

Xiaolin Li

List of Publications by Year in descending order

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38
papers

1,708
citations

361413

20
h-index

315739

38
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38
all docs

38
docs citations

38
times ranked

2403
citing authors

#	ARTICLE	IF	CITATIONS
1	Closing yield gaps in China by empowering smallholder farmers. <i>Nature</i> , 2016, 537, 671-674.	27.8	417
2	Response of the soil microbial community to different fertilizer inputs in a wheat-maize rotation on a calcareous soil. <i>Agriculture, Ecosystems and Environment</i> , 2018, 260, 58-69.	5.3	125
3	Effects of EDTA application and arbuscular mycorrhizal colonization on growth and zinc uptake by maize (<i>Zea mays</i> L.) in soil experimentally contaminated with zinc. <i>Plant and Soil</i> , 2004, 261, 219-229.	3.7	88
4	Arbuscular mycorrhizal fungi in soil and roots respond differently to phosphorus inputs in an intensively managed calcareous agricultural soil. <i>Scientific Reports</i> , 2016, 6, 24902.	3.3	87
5	Abdominal obesity is strongly associated with Cardiovascular Disease and its Risk Factors in Elderly and very Elderly Community-dwelling Chinese. <i>Scientific Reports</i> , 2016, 6, 21521.	3.3	85
6	High microbial diversity stabilizes the responses of soil organic carbon decomposition to warming in the subsoil on the Tibetan Plateau. <i>Global Change Biology</i> , 2021, 27, 2061-2075.	9.5	77
7	Uptake of zinc, cadmium and phosphorus by arbuscular mycorrhizal maize (<i>Zea mays</i> L.) from a low available phosphorus calcareous soil spiked with zinc and cadmium. <i>Environmental Geochemistry and Health</i> , 2006, 28, 111-119.	3.4	74
8	Molecular diversity of arbuscular mycorrhizal fungi associated with two co-occurring perennial plant species on a Tibetan altitudinal gradient. <i>Mycorrhiza</i> , 2014, 24, 95-107.	2.8	73
9	Contribution of arbuscular mycorrhizal fungi of sedges to soil aggregation along an altitudinal alpine grassland gradient on the Tibetan Plateau. <i>Environmental Microbiology</i> , 2015, 17, 2841-2857.	3.8	64
10	Allocation and dynamics of assimilated carbon in rice-soil system depending on water management. <i>Plant and Soil</i> , 2013, 363, 273-285.	3.7	54
11	Biological mobilization of potassium from clay minerals by ectomycorrhizal fungi and eucalypt seedling roots. <i>Plant and Soil</i> , 2004, 262, 351-361.	3.7	49
12	Adsorption Isotherms, Kinetics, and Desorption of 1,2-Dichloroethane on Chromium-Based Metal Organic Framework MIL-101. <i>Separation Science and Technology</i> , 2013, 48, 1479-1489.	2.5	49
13	Control of Fusarium Wilt of Cucumber Seedlings by Inoculation with an Arbuscular Mycorrhizal Fungus. <i>Journal of Plant Nutrition</i> , 2005, 28, 1961-1974.	1.9	44
14	Land use alters arbuscular mycorrhizal fungal communities and their potential role in carbon sequestration on the Tibetan Plateau. <i>Scientific Reports</i> , 2017, 7, 3067.	3.3	39
15	Field management practices drive ecosystem multifunctionality in a smallholder-dominated agricultural system. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107389.	5.3	34
16	Novel dual ligand co-functionalized fluorescent gold nanoclusters as a versatile probe for sensitive analysis of Hg ²⁺ and oxytetracycline. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2955-2962.	3.7	32
17	Cropping System Conversion led to Organic Carbon Change in China's Mollisols Regions. <i>Scientific Reports</i> , 2017, 7, 18064.	3.3	27
18	Integrated management systems and N fertilization: effect on soil organic matter in rice-rapeseed rotation. <i>Plant and Soil</i> , 2013, 372, 53-63.	3.7	25

