733.	2.3	137
28	Analysis of the roles of the Arabidopsis peroxisomal isocitrate dehydrogenase in leaf metabolism and oxidative stress. Environmental and Experimental Botany, 2015, 114, 22-29.	2.0	19
29	The metabolomics of oxidative stress. Phytochemistry, 2015, 112, 33-53.	1.4	199
30	Glutathione and NADPH in plant responses to H2O2. Free Radical Biology and Medicine, 2014, 75, S3-S4.	1.3	4
31	The protein phosphatase subunit PP 2Aâ€Bâ€²Î³ is required to suppress day lengthâ€dependent pathogenesis responses triggered by intracellular oxidative stress. New Phytologist, 2014, 202, 145-160.	3.5	66
32	The Roles of Reactive Oxygen Metabolism in Drought: Not So Cut and Dried Â Â. Plant Physiology, 2014, 164, 1636-1648.	2.3	519
33	Analysis of cytosolic isocitrate dehydrogenase and glutathione reductase 1 in photoperiodâ€influenced responses to ozone using <i><scp>A</scp>rabidopsis</i> knockout mutants. Plant, Cell and Environment, 2013, 36, 1981-1991.	2.8	23
34	Regulation of basal and oxidative stressâ€triggered jasmonic acidâ€related gene expression by glutathione. Plant, Cell and Environment, 2013, 36, 1135-1146.	2.8	137
35	Functional Analysis of Arabidopsis Mutants Points to Novel Roles for Glutathione in Coupling H₂O₂ to Activation of Salicylic Acid Accumulation and Signaling. Antioxidants and Redox Signaling, 2013, 18, 2106-2121.	2.5	234
36	Missing links in understanding redox signaling via thiol/disulfide modulation: how is glutathione oxidized in plants?. Frontiers in Plant Science, 2013, 4, 477.	1.7	75

#	Article	IF	Citations
37	Regulating the Redox Gatekeeper: Vacuolar Sequestration Puts Glutathione Disulfide in Its Place Â. Plant Physiology, 2013, 163, 665-671.	2.3	60
38	Analysis of knockout mutants suggests that Arabidopsis NADP-MALIC ENZYME2 does not play an essential role in responses to oxidative stress of intracellular or extracellular origin. Journal of Experimental Botany, 2013, 64, 3605-3614.	2.4	23
39	Glutathione-dependent phytohormone responses. Plant Signaling and Behavior, 2013, 8, e24181.	1.2	21
40	Plant catalases: Peroxisomal redox guardians. Archives of Biochemistry and Biophysics, 2012, 525, 181-194.	1.4	250
41	Glutathione in plants: an integrated overview. Plant, Cell and Environment, 2012, 35, 454-484.	2.8	1,211
42	Glutathione. The Arabidopsis Book, 2011, 9, 1-32.	0.5	206
43	Cytosolic NADP-dependent isocitrate dehydrogenase contributes to redox homeostasis and the regulation of pathogen responses in<i>Arabidopsis</i>leaves. Plant, Cell and Environment, 2010, 33, 1112-23.	2.8	107
44	Peroxisomal Hydrogen Peroxide Is Coupled to Biotic Defense Responses by ISOCHORISMATE SYNTHASE1 in a Daylength-Related Manner Â Â Â. Plant Physiology, 2010, 153, 1692-1705.	2.3	202
45	Catalase function in plants: a focus on Arabidopsis mutants as stress-mimic models. Journal of Experimental Botany, 2010, 61, 4197-4220.	2.4	736
46	Arabidopsis GLUTATHIONE REDUCTASE1 Plays a Crucial Role in Leaf Responses to Intracellular Hydrogen Peroxide and in Ensuring Appropriate Gene Expression through Both Salicylic Acid and Jasmonic Acid Signaling Pathways Â Â Â. Plant Physiology, 2010, 153, 1144-1160.	2.3	328