

# Redouane Lguensat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7289210/publications.pdf>

Version: 2024-02-01

21  
papers

409  
citations

1039880

9  
h-index

1372474

10  
g-index

30  
all docs

30  
docs citations

30  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Analog Data Assimilation. Monthly Weather Review, 2017, 145, 4093-4107.	0.5	90
2	EddyNet: A Deep Neural Network For Pixel-Wise Classification of Oceanic Eddies. , 2018, , .		79
3	Bridging observations, theory and numerical simulation of the ocean using machine learning. Environmental Research Letters, 2021, 16, 073008.	2.2	40
4	Data-Driven Models for the Spatio-Temporal Interpolation of Satellite-Derived SST Fields. IEEE Transactions on Computational Imaging, 2017, 3, 647-657.	2.6	28
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.	2.7	27
6	Physical invariance in neural networks for subgrid-scale scalar flux modeling. Physical Review Fluids, 2021, 6, .	1.0	25
7	Data-Driven Interpolation of Sea Level Anomalies Using Analog Data Assimilation. Remote Sensing, 2019, 11, 858.	1.8	18
8	Reinforcement Learning Based Algorithm for the Maximization of EV Charging Station Revenue. , 2014, , .		16
9	Ocean Front Detection From Instant Remote Sensing SST Images. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1960-1964.	1.4	16
10	Revealing the Impact of Global Heating on North Atlantic Circulation Using Transparent Machine Learning. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002496.	1.3	16
11	Spatio-Temporal Interpolation of Cloudy SST Fields Using Conditional Analog Data Assimilation. Remote Sensing, 2018, 10, 310.	1.8	12
12	Spatio-temporal interpolation of sea surface temperature using high resolution remote sensing data. , 2014, , .		7
13	Classification Algorithms for Semi-Blind Uplink/Downlink Decoupling in Sub-6 GHz/mmWave 5G Networks. , 2019, , .		7
14	An Efficient Algorithm for Ocean-Front Evolution Trend Recognition. Remote Sensing, 2022, 14, 259.	1.8	6
15	Data-driven assimilation of irregularly-sampled image time series. , 2017, , .		5
16	Using archived datasets for missing data interpolation in ocean remote sensing observation series. , 2016, , .		3
17	The 2020 Climate Informatics Hackathon: Generating Nighttime Satellite Imagery from Infrared Observations. , 2020, , .		2
18	Non-parametric Ensemble Kalman methods for the inpainting of noisy dynamic textures. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Spatio-temporal interpolation of altimeter-derived SSH fields using analog data assimilation: A case-study in the south china sea. , 2017, , .		1
20	Filtering Internal Tides from Wide-Swath Altimeter Data Using Convolutional Neural Networks. , 2020, , .		1
21	An exemplar-based hidden Markov model framework for nonlinear state-space models. , 2016, , .		0