

Xun Bo Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3923879/publications.pdf>

Version: 2024-02-01

19
papers

395
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

144
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effect of water conditions and nitrogen application on maize growth, carbon accumulation and metabolism of maize plant in subtropical regions. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 693-707. | 2.6 | 11 |
| 2 | Effects of nitrogen and water stress on the rehydration, endogenous hormonal regulation and yield of maize. <i>Journal of Agronomy and Crop Science</i> , 2023, 209, 161-175. | 3.5 | 2 |
| 3 | Effect of Straw Return and Nitrogen Application Rate on the Photosynthetic Characteristics and Yield of Double-Season Maize. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 660-673. | 3.4 | 5 |
| 4 | Melatonin and KNO ₃ Application Improves Growth, Physiological and Biochemical Characteristics of Maize Seedlings under Waterlogging Stress Conditions. <i>Biology</i> , 2022, 11, 99. | 2.8 | 19 |
| 5 | Irrigation and Nitrogen Fertilization Alter Soil Bacterial Communities, Soil Enzyme Activities, and Nutrient Availability in Maize Crop. <i>Frontiers in Microbiology</i> , 2022, 13, 833758. | 3.5 | 31 |
| 6 | Interactive Effects of Melatonin and Nitrogen Improve Drought Tolerance of Maize Seedlings by Regulating Growth and Physiochemical Attributes. <i>Antioxidants</i> , 2022, 11, 359. | 5.1 | 42 |
| 7 | Melatonin Application Alleviates Stress-Induced Photosynthetic Inhibition and Oxidative Damage by Regulating Antioxidant Defense System of Maize: A Meta-Analysis. <i>Antioxidants</i> , 2022, 11, 512. | 5.1 | 41 |
| 8 | Nitrogen Fertilizer Modulates Plant Growth, Chlorophyll Pigments and Enzymatic Activities under Different Irrigation Regimes. <i>Agronomy</i> , 2022, 12, 845. | 3.0 | 21 |
| 9 | Low irrigation water minimizes the nitrate nitrogen losses without compromising the soil fertility, enzymatic activities and maize growth. <i>BMC Plant Biology</i> , 2022, 22, 159. | 3.6 | 14 |
| 10 | Regulation of Soil Microbial Community Structure and Biomass to Mitigate Soil Greenhouse Gas Emission. <i>Frontiers in Microbiology</i> , 2022, 13, 868862. | 3.5 | 10 |
| 11 | Effect of deficit irrigation scheduling and planting pattern on leaf water status and radiation use efficiency of winter wheat. <i>Journal of Agronomy and Crop Science</i> , 2021, 207, 437-449. | 3.5 | 12 |
| 12 | Gradual Application of Potassium Fertilizer Elevated the Sugar Conversion Mechanism and Yield of Waxy and Sweet Fresh-Eaten Maize in the Semiarid Cold Region. <i>Journal of Food Quality</i> , 2021, 2021, 1-11. | 2.6 | 6 |
| 13 | Effects of Supplement Irrigation and Nitrogen Application Levels on Soil Carbon and Nitrogen Content and Yield of One-Year Double Cropping Maize in Subtropical Region. <i>Water (Switzerland)</i> , 2021, 13, 1180. | 2.7 | 24 |
| 14 | Effects of soaking seeds in exogenous vitamins on active oxygen metabolism and seedling growth under low-temperature stress. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3254-3261. | 3.8 | 11 |
| 15 | Impact of the mixture versus solo residue management and climatic conditions on soil microbial biomass carbon to nitrogen ratio: a systematic review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 64241-64252. | 5.3 | 11 |
| 16 | Ameliorative effect of melatonin improves drought tolerance by regulating growth, photosynthetic traits and leaf ultrastructure of maize seedlings. <i>BMC Plant Biology</i> , 2021, 21, 368. | 3.6 | 75 |
| 17 | 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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112738. | 6.0 | 37 |
| 18 | Double-Double Row Planting Mode at Deficit Irrigation Regime Increases Winter Wheat Yield and Water Use Efficiency in North China Plain. <i>Agronomy</i> , 2020, 10, 1315. | 3.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Planting Pattern and Irrigation Effects on Water Use Efficiency of Winter Wheat. Crop Science, 2014, 54, 1166-1174. | 1.8 | 12 |