

Redouane Lguensat

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

409
citations

1040056

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30
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30
docs citations

30
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Algorithm for Ocean-Front Evolution Trend Recognition. Remote Sensing, 2022, 14, 259.	4.0	6
2	Physical invariance in neural networks for subgrid-scale scalar flux modeling. Physical Review Fluids, 2021, 6, .	2.5	25
3	Bridging observations, theory and numerical simulation of the ocean using machine learning. Environmental Research Letters, 2021, 16, 073008.	5.2	40
4	Revealing the Impact of Global Heating on North Atlantic Circulation Using Transparent Machine Learning. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002496.	3.8	16
5	A Deep Framework for Eddy Detection and Tracking From Satellite Sea Surface Height Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7224-7234.	6.3	27
6	Filtering Internal Tides from Wide-Swath Altimeter Data Using Convolutional Neural Networks. , 2020,, .		1
7	The 2020 Climate Informatics Hackathon: Generating Nighttime Satellite Imagery from Infrared Observations. , 2020,, .		2
8	Classification Algorithms for Semi-Blind Uplink/Downlink Decoupling in Sub-6 GHz/mmWave 5G Networks. , 2019,, .		7
9	Data-Driven Interpolation of Sea Level Anomalies Using Analog Data Assimilation. Remote Sensing, 2019, 11, 858.	4.0	18
10	EddyNet: A Deep Neural Network For Pixel-Wise Classification of Oceanic Eddies. , 2018,, .		79
11	Spatio-Temporal Interpolation of Cloudy SST Fields Using Conditional Analog Data Assimilation. Remote Sensing, 2018, 10, 310.	4.0	12
12	The Analog Data Assimilation. Monthly Weather Review, 2017, 145, 4093-4107.	1.4	90
13	Data-driven assimilation of irregularly-sampled image time series. , 2017,, .		5
14	Data-Driven Models for the Spatio-Temporal Interpolation of Satellite-Derived SST Fields. IEEE Transactions on Computational Imaging, 2017, 3, 647-657.	4.4	28
15	Spatio-temporal interpolation of altimeter-derived SSH fields using analog data assimilation: A case-study in the south china sea. , 2017,, .		1
16	An exemplar-based hidden Markov model framework for nonlinear state-space models. , 2016,, .		0
17	Ocean Front Detection From Instant Remote Sensing SST Images. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1960-1964.	3.1	16
18	Using archived datasets for missing data interpolation in ocean remote sensing observation series. , 2016,, .		3

#	ARTICLE	IF	CITATIONS
19	Non-parametric Ensemble Kalman methods for the inpainting of noisy dynamic textures. , 2015, , .		1
20	Reinforcement Learning Based Algorithm for the Maximization of EV Charging Station Revenue. , 2014, , .		16
21	Spatio-temporal interpolation of sea surface temperature using high resolution remote sensing data. , 2014, , .		7