Baohai Li

List of Publications by Year
in descending order

19	1,173	567281 15	794594 19
papers	citations	h-index	g-index

20	20	20	1290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Melatonin: A master regulator of plant development and stress responses. Journal of Integrative Plant Biology, 2021, 63, 126-145.	8.5	236
2	The Emerging Role of GSNOR in Oxidative Stress Regulation. Trends in Plant Science, 2021, 26, 156-168.	8.8	34
3	Induction of S-nitrosoglutathione reductase protects root growth from ammonium toxicity by regulating potassium homeostasis in Arabidopsis and rice. Journal of Experimental Botany, 2021, 72, 4548-4564.	4.8	21
4	Molecular functions of nitric oxide and its potential applications in horticultural crops. Horticulture Research, 2021, 8, 71.	6.3	54
5	An SMU Splicing Factor Complex Within Nuclear Speckles Contributes to Magnesium Homeostasis in Arabidopsis. Plant Physiology, 2020, 184, 428-442.	4.8	6
6	Callose Synthesis Suppresses Cell Death Induced by Low-Calcium Conditions in Leaves. Plant Physiology, 2020, 182, 2199-2212.	4.8	16
7	GSNOR provides plant tolerance to iron toxicity via preventing iron-dependent nitrosative and oxidative cytotoxicity. Nature Communications, 2019, 10, 3896.	12.8	59
8	Role of LOTR1 in Nutrient Transport through Organization of Spatial Distribution of Root Endodermal Barriers. Current Biology, 2017, 27, 758-765.	3.9	98
9	AUX1 and PIN2 Protect Lateral Root Formation in Arabidopsis under Fe Stress. Plant Physiology, 2015, 169, pp.00904.2015.	4.8	45
10	Ammonium stress in Arabidopsis: signaling, genetic loci, and physiological targets. Trends in Plant Science, 2014, 19, 107-114.	8.8	204
11	<scp>GSA</scp>â€1/<scp>ARG</scp>1 protects root gravitropism in Arabidopsis under ammonium stress. New Phytologist, 2013, 200, 97-111.	7.3	35
12	Ammonium-induced shoot ethylene production is associated with the inhibition of lateral root formation in Arabidopsis. Journal of Experimental Botany, 2013, 64, 1413-1425.	4.8	50
13	Molecular components of stress-responsive plastid retrograde signaling networks and their involvement in ammonium stress. Plant Signaling and Behavior, 2013, 8, e23107.	2.4	10
14	Arabidopsis Plastid AMOS1/EGY1 Integrates Abscisic Acid Signaling to Regulate Global Gene Expression Response to Ammonium Stress. Plant Physiology, 2012, 160, 2040-2051.	4.8	92
15	Ammonium-induced loss of root gravitropism is related to auxin distribution and TRH1 function, and is uncoupled from the inhibition of root elongation in Arabidopsis. Journal of Experimental Botany, 2012, 63, 3777-3788.	4.8	51
16	Isolation and characterization of a novel ammonium overly sensitive mutant, amos2, in Arabidopsis thaliana. Planta, 2012, 235, 239-252.	3.2	38
17	Shootâ€supplied ammonium targets the root auxin influx carrier AUX1 and inhibits lateral root emergence in Arabidopsis. Plant, Cell and Environment, 2011, 34, 933-946.	5.7	90
18	The differing responses of two Arabidopsis ecotypes to ammonium are modulated by the photoperiod regime. Acta Physiologiae Plantarum, 2011, 33, 325-334.	2.1	27

#	Article	IF	Citations
19	Roles of abscisic acid and auxin in shoot-supplied ammonium inhibition of root system development. Plant Signaling and Behavior, 2011, 6, 1451-1453.	2.4	7