Wei Xue

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8740233/publications.pdf

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17	216	933264 10	996849 15
papers	citations	h-index	g-index

18	18	18	265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nutritional and developmental influences on components of rice crop light use efficiency. Agricultural and Forest Meteorology, 2016, 223, 1-16.	1.9	25
2	Canopy scale CO2 exchange and productivity of transplanted paddy and direct seeded rainfed rice production systems in S. Korea. Agricultural and Forest Meteorology, 2016, 228-229, 229-238.	1.9	23
3	Enhanced efficiency nitrogen fertilizers were not effective in reducing N2O emissions from a drip-irrigated cotton field in arid region of Northwestern China. Science of the Total Environment, 2020, 748, 141543.	3.9	23
4	Carbon dioxide exchange and its regulation in the main agro-ecosystems of Haean catchment in South Korea. Agriculture, Ecosystems and Environment, 2015, 199, 132-145.	2.5	20
5	Application of an unmanned aerial system for monitoring paddy productivity using the GRAMI-rice model. International Journal of Remote Sensing, 2018, 39, 2441-2462.	1.3	19
6	High biomass production with abundant leaf litterfall is critical to ameliorating soil quality and productivity in reclaimed sandy desertification land. Journal of Environmental Management, 2020, 263, 110373.	3.8	15
7	Quantification of CO2 fluxes in paddy rice based on the characterization and simulation of CO2 assimilation approaches. Agricultural and Forest Meteorology, 2018, 249, 348-366.	1.9	14
8	Supplement understanding of the relative importance of biophysical factors in determination of photosynthetic capacity and photosynthetic productivity in rice ecosystems. Agricultural and Forest Meteorology, 2017, 232, 550-565.	1.9	12
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. Agricultural and Forest Meteorology, 2017, 247, 503-519.	1.9	11
10	Quantifying differences in water and carbon cycling between paddy and rainfed rice (Oryza sativa L.) by flux partitioning. PLoS ONE, 2018, 13, e0195238.	1.1	11
11	Conditional variations in temperature response of photosynthesis, mesophyll and stomatal control of water use in rice and winter wheat. Field Crops Research, 2016, 199, 77-88.	2.3	10
12	Linking canopy reflectance to crop structure and photosynthesis to capture and interpret spatiotemporal dimensions of per-field photosynthetic productivity. Biogeosciences, 2017, 14, 1315-1332.	1.3	8
13	Soil water availability and capacity of nitrogen accumulation influence variations of intrinsic water use efficiency in rice. Journal of Plant Physiology, 2016, 193, 26-36.	1.6	7
14	Inter-annual variations of seed cotton yield in relation to soil organic carbon and harvest index in reclaimed desertified land. Field Crops Research, 2021, 272, 108267.	2.3	6
15	Moderate shade environment facilitates establishment of desert phreatophytic species Alhagi sparsifolia seedlings by enlarge fine root biomass. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	5
16	Contribution of Biophysical Factors to Regional Variations of Evapotranspiration and Seasonal Cooling Effects in Paddy Rice in South Korea. Remote Sensing, 2021, 13, 3992.	1.8	5
17	Radiation estimation and crop growth trajectory reconstruction by novel algorithms improve MOD16 evapotranspiration predictability for global multi-site paddy rice ecosystems. Journal of Hydrology, 2022, 612, 128204.	2.3	2