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19	Pungency of Spring Onion as Affected by Inoculation with Arbuscular Mycorrhizal Fungi and Sulfur Supply. <i>Journal of Plant Nutrition</i> , 2007, 30, 1023-1034.	1.9	22
20	Response of Two Maize Inbred Lines with Contrasting Phosphorus Efficiency and Root Morphology to Mycorrhizal Colonization at Different Soil Phosphorus Supply Levels. <i>Journal of Plant Nutrition</i> , 2008, 31, 1059-1073.	1.9	22
21	Spatiotemporal differences in the arbuscular mycorrhizal fungi communities in soil and roots in response to long-term organic compost inputs in an intensive agricultural cropping system on the North China Plain. <i>Journal of Soils and Sediments</i> , 2019, 19, 2520-2533.	3.0	21
22	Stability and Drug Loading of Spontaneous Vesicles of Comb-Like PEG Derivates. <i>Macromolecular Rapid Communications</i> , 2007, 28, 660-665.	3.9	20
23	Influence of Nitrogen and Sulfur Fertilizers and Inoculation with Arbuscular Mycorrhizal Fungi on Yield and Pungency of Spring Onion. <i>Journal of Plant Nutrition</i> , 2006, 29, 1767-1778.	1.9	19
24	Large elevation and small host plant differences in the arbuscular mycorrhizal communities of montane and alpine grasslands on the Tibetan Plateau. <i>Mycorrhiza</i> , 2018, 28, 605-619.	2.8	19
25	Organic fertilizer application and Mg fertilizer promote banana yield and quality in an Udic Ferralsol. <i>PLoS ONE</i> , 2020, 15, e0230593.	2.5	17
26	Infectivity and community composition of arbuscular mycorrhizal fungi from different soil depths in intensively managed agricultural ecosystems. <i>Journal of Soils and Sediments</i> , 2015, 15, 1200-1211.	3.0	15
27	Effects of Different Nitrogen Rates on Open-Field Vegetable Growth and Nitrogen Utilization in the North China Plain. <i>Communications in Soil Science and Plant Analysis</i> , 2004, 35, 1725-1740.	1.4	14
28	Effects of Arbuscular Mycorrhizal Fungi and Ammonium: Nitrate Ratios on Growth and Pungency of Onion Seedlings. <i>Journal of Plant Nutrition</i> , 2006, 29, 1047-1059.	1.9	14
29	Asymmetric facilitation induced by inoculation with arbuscular mycorrhizal fungi leads to overyielding in maize/faba bean intercropping. <i>Journal of Plant Interactions</i> , 2019, 14, 10-20.	2.1	14
30	Effect of Inoculation with the Arbuscular Mycorrhizal Fungus <i>Glomus Intraradices</i> on the Root-Knot Nematode <i>Meloidogyne Incognita</i> in Cucumber. <i>Journal of Plant Nutrition</i> , 2009, 32, 967-979.	1.9	12
31	Effect of interfacial enhancing on morphology, mechanical, and rheological properties of polypropylene/ground tire rubber powder blends. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45354.	2.6	12
32	Facilitation of seedling growth and nutrient uptake by indigenous arbuscular mycorrhizal fungi in intensive agroecosystems. <i>Biology and Fertility of Soils</i> , 2014, 50, 381-394.	4.3	10
33	Influence of Three Arbuscular Mycorrhizal Fungi and Phosphorus on Growth and Nutrient Status of Taro. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 36, 2383-2396.	1.4	8
34	Establishment of monoxenic culture between the arbuscular mycorrhizal fungus <i>Glomus sinuosum</i> and Ri T-DNA-transformed carrot roots. <i>Plant and Soil</i> , 2004, 261, 239-244.	3.7	7
35	Higher prevalence of elevated LDL-C than non-HDL-C and low statin treatment rate in elderly community-dwelling Chinese with high cardiovascular risk. <i>Scientific Reports</i> , 2016, 6, 34268.	3.3	6
36	Temperature-dependent changes in active nitrifying communities in response to field fertilization legacy. <i>Biology and Fertility of Soils</i> , 2021, 57, 1-14.	4.3	6

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37	Nutrient and dry matter accumulation in different generations of banana at different growth stages. <i>Fruits</i> , 2019, 74, 82-92.	0.4	4
38	Influence of Potassium Supply on Growth and Uptake of Nitrogen, Phosphorus, and Potassium by Three Ectomycorrhizal Fungal Isolates In Vitro. <i>Journal of Plant Nutrition</i> , 2005, 28, 271-284.	1.9	3