

Xun Li

List of Publications by Year in descending order

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42
papers

1,194
citations

394421

19
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377865

34
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44
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44
docs citations

44
times ranked

1720
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated root-zone temperature promotes the growth and alleviates the photosynthetic acclimation of cucumber plants exposed to elevated [CO ₂]. <i>Environmental and Experimental Botany</i> , 2022, 194, 104694.	4.2	7
2	Nitrogen slow-release behavior of oxamide granules in two different types of paddy soils. <i>Pedosphere</i> , 2022, 32, 856-865.	4.0	0
3	Does the short-term fluctuation of mineral element concentrations in the closed hydroponic experimental facilities affect the mineral concentrations in cucumber plants exposed to elevated CO ₂ ? <i>Plant and Soil</i> , 2021, 465, 125-141.	3.7	7
4	Plastic shed soil salinity in China: Current status and next steps. <i>Journal of Cleaner Production</i> , 2021, 296, 126453.	9.3	30
5	Dose-Dependent Application of Straw-Derived Fulvic Acid on Yield and Quality of Tomato Plants Grown in a Greenhouse. <i>Frontiers in Plant Science</i> , 2021, 12, 736613.	3.6	10
6	Efficiency of Reductive Soil Disinfestation Affected by Soil Water Content and Organic Amendment Rate. <i>Horticulturae</i> , 2021, 7, 559.	2.8	5
7	Impacts of elevated CO ₂ on nitrogen uptake of cucumber plants and nitrogen cycling in a greenhouse soil. <i>Applied Soil Ecology</i> , 2020, 145, 103342.	4.3	18
8	Sustainable vegetable production under changing climate: The impact of elevated CO ₂ on yield of vegetables and the interactions with environments-A review. <i>Journal of Cleaner Production</i> , 2020, 253, 119920.	9.3	40
9	Phosphorus application improved the yield of citrus plants grown for three years in an acid soil in the Three Gorges Reservoir Area. <i>Scientia Horticulturae</i> , 2020, 273, 109596.	3.6	4
10	Interactive Effects of the CO ₂ Enrichment and Nitrogen Supply on the Biomass Accumulation, Gas Exchange Properties, and Mineral Elements Concentrations in Cucumber Plants at Different Growth Stages. <i>Agronomy</i> , 2020, 10, 139.	3.0	15
11	Greenhouse soil warmed by capillary network and its effect on the growth of cucumber. <i>Acta Horticulturae</i> , 2020, , 149-158.	0.2	5
12	Effects of maize straw-derived biochar application on soil temperature, water conditions and growth of winter wheat. <i>European Journal of Soil Science</i> , 2019, 70, 1280-1289.	3.9	43
13	Elevated and super-elevated CO ₂ differ in their interactive effects with nitrogen availability on fruit yield and quality of cucumber. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4509-4516.	3.5	24
14	The relationship between root exudation properties and root morphological traits of cucumber grown under different nitrogen supplies and atmospheric CO ₂ concentrations. <i>Plant and Soil</i> , 2018, 425, 415-432.	3.7	51
15	Interactive effects of elevated carbon dioxide and nitrogen availability on fruit quality of cucumber (<i>Cucumis sativus</i> L.). <i>Journal of Integrative Agriculture</i> , 2018, 17, 2438-2446.	3.5	19
16	Cell Cycle Arrest and Apoptosis in HT-29 Cells Induced by Dichloromethane Fraction From <i>Toddalia asiatica</i> (L.) Lam.. <i>Frontiers in Pharmacology</i> , 2018, 9, 629.	3.5	19
17	Effect of the Slow-Release Nitrogen Fertilizer Oxamide on Ammonia Volatilization and Nitrogen Use Efficiency in Paddy Soil. <i>Agronomy</i> , 2018, 8, 53.	3.0	11
18	Effects of Elevated CO ₂ on Nutritional Quality of Vegetables: A Review. <i>Frontiers in Plant Science</i> , 2018, 9, 924.	3.6	164

