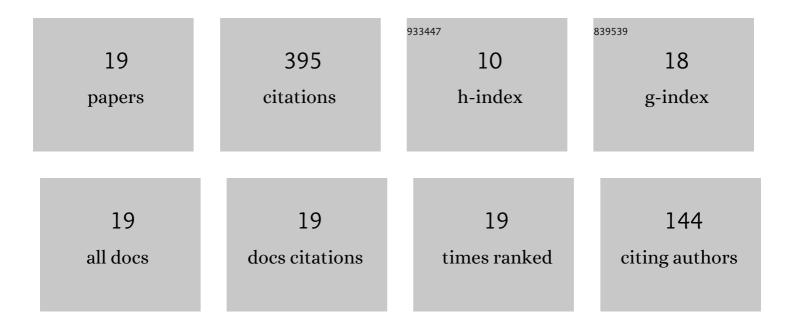
Xun Bo Zhou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3923879/publications.pdf Version: 2024-02-01



Χυν Βο Ζηου

#	Article	IF	CITATIONS
1	Ameliorative effect of melatonin improves drought tolerance by regulating growth, photosynthetic traits and leaf ultrastructure of maize seedlings. BMC Plant Biology, 2021, 21, 368.	3.6	75
2	Interactive Effects of Melatonin and Nitrogen Improve Drought Tolerance of Maize Seedlings by Regulating Growth and Physiochemical Attributes. Antioxidants, 2022, 11, 359.	5.1	42
3	Melatonin Application Alleviates Stress-Induced Photosynthetic Inhibition and Oxidative Damage by Regulating Antioxidant Defense System of Maize: A Meta-Analysis. Antioxidants, 2022, 11, 512.	5.1	41
4	Amelioration of AsV toxicity by concurrent application of ZnO-NPs and Se-NPs is associated with differential regulation of photosynthetic indexes, antioxidant pool and osmolytes content in soybean seedling. Ecotoxicology and Environmental Safety, 2021, 225, 112738.	6.0	37
5	Irrigation and Nitrogen Fertilization Alter Soil Bacterial Communities, Soil Enzyme Activities, and Nutrient Availability in Maize Crop. Frontiers in Microbiology, 2022, 13, 833758.	3.5	31
6	Effects of Supplement Irrigation and Nitrogen Application Levels on Soil Carbon–Nitrogen Content and Yield of One-Year Double Cropping Maize in Subtropical Region. Water (Switzerland), 2021, 13, 1180.	2.7	24
7	Nitrogen Fertilizer Modulates Plant Growth, Chlorophyll Pigments and Enzymatic Activities under Different Irrigation Regimes. Agronomy, 2022, 12, 845.	3.0	21
8	Melatonin and KNO3 Application Improves Growth, Physiological and Biochemical Characteristics of Maize Seedlings under Waterlogging Stress Conditions. Biology, 2022, 11, 99.	2.8	19
9	Low irrigation water minimizes the nitrate nitrogen losses without compromising the soil fertility, enzymatic activities and maize growth. BMC Plant Biology, 2022, 22, 159.	3.6	14
10	Planting Pattern and Irrigation Effects on Waterâ€Use Efficiency of Winter Wheat. Crop Science, 2014, 54, 1166-1174.	1.8	12
11	Effect of deficit irrigation scheduling and planting pattern on leaf water status and radiation use efficiency of winter wheat. Journal of Agronomy and Crop Science, 2021, 207, 437-449.	3.5	12
12	Double-Double Row Planting Mode at Deficit Irrigation Regime Increases Winter Wheat Yield and Water Use Efficiency in North China Plain. Agronomy, 2020, 10, 1315.	3.0	11
13	Effects of soaking seeds in exogenous vitamins on active oxygen metabolism and seedling growth under low-temperature stress. Saudi Journal of Biological Sciences, 2021, 28, 3254-3261.	3.8	11
14	Impact of the mixture verses solo residue management and climatic conditions on soil microbial biomass carbon to nitrogen ratio: a systematic review. Environmental Science and Pollution Research, 2021, 28, 64241-64252.	5.3	11
15	Effect of water conditions and nitrogen application on maize growth, carbon accumulation and metabolism of maize plant in subtropical regions. Archives of Agronomy and Soil Science, 2023, 69, 693-707.	2.6	11
16	Regulation of Soil Microbial Community Structure and Biomass to Mitigate Soil Greenhouse Gas Emission. Frontiers in Microbiology, 2022, 13, 868862.	3.5	10
17	Gradual Application of Potassium Fertilizer Elevated the Sugar Conversion Mechanism and Yield of Waxy and Sweet Fresh-Eaten Maize in the Semiarid Cold Region. Journal of Food Quality, 2021, 2021, 1-11.	2.6	6
18	Effect of Straw Return and Nitrogen Application Rate on the Photosynthetic Characteristics and Yield of Double-Season Maize. Journal of Soil Science and Plant Nutrition, 2022, 22, 660-673.	3.4	5

#	Article	IF	CITATIONS
19	Effects of nitrogen and water stress on the rehydration, endogenous hormonal regulation and yield of maize. Journal of Agronomy and Crop Science, 2023, 209, 161-175.	3.5	2