

# Xun Li

## List of Publications by Year in descending order

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42  
papers

1,194  
citations

394421

19  
h-index

377865

34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Elevated CO <sub>2</sub> on Nutritional Quality of Vegetables: A Review. <i>Frontiers in Plant Science</i> , 2018, 9, 924.	3.6	164
2	Analysis of Flavonoids in <i>Rhamnus davurica</i> and Its Antiproliferative Activities. <i>Molecules</i> , 2016, 21, 1275.	3.8	124
3	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
4	Effects of root-zone temperature and N, P, and K supplies on nutrient uptake of cucumber ( <i>Cucumis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10	1.9	75
5	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
6	Flexible Magnetic Nanoparticlesâ€“Reduced Graphene Oxide Composite Membranes Formed by Selfâ€“Assembly in Solution. <i>ChemPhysChem</i> , 2010, 11, 2432-2437.	2.1	53
7	The relationship between root exudation properties and root morphological traits of cucumber grown under different nitrogen supplies and atmospheric CO <sub>2</sub> concentrations. <i>Plant and Soil</i> , 2018, 425, 415-432.	3.7	51
8	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
9	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
10	Effects of maize strawâ€“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
11	Sustainable vegetable production under changing climate: The impact of elevated CO <sub>2</sub> on yield of vegetables and the interactions with environments-A review. <i>Journal of Cleaner Production</i> , 2020, 253, 119920.	9.3	40
12	High nitrate supply promotes nitrate assimilation and alleviates photosynthetic acclimation of cucumber plants under elevated CO <sub>2</sub> . <i>Scientia Horticulturae</i> , 2017, 218, 275-283.	3.6	34
13	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
14	Plastic shed soil salinity in China: Current status and next steps. <i>Journal of Cleaner Production</i> , 2021, 296, 126453.	9.3	30
15	Elevated and superâ€“elevated CO <sub>2</sub> 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
16	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
17	Synthesis of GdFeO <sub>3</sub> microspheres assembled by nanoparticles as magnetically recoverable and visible-light-driven photocatalysts. <i>Materials Letters</i> , 2012, 89, 262-265.	2.6	22
18	Nitrogen-doped carbon nanotube arrays grown on graphene substrate. <i>Thin Solid Films</i> , 2012, 520, 1959-1964.	1.8	20

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19	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
20	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
21	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
22	Impacts of elevated CO <sub>2</sub> on nitrogen uptake of cucumber plants and nitrogen cycling in a greenhouse soil. <i>Applied Soil Ecology</i> , 2020, 145, 103342.	4.3	18
23	Interactive Effects of the CO <sub>2</sub> 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
24	Biomass allocation and organs growth of cucumber ( <i>Cucumis sativus</i> L.) under elevated CO <sub>2</sub> and different N supply. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 277-288.	2.6	14
25	Comparative Analysis of Saponins from Different Phytolaccaceae Species and Their Antiproliferative Activities. <i>Molecules</i> , 2017, 22, 1077.	3.8	14
26	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
27	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
28	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
29	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
30	Synthesis, Characterization, and Physicochemical Properties of Well-Coupled Y <sub>2</sub> O <sub>3</sub> Nanobelt~Ag Nanocrystals Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17893-17898.	3.1	9
31	An Improved High-performance Liquid Chromatographic Method for the Determination of Soluble Sugars in Root Exudates of Greenhouse Cucumber Grown under CO <sub>2</sub> Enrichment. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 356-363.	1.0	9
32	Magnetically Separable Core~Shell-structured $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> Catalyst with High Activity and Selectivity for Oxidizing Benzyl Alcohol to Benzaldehyde. <i>Chemistry Letters</i> , 2009, 38, 806-807.	1.3	7
33	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 <sub>2</sub> ? <i>Plant and Soil</i> , 2021, 465, 125-141.	3.7	7
34	Elevated root-zone temperature promotes the growth and alleviates the photosynthetic acclimation of cucumber plants exposed to elevated [CO <sub>2</sub> ]. <i>Environmental and Experimental Botany</i> , 2022, 194, 104694.	4.2	7
35	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
36	Greenhouse soil warmed by capillary network and its effect on the growth of cucumber. <i>Acta Horticulturae</i> , 2020, , 149-158.	0.2	5

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37	Efficiency of Reductive Soil Disinfestation Affected by Soil Water Content and Organic Amendment Rate. Horticulturae, 2021, 7, 559.	2.8	5
38	Adsorption efficiency of a continuous trapping system and its use for the collection of root exudates from cucumber. Journal of Plant Nutrition and Soil Science, 2015, 178, 963-975.	1.9	4
39	Phosphorus application improved the yield of citrus plants grown for three years in an acid soil in the Three Gorges Reservoir Area. Scientia Horticulturae, 2020, 273, 109596.	3.6	4
40	Cucumber Growth and Nitrogen Uptake as Affected by Solution Temperature and NO <sub>3</sub> :NH <sub>4</sub> +Ratios during the Seedling. Horticultural Science and Technology, 2013, 31, 393-399.	0.6	3
41	Fabrication of monodisperse colloidal array with confinement effects. Chemical Communications, 2006, , 75-77.	4.1	1
42	Nitrogen slow-release behavior of oxamide granules in two different types of paddy soils. Pedosphere, 2022, 32, 856-865.	4.0	0