

Zhen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

234
citations

1307594

7
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrous oxide flux observed with tall-tower eddy covariance over a heterogeneous rice cultivation landscape. <i>Science of the Total Environment</i> , 2022, 810, 152210.	8.0	3
2	Estimation of apple firmness using hyperspectral spectral indices. <i>Spectroscopy Letters</i> , 2022, 55, 146-156.	1.0	1
3	The potential of vegetation indices: estimating methane emissions in paddy fields under nighttime warming and water saving conditions. , 2020, 10, 545-556.		0
4	Estimation of methane emissions based on crop yield and remote sensing data in a paddy field. , 2020, 10, 196-207.		6
5	Hyperspectral vegetation indexes to monitor wheat plant height under different sowing conditions. <i>Spectroscopy Letters</i> , 2020, 53, 194-206.	1.0	8
6	Radiation Controls the Interannual Variability of Evaporation of a Subtropical Lake. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031264.	3.3	12
7	Hyperspectral remote sensing to quantify the flowering phenology of winter wheat. <i>Spectroscopy Letters</i> , 2019, 52, 389-397.	1.0	3
8	Methane flux dynamics in a submerged aquatic vegetation zone in a subtropical lake. <i>Science of the Total Environment</i> , 2019, 672, 400-409.	8.0	26
9	Estimation of relative water content in rice panicle based on hyperspectral vegetation indexes under water saving irrigation. <i>Spectroscopy Letters</i> , 2019, 52, 150-158.	1.0	8
10	Spatiotemporal variability of the near-surface CO ₂ concentration across an industrial-urban-rural transect, Nanjing, China. <i>Science of the Total Environment</i> , 2018, 631-632, 1192-1200.	8.0	27
11	Hydrologic implications of the isotopic kinetic fractionation of open-water evaporation. <i>Science China Earth Sciences</i> , 2018, 61, 1523-1532.	5.2	3
12	Diurnal and Seasonal Variations of Thermal Stratification and Vertical Mixing in a Shallow Fresh Water Lake. <i>Journal of Meteorological Research</i> , 2018, 32, 219-232.	2.4	33
13	Spatial variations of methane emission in a large shallow eutrophic lake in subtropical climate. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1597-1614.	3.0	102