Ioanna Karagali

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6556665/publications.pdf

Version: 2024-02-01

26 papers	1,026 citations	567144 15 h-index	610775 24 g-index
30 all docs	30 docs citations	30 times ranked	1343 citing authors

#	Article	IF	Citations
1	Comparing Offshore Ferry Lidar Measurements in the Southern Baltic Sea with ASCAT, FINO2 and WRF. Remote Sensing, 2022, 14, 1427.	1.8	2
2	Evaluation of Aeolus L2B wind product with wind profiling radar measurements and numerical weather prediction model equivalents over Australia. Atmospheric Measurement Techniques, 2022, 15, 4107-4124.	1.2	10
3	Spaceborne Earth Observation for Offshore Wind Energy Applications. , 2021, , .		2
4	Europe's offshore winds assessed with synthetic aperture radar, ASCAT and WRF. Wind Energy Science, 2020, 5, 375-390.	1.2	22
5	Inter-calibration of SAR data series for offshore wind resource assessment. Remote Sensing of Environment, 2019, 232, 111316.	4.6	13
6	Half a century of satellite remote sensing of sea-surface temperature. Remote Sensing of Environment, 2019, 233, 111366.	4.6	150
7	Observational Needs of Sea Surface Temperature. Frontiers in Marine Science, 2019, 6, .	1.2	89
8	Simulation of transcontinental wind and solar PV generation time series. Renewable Energy, 2018, 118, 425-436.	4.3	40
9	New European Wind Atlas: The Ã˜sterild balconies experiment. Journal of Physics: Conference Series, 2018, 1037, 052029.	0.3	7
10	Offshore new European wind atlas. Journal of Physics: Conference Series, 2018, 1037, 052007.	0.3	15
11	Using a 1â€Ð model to reproduce the diurnal variability of <scp>SST</scp>. Journal of Geophysical Research: Oceans, 2017, 122, 2945-2959.	1.0	11
12	Wind Farm Wake: The 2016 Horns Rev Photo Case. Energies, 2017, 10, 317.	1.6	32
13	Validation of Sentinel-1A SAR Coastal Wind Speeds Against Scanning LiDAR. Remote Sensing, 2017, 9, 552.	1.8	31
14	Sea Surface Temperature Climate Data Record for the North Sea and Baltic Sea. Journal of Climate, 2016, 29, 2529-2541.	1.2	56
15	Satellite winds as a tool for offshore wind resource assessment: The Great Lakes Wind Atlas. Remote Sensing of Environment, 2015, 168, 349-359.	4.6	49
16	Offshore wind climatology based on synergetic use of Envisat ASAR, ASCAT and QuikSCAT. Remote Sensing of Environment, 2015, 156, 247-263.	4.6	124
17	Wind characteristics in the North and Baltic Seas from the QuikSCAT satellite. Wind Energy, 2014, 17, 123-140.	1.9	48
18	Characterisation and quantification of regional diurnal SST cycles from SEVIRI. Ocean Science, 2014, 10, 745-758.	1.3	28

#	Article	IF	Citations
19	Observations and modeling of the diurnal SST cycle in the North and Baltic Seas. Journal of Geophysical Research: Oceans, 2013, 118, 4488-4503.	1.0	10
20	Spatial and temporal variability of winds in the Northern European Seas. Renewable Energy, 2013, 57, 200-210.	4.3	92
21	Spectral Properties of ENVISAT ASAR and QuikSCAT Surface Winds in the North Sea. Remote Sensing, 2013, 5, 6096-6115.	1.8	8
22	Satellite Remote Sensing in Offshore Wind Energy. Energy Systems, 2013, , 711-745.	0.5	5
23	Multi sensor validation and error characteristics of Arctic satellite sea surface temperature observations. Remote Sensing of Environment, 2012, 121, 335-346.	4.6	42
24	SST diurnal variability in the North Sea and the Baltic Sea. Remote Sensing of Environment, 2012, 121, 159-170.	4.6	50
25	Flow and sediment transport induced by a plunging solitary wave. Journal of Geophysical Research, 2011, 116, .	3.3	86
26	Wind Energy Resources of the South Baltic Sea. , 2011, , .		2