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19	High nitrate supply promotes nitrate assimilation and alleviates photosynthetic acclimation of cucumber plants under elevated CO ₂ . <i>Scientia Horticulturae</i> , 2017, 218, 275-283.	3.6	34
20	Comparative Analysis of Saponins from Different Phytolaccaceae Species and Their Antiproliferative Activities. <i>Molecules</i> , 2017, 22, 1077.	3.8	14
21	Pollutantsâ€™ Release, Redistribution and Remediation of Black Smelly River Sediment Based on Re-Suspension and Deep Aeration of Sediment. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 374.	2.6	30
22	Analysis of Flavonoids in <i>Rhamnus davurica</i> and Its Antiproliferative Activities. <i>Molecules</i> , 2016, 21, 1275.	3.8	124
23	Biomass allocation and organs growth of cucumber (<i>Cucumis sativus</i> L.) under elevated CO ₂ and different N supply. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 277-288.	2.6	14
24	Adsorption efficiency of a continuous trapping system and its use for the collection of root exudates from cucumber. <i>Journal of Plant Nutrition and Soil Science</i> , 2015, 178, 963-975.	1.9	4
25	The treatment performance and nutrient removal of a garden land infiltration system receiving dairy farm wastewater. <i>Agricultural Water Management</i> , 2015, 150, 103-110.	5.6	13
26	An Improved High-performance Liquid Chromatographic Method for the Determination of Soluble Sugars in Root Exudates of Greenhouse Cucumber Grown under CO ₂ Enrichment. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 356-363.	1.0	9
27	Low Root Zone Temperature Limits Nutrient Effects on Cucumber Seedling Growth and Induces Adversity Physiological Response. <i>Journal of Integrative Agriculture</i> , 2013, 12, 1450-1460.	3.5	48
28	Cucumber Growth and Nitrogen Uptake as Affected by Solution Temperature and NO ₃ :NH ₄ + Ratios during the Seedling. <i>Horticultural Science and Technology</i> , 2013, 31, 393-399.	0.6	3
29	Effects of root-zone temperature and N, P, and K supplies on nutrient uptake of cucumber (<i>Cucumis</i>) Tj ETQq1 1,0,784314,rgBT /Ove	1.9	75
30	Synthesis of GdFeO ₃ microspheres assembled by nanoparticles as magnetically recoverable and visible-light-driven photocatalysts. <i>Materials Letters</i> , 2012, 89, 262-265.	2.6	22
31	Controllable synthesis of helical, straight, hollow and nitrogen-doped carbon nanofibers and their magnetic properties. <i>Materials Research Bulletin</i> , 2012, 47, 4383-4391.	5.2	11
32	One-step catalytic growth of carbon nanofiber arrays vertically aligned on carbon substrate. <i>Materials Research Bulletin</i> , 2012, 47, 1557-1561.	5.2	6
33	Nitrogen-doped carbon nanotube arrays grown on graphene substrate. <i>Thin Solid Films</i> , 2012, 520, 1959-1964.	1.8	20
34	Basic amino acid assisted fabrication of rectangular nanotube, circular nanotube, and hollow microsphere of polyaniline: Adjusting and controlling effect of pH value. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2173-2182.	2.3	19
35	Flexible Magnetic Nanoparticlesâ€“Reduced Graphene Oxide Composite Membranes Formed by Self-Assembly in Solution. <i>ChemPhysChem</i> , 2010, 11, 2432-2437.	2.1	53
36	Controllable Synthesis of Pure-Phase Rare-Earth Orthoferrites Hollow Spheres with a Porous Shell and Their Catalytic Performance for the CO + NO Reaction. <i>Chemistry of Materials</i> , 2010, 22, 4879-4889.	6.7	75

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37	Controllable Fabrication, Growth Mechanisms, and Photocatalytic Properties of Hematite Hollow Spindles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2837-2845.	3.1	63
38	Magnetically Separable Core-Shell-structured $\text{Fe}_3\text{O}_4/\text{SiO}_2$ Catalyst with High Activity and Selectivity for Oxidizing Benzyl Alcohol to Benzaldehyde. <i>Chemistry Letters</i> , 2009, 38, 806-807.	1.3	7
39	Synthesis, Characterization, and Physicochemical Properties of Well-Coupled $\text{Y}_2\text{O}_3/\text{Ag}$ Nanobelt-Ag Nanocrystals Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17893-17898.	3.1	9
40	Two Growth Modes of Metal Oxide in the Colloidal Crystal Template Leading to the Formation of Two Different Macroporous Materials. <i>Chemistry of Materials</i> , 2007, 19, 5424-5430.	6.7	22
41	3-D ordered macroporous cuprous oxide: Fabrication, optical, and photoelectrochemical properties. <i>Journal of Colloid and Interface Science</i> , 2007, 308, 460-465.	9.4	46
42	Fabrication of monodisperse colloidal array with confinement effects. <i>Chemical Communications</i> , 2006, , 75-77.	4.1	1