

Wei Xue

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

216
citations

933264

10
h-index

996849

15
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18
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18
docs citations

18
times ranked

265
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Radiation estimation and crop growth trajectory reconstruction by novel algorithms improve MOD16 evapotranspiration predictability for global multi-site paddy rice ecosystems. <i>Journal of Hydrology</i> , 2022, 612, 128204. | 2.3 | 2 |
| 2 | Inter-annual variations of seed cotton yield in relation to soil organic carbon and harvest index in reclaimed desertified land. <i>Field Crops Research</i> , 2021, 272, 108267. | 2.3 | 6 |
| 3 | Contribution of Biophysical Factors to Regional Variations of Evapotranspiration and Seasonal Cooling Effects in Paddy Rice in South Korea. <i>Remote Sensing</i> , 2021, 13, 3992. | 1.8 | 5 |
| 4 | Enhanced efficiency nitrogen fertilizers were not effective in reducing N ₂ O emissions from a drip-irrigated cotton field in arid region of Northwestern China. <i>Science of the Total Environment</i> , 2020, 748, 141543. | 3.9 | 23 |
| 5 | High biomass production with abundant leaf litterfall is critical to ameliorating soil quality and productivity in reclaimed sandy desertification land. <i>Journal of Environmental Management</i> , 2020, 263, 110373. | 3.8 | 15 |
| 6 | Application of an unmanned aerial system for monitoring paddy productivity using the GRAMI-rice model. <i>International Journal of Remote Sensing</i> , 2018, 39, 2441-2462. | 1.3 | 19 |
| 7 | Quantification of CO ₂ fluxes in paddy rice based on the characterization and simulation of CO ₂ assimilation approaches. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 348-366. | 1.9 | 14 |
| 8 | Quantifying differences in water and carbon cycling between paddy and rainfed rice (<i>Oryza sativa</i> L.) by flux partitioning. <i>PLoS ONE</i> , 2018, 13, e0195238. | 1.1 | 11 |
| 9 | A spatially hierarchical integration of close-range remote sensing, leaf structure and physiology assists in diagnosing spatiotemporal dimensions of field-scale ecosystem photosynthetic productivity. <i>Agricultural and Forest Meteorology</i> , 2017, 247, 503-519. | 1.9 | 11 |
| 10 | Moderate shade environment facilitates establishment of desert phreatophytic species <i>Alhagi sparsifolia</i> seedlings by enlarge fine root biomass. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1. | 1.0 | 5 |
| 11 | Supplement understanding of the relative importance of biophysical factors in determination of photosynthetic capacity and photosynthetic productivity in rice ecosystems. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 550-565. | 1.9 | 12 |
| 12 | Linking canopy reflectance to crop structure and photosynthesis to capture and interpret spatiotemporal dimensions of per-field photosynthetic productivity. <i>Biogeosciences</i> , 2017, 14, 1315-1332. | 1.3 | 8 |
| 13 | Nutritional and developmental influences on components of rice crop light use efficiency. <i>Agricultural and Forest Meteorology</i> , 2016, 223, 1-16. | 1.9 | 25 |
| 14 | Conditional variations in temperature response of photosynthesis, mesophyll and stomatal control of water use in rice and winter wheat. <i>Field Crops Research</i> , 2016, 199, 77-88. | 2.3 | 10 |
| 15 | Canopy scale CO ₂ exchange and productivity of transplanted paddy and direct seeded rainfed rice production systems in S. Korea. <i>Agricultural and Forest Meteorology</i> , 2016, 228-229, 229-238. | 1.9 | 23 |
| 16 | Soil water availability and capacity of nitrogen accumulation influence variations of intrinsic water use efficiency in rice. <i>Journal of Plant Physiology</i> , 2016, 193, 26-36. | 1.6 | 7 |
| 17 | Carbon dioxide exchange and its regulation in the main agro-ecosystems of Haeen catchment in South Korea. <i>Agriculture, Ecosystems and Environment</i> , 2015, 199, 132-145. | 2.5 | 20 |