Brigitte Ksas

List of Publications by Year
in descending order

16	1,317	687220 13	940416 16
papers	citations	h-index	g-index

17	17	17	1792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of ROS-Induced Lipid Peroxidation by HPLC-Based Quantification of Hydroxy Polyunsaturated Fatty Acids. Methods in Molecular Biology, 2022, , 181-189.	0.4	3
2	Imaging of Lipid Peroxidation-Associated Chemiluminescence in Plants: Spectral Features, Regulation and Origin of the Signal in Leaves and Roots. Antioxidants, 2022, 11, 1333.	2.2	2
3	Luminescence imaging of leaf damage induced by lipid peroxidation products and its modulation by Î²â€cyclocitral. Physiologia Plantarum, 2021, 171, 246-259.	2.6	10
4	Endoplasmic reticulumâ€mediated unfolded protein response is an integral part of singlet oxygen signalling in plants. Plant Journal, 2020, 102, 1266-1280.	2.8	26
5	Interplay between antioxidants in response to photooxidative stress in Arabidopsis. Free Radical Biology and Medicine, 2020, 160, 894-907.	1.3	19
6	OXI1 and DAD Regulate Light-Induced Cell Death Antagonistically through Jasmonate and Salicylate Levels. Plant Physiology, 2019, 180, 1691-1708.	2.3	30
7	Decoding Î²-Cyclocitral-Mediated Retrograde Signaling Reveals the Role of a Detoxification Response in Plant Tolerance to Photooxidative Stress. Plant Cell, 2018, 30, 2495-2511.	3.1	108
8	Chemical quenching of singlet oxygen by plastoquinols and their oxidation products in Arabidopsis. Plant Journal, 2018, 95, 848-861.	2.8	22
9	METHYLENE BLUE SENSITIVITY 1 (MBS1) is required for acclimation of Arabidopsis to singlet oxygen and acts downstream of Î²â€cyclocitral. Plant, Cell and Environment, 2017, 40, 216-226.	2.8	76
10	Plant tolerance to excess light energy and photooxidative damage relies on plastoquinone biosynthesis. Scientific Reports, 2015, 5, 10919.	1.6	85
11	<scp>A</scp>rabidopsis lipocalins <scp>AtCHL</scp> and <scp>AtTIL</scp> have distinct but overlapping functions essential for lipid protection and seed longevity. Plant, Cell and Environment, 2014, 37, 368-381.	2.8	63
12	Light-Induced Acclimation of the Arabidopsis chlorina1 Mutant to Singlet Oxygen Â. Plant Cell, 2013, 25, 1445-1462.	3.1	133
13	Jasmonate. Plant Signaling and Behavior, 2013, 8, e26655.	1.2	18
14	Using spontaneous photon emission to image lipid oxidation patterns in plant tissues. Plant Journal, 2011, 67, 1103-1115.	2.8	85
15	Singlet Oxygen Is the Major Reactive Oxygen Species Involved in Photooxidative Damage to Plants. Plant Physiology, 2008, 148, 960-968.	2.3	475
16	Elevated Zeaxanthin Bound to Oligomeric LHCII Enhances the Resistance of Arabidopsis to Photooxidative Stress by a Lipid-protective, Antioxidant Mechanism. Journal of Biological Chemistry, 2007, 282, 22605-22618.	1.6	162