

# Lihong Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

703  
citations

567281

15  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Salt-induced recruitment of specific root-associated bacterial consortium capable of enhancing plant adaptability to salt stress. <i>ISME Journal</i> , 2021, 15, 2865-2882.	9.8	104
2	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. <i>Bioresource Technology</i> , 2020, 314, 123781.	9.6	73
3	Down-Regulating CsHT1, a Cucumber Pollen-Specific Hexose Transporter, Inhibits Pollen Germination, Tube Growth, and Seed Development. <i>Plant Physiology</i> , 2015, 168, 635-647.	4.8	61
4	Bacterial Diversity in the Rhizosphere of Cucumbers Grown in Soils Covering a Wide Range of Cucumber Cropping Histories and Environmental Conditions. <i>Microbial Ecology</i> , 2014, 68, 794-806.	2.8	59
5	Down-regulation of the Sucrose Transporter <i>CsSUT1</i> Causes Male Sterility by Altering Carbohydrate Supply. <i>Plant Physiology</i> , 2019, 180, 986-997.	4.8	54
6	Effects of summer catch crop, residue management, soil temperature and water on the succeeding cucumber rhizosphere nitrogen mineralization in intensive production systems. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 88, 429-446.	2.2	47
7	Effects of summer cover crop and residue management on cucumber growth in intensive Chinese production systems: soil nutrients, microbial properties and nematodes. <i>Plant and Soil</i> , 2011, 339, 299-315.	3.7	46
8	Microbial properties of rhizosphere soils as affected by rotation, grafting, and soil sterilization in intensive vegetable production systems. <i>Scientia Horticulturae</i> , 2009, 123, 139-147.	3.6	38
9	Nutrients, heavy metals and phthalate acid esters in solar greenhouse soils in Round-Bohai Bay-Region, China: impacts of cultivation year and biogeography. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13076-13087.	5.3	37
10	Soil microbial communities associated with the rhizosphere of cucumber under different summer cover crops and residue management: A 4-year field experiment. <i>Scientia Horticulturae</i> , 2013, 150, 100-109.	3.6	36
11	Knock-Down of CsNRT2.1, a Cucumber Nitrate Transporter, Reduces Nitrate Uptake, Root length, and Lateral Root Number at Low External Nitrate Concentration. <i>Frontiers in Plant Science</i> , 2018, 9, 722.	3.6	31
12	Selection of reference genes for quantitative real-time PCR analysis in cucumber ( <i>Cucumis</i> ) plants. <i>PeerJ</i> , 2019, 7, e6536.	2.0	21
13	Polychromatic Supplemental Lighting from underneath Canopy Is More Effective to Enhance Tomato Plant Development by Improving Leaf Photosynthesis and Stomatal Regulation. <i>Frontiers in Plant Science</i> , 2016, 7, 1832.	3.6	20
14	Effect of grafting and gypsum application on cucumber ( <i>Cucumis sativus</i> L.) growth under saline water irrigation. <i>Agricultural Water Management</i> , 2017, 188, 79-90.	5.6	20
15	Carbon mineralization in the soils under different cover crops and residue management in an intensive protected vegetable cultivation. <i>Scientia Horticulturae</i> , 2011, 127, 198-206.	3.6	17
16	Microbial diversity in solar greenhouse soils in Round-Bohai Bay-Region, China: The influence of cultivation year and environmental condition. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23236-23249.	5.3	12
17	Genome-Wide Identification and Characterization of Cucumber BPC Transcription Factors and Their Responses to Abiotic Stresses and Exogenous Phytohormones. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5048.	4.1	11
18	Genome-Wide Identification, Structural, and Gene Expression Analysis of BRI1-EMS-Suppressor 1 Transcription Factor Family in <i>Cucumis sativus</i> . <i>Frontiers in Genetics</i> , 2020, 11, 583996.	2.3	6

#	ARTICLE	IF	CITATIONS
19	From Raffinose Family Oligosaccharides to Sucrose and Hexoses: Gene Expression Profiles Underlying Host-to-Nematode Carbon Delivery in <i>Cucumis sativus</i> Roots. <i>Frontiers in Plant Science</i> , 2022, 13, 823382.	3.6	5
20	Molecular Mechanisms Associated with the Resistance of <i>Rhizoctonia solani</i> AG-4 Isolates to the Succinate Dehydrogenase Inhibitor Thifluzamide. <i>Phytopathology</i> , 2022, 112, 567-578.	2.2	3
21	Involvement of boron transporter BOR1 in growth under low boron and high nitrate conditions in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2021, 171, 703-713.	5.2	2