

Dunyi Liu

List of Publications by Year in descending order

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12
papers

374
citations

1307594

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1281871

11
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all docs

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docs citations

13
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Agronomic Approach of Zinc Biofortification Can Increase Zinc Bioavailability in Wheat Flour and thereby Reduce Zinc Deficiency in Humans. <i>Nutrients</i> , 2017, 9, 465.	4.1	60
2	Zinc uptake and accumulation in winter wheat relative to changes in root morphology and mycorrhizal colonization following varying phosphorus application on calcareous soil. <i>Field Crops Research</i> , 2016, 197, 74-82.	5.1	58
3	Innovative management programme reduces environmental impacts in Chinese vegetable production. <i>Nature Food</i> , 2021, 2, 47-53.	14.0	53
4	Overuse of Phosphorus Fertilizer Reduces the Grain and Flour Protein Contents and Zinc Bioavailability of Winter Wheat (<i>Triticum aestivum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1473-1482.	5.2	52
5	Zinc, Iron, Manganese and Copper Uptake Requirement in Response to Nitrogen Supply and the Increased Grain Yield of Summer Maize. <i>PLoS ONE</i> , 2014, 9, e93895.	2.5	49
6	Carbon footprint assessment for irrigated and rainfed maize (<i>Zea mays</i> L.) production on the Loess Plateau of China. <i>Biosystems Engineering</i> , 2018, 167, 75-86.	4.3	44
7	Rational Application of Fertilizer Nitrogen to Soil in Combination With Foliar Zn Spraying Improved Zn Nutritional Quality of Wheat Grains. <i>Frontiers in Plant Science</i> , 2018, 9, 677.	3.6	30
8	Nutritional quality and health risk of pepper fruit as affected by magnesium fertilization. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 582-592.	3.5	9
9	Electrochemical Degradation of Nitrobenzene Wastewater: From Laboratory Experiments to Pilot-Scale Industrial Application. <i>Catalysts</i> , 2022, 12, 190.	3.5	8
10	Nitrogen leaching and grey water footprint affected by nitrogen fertilization rate in maize production: a case study of Southwest China. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6064-6073.	3.5	7
11	Significant soil degradation is associated with intensive vegetable cropping in a subtropical area: a case study in southwestern China. <i>Soil</i> , 2021, 7, 333-346.	4.9	4
12	Increased Provision of Bioavailable Mg through Vegetables Could Significantly Reduce the Growing Health and Economic Burden Caused by Mg Malnutrition. <i>Foods</i> , 2021, 10, 2513.	4.3	0