Yanlong Chen

List of Publications by Year
in descending order

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26 papers	829 citations	643344 15 h-index	620720 26 g-index
26 all docs	26 docs citations	26 times ranked	950 citing authors

#	Article	IF	Citations
1	Translocation of Foliar Absorbed Zn in Sunflower (Helianthus annuus) Leaves. Frontiers in Plant Science, 2022, 13, 757048.	1.7	2
2	Electrochemical removal and recovery of uranium: Effects of operation conditions, mechanisms, and implications. Journal of Hazardous Materials, 2022, 432, 128723.	6.5	24
3	Impact of ZnSO4 and ZnEDTA applications on wheat Zn biofortification, soil Zn fractions and bacterial community: Significance for public health and agroecological environment. Applied Soil Ecology, 2022, 176, 104484.	2.1	6
4	Weak electro-stimulation promotes microbial uranium removal: Efficacy and mechanisms. Journal of Hazardous Materials, 2022, 439, 129622.	6.5	18
5	Organic carbon mineralization and sequestration as affected by Zn availability in a calcareous loamy clay soil amended with wheat straw: a short-term case study. Archives of Agronomy and Soil Science, 2021, 67, 93-108.	1.3	4
6	Synergistic improvement of soil organic carbon storage and wheat grain zinc bioavailability by straw return in combination with Zn application on the Loess Plateau of China. Catena, 2021, 197, 104920.	2.2	16
7	Reductive soil disinfestation attenuates antibiotic resistance genes in greenhouse vegetable soils. Journal of Hazardous Materials, 2021, 420, 126632.	6.5	9
8	Efficient and durable uranium extraction from uranium mine tailings seepage water via a photoelectrochemical method. IScience, 2021, 24, 103230.	1.9	16
9	Applications of anodized TiO2 nanotube arrays on the removal of aqueous contaminants of emerging concern: A review. Water Research, 2020, 186, 116327.	5.3	84
10	Impact of dissolved organic matter on Zn extractability and transfer in calcareous soil with maize straw amendment. Journal of Soils and Sediments, 2019, 19, 774-784.	1.5	18
11	Improving Zinc Concentration and Bioavailability of Wheat Grain through Combined Foliar Applications of Zinc and Pesticides. Agronomy Journal, 2019, 111, 1478-1487.	0.9	19
12	Effect of straw amendment modes on soil organic carbon, nitrogen sequestration and crop yield on the Northâ€Central Plain of China. Soil Use and Management, 2019, 35, 511-525.	2.6	22
13	Effect of straw return mode on soil aggregation and aggregate carbon content in an annual maize-wheat double cropping system. Soil and Tillage Research, 2018, 175, 178-186.	2.6	173
14	Enhancing organic and inorganic carbon sequestration in calcareous soil by the combination of wheat straw and wood ash and/or lime. PLoS ONE, 2018, 13, e0205361.	1.1	7
15	Effect of exogenous substances on soil organic and inorganic carbon sequestration under maize stover addition. Soil Science and Plant Nutrition, 2017, 63, 591-598.	0.8	11
16	Effects of Zn, macronutrients, and their interactions through foliar applications on winter wheat grain nutritional quality. PLoS ONE, 2017, 12, e0181276.	1.1	24
17	Response of Exogenous Zinc Availability and Transformation to Maize Straw as Affected by Soil Organic Matter. Soil Science Society of America Journal, 2017, 81, 814-827.	1.2	9
18	Effect of Straw Amendment on Soil Zn Availability and Ageing of Exogenous Water-Soluble Zn Applied to Calcareous Soil. PLoS ONE, 2017, 12, e0169776.	1.1	16

#	Article	IF	Citations
19	Application of <scp>ZnSO₄</scp> or Znâ€<scp>EDTA</scp> fertilizer to a calcareous soil: Zn diffusion in soil and its uptake by wheat plants. Journal of the Science of Food and Agriculture, 2016, 96, 1484-1491.	1.7	24
20	Zinc and iron concentrations in grain milling fractions through combined foliar applications of Zn and macronutrients. Field Crops Research, 2016, 187, 135-141.	2.3	42
21	Foliar Zinc, Nitrogen, and Phosphorus Application Effects on Micronutrient Concentrations in Winter Wheat. Agronomy Journal, 2015, 107, 61-70.	0.9	33
22	Improving Winter Wheat Grain Yield and Water Use Efficiency through Fertilization and Mulch in the Loess Plateau. Agronomy Journal, 2015, 107, 2059-2068.	0.9	11
23	Effects of plastic film combined with straw mulch on grain yield and water use efficiency of winter wheat in Loess Plateau. Field Crops Research, 2015, 172, 53-58.	2.3	142
24	Zn distribution and bioavailability in whole grain and grain fractions of winter wheat as affected by applications of soil N and foliar Zn combined with N or P. Journal of Cereal Science, 2015, 61, 26-32.	1.8	64
25	Water and Nitrogen Management on Micronutrient Concentrations in Winter Wheat. Agronomy Journal, 2014, 106, 1003-1010.	0.9	4
26	Effect of Nitrogen Fertilizer and Foliar Zinc Application at Different Growth Stages on Zinc Translocation and Utilization Efficiency in Winter Wheat. Cereal Research Communications, 2014, 42, 81-90.	0.8	31