Lihong Gao

List of Publications by Year
in descending order

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21	703	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	805
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms Associated with the Resistance of Rhizoctonia solani AG-4 Isolates to the Succinate Dehydrogenase Inhibitor Thifluzamide. Phytopathology, 2022, 112, 567-578.	2.2	3
2	From Raffinose Family Oligosaccharides to Sucrose and Hexoses: Gene Expression Profiles Underlying Host-to-Nematode Carbon Delivery in Cucumis sativus Roots. Frontiers in Plant Science, 2022, 13, 823382.	3.6	5
3	Involvement of boron transporter BOR1 in growth under low boron and high nitrate conditions in Arabidopsis thaliana. Physiologia Plantarum, 2021, 171, 703-713.	5.2	2
4	Salt-induced recruitment of specific root-associated bacterial consortium capable of enhancing plant adaptability to salt stress. ISME Journal, 2021, 15, 2865-2882.	9.8	104
5	Biochar combined with gypsum reduces both nitrogen and carbon losses during agricultural waste composting and enhances overall compost quality by regulating microbial activities and functions. Bioresource Technology, 2020, 314, 123781.	9.6	73
6	Genome-Wide Identification, Structural, and Gene Expression Analysis of BRI1-EMS-Suppressor 1 Transcription Factor Family in Cucumis sativus. Frontiers in Genetics, 2020, 11, 583996.	2.3	6
7	Genome-Wide Identification and Characterization of Cucumber BPC Transcription Factors and Their Responses to Abiotic Stresses and Exogenous Phytohormones. International Journal of Molecular Sciences, 2019, 20, 5048.	4.1	11
8	Down-regulation of the Sucrose Transporter CsSUT1 Causes Male Sterility by Altering Carbohydrate Supply. Plant Physiology, 2019, 180, 986-997.	4.8	54
9	Selection of reference genes for quantitative real-time PCR analysis in cucumber (Cucumis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T plants. PeerJ, 2019, 7, e6536.	2.0	21
10	Knock-Down of CsNRT2.1, a Cucumber Nitrate Transporter, Reduces Nitrate Uptake, Root length, and Lateral Root Number at Low External Nitrate Concentration. Frontiers in Plant Science, 2018, 9, 722.	3.6	31
11	Effect of grafting and gypsum application on cucumber (Cucumis sativus L.) growth under saline water irrigation. Agricultural Water Management, 2017, 188, 79-90.	5.6	20
12	Microbial diversity in solar greenhouse soils in Round-Bohai Bay-Region, China: The influence of cultivation year and environmental condition. Environmental Science and Pollution Research, 2017, 24, 23236-23249.	5.3	12
13	Polychromatic Supplemental Lighting from underneath Canopy Is More Effective to Enhance Tomato Plant Development by Improving Leaf Photosynthesis and Stomatal Regulation. Frontiers in Plant Science, 2016, 7, 1832.	3.6	20
14	Nutrients, heavy metals and phthalate acid esters in solar greenhouse soils in Round-Bohai Bay-Region, China: impacts of cultivation year and biogeography. Environmental Science and Pollution Research, 2016, 23, 13076-13087.	5.3	37
15	Down-Regulating CsHT1, a Cucumber Pollen-Specific Hexose Transporter, Inhibits Pollen Germination, Tube Growth, and Seed Development. Plant Physiology, 2015, 168, 635-647.	4.8	61
16	Bacterial Diversity in the Rhizosphere of Cucumbers Grown in Soils Covering a Wide Range of Cucumber Cropping Histories and Environmental Conditions. Microbial Ecology, 2014, 68, 794-806.	2.8	59
17	Soil microbial communities associated with the rhizosphere of cucumber under different summer cover crops and residue management: A 4-year field experiment. Scientia Horticulturae, 2013, 150, 100-109.	3.6	36
18	Carbon mineralization in the soils under different cover crops and residue management in an intensive protected vegetable cultivation. Scientia Horticulturae, 2011, 127, 198-206.	3.6	17

#	Article	IF	Citations
19	Effects of summer cover crop and residue management on cucumber growth in intensive Chinese production systems: soil nutrients, microbial properties and nematodes. Plant and Soil, 2011, 339, 299-315.	3.7	46
20	Effects of summer catch crop, residue management, soil temperature and water on the succeeding cucumber rhizosphere nitrogen mineralization in intensive production systems. Nutrient Cycling in Agroecosystems, 2010, 88, 429-446.	2.2	47
21	Microbial properties of rhizosphere soils as affected by rotation, grafting, and soil sterilization in intensive vegetable production systems. Scientia Horticulturae, 2009, 123, 139-147.	3.6	38