Ioanna Karagali

List of Publications by Year
in descending order

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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	Half a century of satellite remote sensing of sea-surface temperature. Remote Sensing of Environment, 2019, 233, 111366.	4.6	150
2	Offshore wind climatology based on synergetic use of Envisat ASAR, ASCAT and QuikSCAT. Remote Sensing of Environment, 2015, 156, 247-263.	4.6	124
3	Spatial and temporal variability of winds in the Northern European Seas. Renewable Energy, 2013, 57, 200-210.	4.3	92
4	Observational Needs of Sea Surface Temperature. Frontiers in Marine Science, 2019, 6, .	1.2	89
5	Flow and sediment transport induced by a plunging solitary wave. Journal of Geophysical Research, 2011, 116, .	3.3	86
6	Sea Surface Temperature Climate Data Record for the North Sea and Baltic Sea. Journal of Climate, 2016, 29, 2529-2541.	1.2	56
7	SST diurnal variability in the North Sea and the Baltic Sea. Remote Sensing of Environment, 2012, 121, 159-170.	4.6	50
8	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
9	Wind characteristics in the North and Baltic Seas from the QuikSCAT satellite. Wind Energy, 2014, 17, 123-140.	1.9	48
10	Multi sensor validation and error characteristics of Arctic satellite sea surface temperature observations. Remote Sensing of Environment, 2012, 121, 335-346.	4.6	42
11	Simulation of transcontinental wind and solar PV generation time series. Renewable Energy, 2018, 118, 425-436.	4.3	40
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	Characterisation and quantification of regional diurnal SST cycles from SEVIRI. Ocean Science, 2014, 10, 745-758.	1.3	28
15	Europe's offshore winds assessed with synthetic aperture radar, ASCAT and WRF. Wind Energy Science, 2020, 5, 375-390.	1.2	22
16	Offshore new European wind atlas. Journal of Physics: Conference Series, 2018, 1037, 052007.	0.3	15
17	Inter-calibration of SAR data series for offshore wind resource assessment. Remote Sensing of Environment, 2019, 232, 111316.	4.6	13
18	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

#	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	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
21	Spectral Properties of ENVISAT ASAR and QuikSCAT Surface Winds in the North Sea. Remote Sensing, 2013, 5, 6096-6115.	1.8	8
22	New European Wind Atlas: The Ã˜sterild balconies experiment. Journal of Physics: Conference Series, 2018, 1037, 052029.	0.3	7
23	Satellite Remote Sensing in Offshore Wind Energy. Energy Systems, 2013, , 711-745.	0.5	5
24	Wind Energy Resources of the South Baltic Sea. , 2011, , .		2
25	Spaceborne Earth Observation for Offshore Wind Energy Applications. , 2021, , .		2
26	Comparing Offshore Ferry Lidar Measurements in the Southern Baltic Sea with ASCAT, FINO2 and WRF. Remote Sensing, 2022, 14, 1427.	1.8	2