

Jared D Willard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9304588/publications.pdf>

Version: 2024-02-01

9
papers

550
citations

1478280

6
h-index

1872570

6
g-index

10
all docs

10
docs citations

10
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Process-Guided Deep Learning Predictions of Lake Water Temperature. <i>Water Resources Research</i> , 2019, 55, 9173-9190.	1.7	200
2	Physics Guided RNNs for Modeling Dynamical Systems: A Case Study in Simulating Lake Temperature Profiles. , 2019, , 558-566.		113
3	Integrating Scientific Knowledge with Machine Learning for Engineering and Environmental Systems. <i>ACM Computing Surveys</i> , 2023, 55, 1-37.	16.1	106
4	Predicting Water Temperature Dynamics of Unmonitored Lakes With Meta-Transfer Learning. <i>Water Resources Research</i> , 2021, 57, e2021WR029579.	1.7	42
5	Physics-Guided Recurrent Graph Model for Predicting Flow and Temperature in River Networks. , 2021, , 612-620.		36
6	Can machine learning accelerate process understanding and decision-relevant predictions of river water quality?. <i>Hydrological Processes</i> , 2022, 36, .	1.1	26
7	Stream Temperature Predictions for River Basin Management in the Pacific Northwest and Mid-Atlantic Regions Using Machine Learning. <i>Water (Switzerland)</i> , 2022, 14, 1032.	1.2	13
8	Daily surface temperatures for 185,549 lakes in the conterminous United States estimated using deep learning (1980-2020). <i>Limnology and Oceanography Letters</i> , 2022, 7, 287-301.	1.6	11
9	Process Guided Deep Learning for Modeling Physical Systems: An Application in Lake Temperature Modeling. , 2020, , .		0