Ndiko Ludidi

List of Publications by Year
in descending order

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		567281	610901
24	890	15	24
papers	citations	h-index	g-index

24	24	24	957
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Common bean as a potential crop for future food security: an overview of past, current and future contributions in genomics, transcriptomics, transgenics and proteomics. Biotechnology and Biotechnological Equipment, 2021, 35, 759-787.	1.3	39
2	Exogenous 3,3â€²-Diindolylmethane Improves Vanadium Stress Tolerance in Brassica napus Seedling Shoots by Modulating Antioxidant Enzyme Activities. Biomolecules, 2021, 11, 436.	4.0	5
3	Morpho-Physiological, Biochemical, and Genetic Responses to Salinity in Medicago truncatula. Plants, 2021, 10, 808.	3.5	6
4	Evaluation of the Morpho-Physiological, Biochemical and Molecular Responses of Contrasting Medicago truncatula Lines under Water Deficit Stress. Plants, 2021, 10, 2114.	3.5	7
5	Decoding Heavy Metal Stress Signalling in Plants: Towards Improved Food Security and Safety. Plants, 2020, 9, 1781.	3.5	39
6	Genetic Diversity, Population Structure and Marker-Trait Association for 100-Seed Weight in International Safflower Panel Using SilicoDArT Marker Information. Plants, 2020, 9, 652.	3.5	18
7	Modelling predicts that soybean is poised to dominate crop production across <scp>A</scp>frica. Plant, Cell and Environment, 2019, 42, 373-385.	5.7	47
8	Inhibition of NOS- like activity in maize alters the expression of genes involved in H2O2 scavenging and glycine betaine biosynthesis. Scientific Reports, 2018, 8, 12628.	3.3	12
9	Drought and exogenous abscisic acid alter hydrogen peroxide accumulation and differentially regulate the expression of two maize RD22-like genes. Scientific Reports, 2017, 7, 8821.	3.3	36
10	Response of soybean nodules to exogenously applied caffeic acid during NaCl-induced salinity. South African Journal of Botany, 2015, 96, 13-18.	2.5	26
11	Modification of cadaverine content by NO in salt-stressed maize. Plant Signaling and Behavior, 2014, 9, e27598.	2.4	6
12	Caffeic acid decreases salinity-induced root nodule superoxide radical accumulation and limits salinity-induced biomass reduction in soybean. Acta Physiologiae Plantarum, 2013, 35, 3059-3066.	2.1	18
13	Capacity to control oxidative stress-induced caspase-like activity determines the level of tolerance to salt stress in two contrasting maize genotypes. Acta Physiologiae Plantarum, 2013, 35, 31-40.	2.1	10
14	Measurement of Nitric Oxide in Plant Tissue Using Difluorofluorescein and Oxyhemoglobin. Methods in Molecular Biology, 2013, 1016, 253-259.	0.9	2
15	Nitric oxide affects salt-induced changes in free amino acid levels in maize. Journal of Plant Physiology, 2013, 170, 1020-1027.	3.5	16
16	Caspase-like enzymatic activity and the ascorbate-glutathione cycle participate in salt stress tolerance of maize conferred by exogenously applied nitric oxide. Plant Signaling and Behavior, 2012, 7, 349-360.	2.4	45
17	Identification of a novel Arabidopsis thaliana nitric oxide-binding molecule with guanylate cyclase activity in vitro. FEBS Letters, 2011, 585, 2693-2697.	2.8	77
18	Nitric oxide increases the enzymatic activity of three ascorbate peroxidase isoforms in soybean root nodules. Plant Signaling and Behavior, 2011, 6, 956-961.	2.4	30

#	Article	IF	Citations
19	Gibberellic acid and cGMP-dependent transcriptional regulation inArabidopsis thaliana. Plant Signaling and Behavior, 2010, 5, 224-232.	2.4	40
20	Endogenous NO levels regulate nodule functioning. Plant Signaling and Behavior, 2010, 5, 1679-1681.	2.4	8
21	Nitric oxide synthase activity is required for development of functional nodules in soybean. Journal of Plant Physiology, 2010, 167, 1584-1591.	3.5	37
22	A Recombinant Plant Natriuretic Peptide Causes Rapid and Spatially Differentiated K+, Na+ and H+ Flux Changes in Arabidopsis thaliana Roots. Plant and Cell Physiology, 2004, 45, 1093-1098.	3.1	43
23	Salt and osmotic stress cause rapid increases inArabidopsis thalianacGMP levels. FEBS Letters, 2004, 569, 317-320.	2.8	160
24	Identification of a Novel Protein with Guanylyl Cyclase Activity in Arabidopsis thaliana. Journal of Biological Chemistry, 2003, 278, 6490-6494.	3.4	163