

# Zhipin Ai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6219637/publications.pdf>

Version: 2024-02-01

11  
papers

274  
citations

1307594

7  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying changes in irrigation return flow with gradually intensified water-saving technology using HYDRUS for regional water resources management. <i>Agricultural Water Management</i> , 2017, 194, 33-47.	5.6	57
2	Stable isotope evidences for identifying crop water uptake in a typical winter wheat–summer maize rotation field in the North China Plain. <i>Science of the Total Environment</i> , 2018, 618, 121-131.	8.0	56
3	Modification and Validation of Priestley–Taylor Model for Estimating Cotton Evapotranspiration under Plastic Mulch Condition. <i>Journal of Hydrometeorology</i> , 2016, 17, 1281-1293.	1.9	36
4	Global bioenergy with carbon capture and storage potential is largely constrained by sustainable irrigation. <i>Nature Sustainability</i> , 2021, 4, 884-891.	23.7	35
5	Variation of gross primary production, evapotranspiration and water use efficiency for global croplands. <i>Agricultural and Forest Meteorology</i> , 2020, 287, 107935.	4.8	30
6	Soil Respiration at Different Stand Ages (5, 10, and 20/30 Years) in Coniferous ( <i>Pinus tabulaeformis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 2016, 7, 153.	2.1	18
7	Estimation of land-surface evaporation at four forest sites across Japan with the new nonlinear complementary method. <i>Scientific Reports</i> , 2017, 7, 17793.	3.3	17
8	Simulating second-generation herbaceous bioenergy crop yield using the global hydrological model H08 (v.bio1). <i>Geoscientific Model Development</i> , 2020, 13, 6077-6092.	3.6	8
9	Characteristics and influencing factors of crop coefficient for drip-irrigated cotton under plastic-mulched condition in arid environment. <i>J Agricultural Meteorology</i> , 2018, 74, 1-8.	1.5	7
10	Changes of surface energy partitioning caused by plastic mulch in a cotton field. <i>International Agrophysics</i> , 2018, 32, 349-356.	1.7	7
11	Mapping Current and Future Seawater Desalination Plants Globally Using Species Distribution Models. <i>Water Resources Research</i> , 2022, 58, .	4.2	1