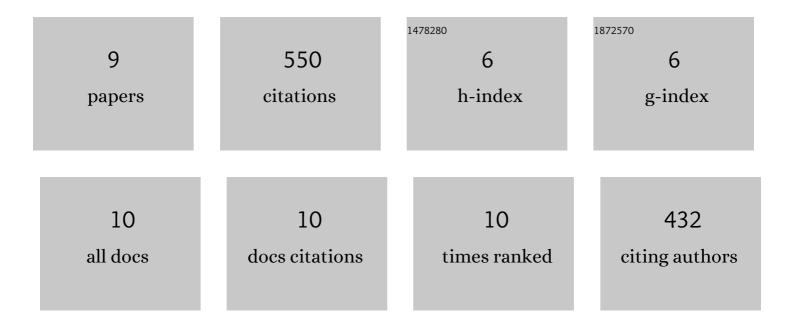
Jared D Willard

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9304588/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Processâ€Guided Deep Learning Predictions of Lake Water Temperature. Water Resources Research, 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. ACM Computing Surveys, 2023, 55, 1-37.	16.1	106
4	Predicting Water Temperature Dynamics of Unmonitored Lakes With Metaâ€Transfer Learning. Water Resources Research, 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 decisionâ€relevant predictions of river water quality?. Hydrological Processes, 2022, 36, .	1.1	26
7	Stream Temperature Predictions for River Basin Management in the Pacific Northwest and Mid-Atlantic Regions Using Machine Learning. Water (Switzerland), 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). Limnology and Oceanography Letters, 2022, 7, 287-301.	1.6	11
9	Process Guided Deep Learning for Modeling Physical Systems: An Application in Lake Temperature Modeling. , 2020, , .		0