

Baohai Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,173
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin: A master regulator of plant development and stress responses. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 126-145.	8.5	236
2	Ammonium stress in Arabidopsis: signaling, genetic loci, and physiological targets. <i>Trends in Plant Science</i> , 2014, 19, 107-114.	8.8	204
3	Role of LOTR1 in Nutrient Transport through Organization of Spatial Distribution of Root Endodermal Barriers. <i>Current Biology</i> , 2017, 27, 758-765.	3.9	98
4	Arabidopsis Plastid AMOS1/EGY1 Integrates Abscisic Acid Signaling to Regulate Global Gene Expression Response to Ammonium Stress. <i>Plant Physiology</i> , 2012, 160, 2040-2051.	4.8	92
5	Shoot-supplied ammonium targets the root auxin influx carrier AUX1 and inhibits lateral root emergence in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2011, 34, 933-946.	5.7	90
6	GSNOR provides plant tolerance to iron toxicity via preventing iron-dependent nitrosative and oxidative cytotoxicity. <i>Nature Communications</i> , 2019, 10, 3896.	12.8	59
7	Molecular functions of nitric oxide and its potential applications in horticultural crops. <i>Horticulture Research</i> , 2021, 8, 71.	6.3	54
8	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. <i>Journal of Experimental Botany</i> , 2012, 63, 3777-3788.	4.8	51
9	Ammonium-induced shoot ethylene production is associated with the inhibition of lateral root formation in Arabidopsis. <i>Journal of Experimental Botany</i> , 2013, 64, 1413-1425.	4.8	50
10	AUX1 and PIN2 Protect Lateral Root Formation in Arabidopsis under Fe Stress. <i>Plant Physiology</i> , 2015, 169, pp.00904.2015.	4.8	45
11	Isolation and characterization of a novel ammonium overly sensitive mutant, amos2, in Arabidopsis thaliana. <i>Planta</i> , 2012, 235, 239-252.	3.2	38
12	<i>GSA</i> protects root gravitropism in <i>Arabidopsis</i> under ammonium stress. <i>New Phytologist</i> , 2013, 200, 97-111.	7.3	35
13	The Emerging Role of GSNOR in Oxidative Stress Regulation. <i>Trends in Plant Science</i> , 2021, 26, 156-168.	8.8	34
14	The differing responses of two Arabidopsis ecotypes to ammonium are modulated by the photoperiod regime. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 325-334.	2.1	27
15	Induction of <i>S</i> -nitrosoglutathione reductase protects root growth from ammonium toxicity by regulating potassium homeostasis in Arabidopsis and rice. <i>Journal of Experimental Botany</i> , 2021, 72, 4548-4564.	4.8	21
16	Callose Synthesis Suppresses Cell Death Induced by Low-Calcium Conditions in Leaves. <i>Plant Physiology</i> , 2020, 182, 2199-2212.	4.8	16
17	Molecular components of stress-responsive plastid retrograde signaling networks and their involvement in ammonium stress. <i>Plant Signaling and Behavior</i> , 2013, 8, e23107.	2.4	10
18	Roles of abscisic acid and auxin in shoot-supplied ammonium inhibition of root system development. <i>Plant Signaling and Behavior</i> , 2011, 6, 1451-1453.	2.4	7

#	ARTICLE	IF	CITATIONS
19	An SMU Splicing Factor Complex Within Nuclear Speckles Contributes to Magnesium Homeostasis in Arabidopsis. <i>Plant Physiology</i> , 2020, 184, 428-442.	4.8	6