

Bughsin Djath

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

447
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	First in situ evidence of wakes in the far field behind offshore wind farms. <i>Scientific Reports</i> , 2018, 8, 2163.	3.3	124
2	Offshore wind farm wake recovery: Airborne measurements and its representation in engineering models. <i>Wind Energy</i> , 2020, 23, 1249-1265.	4.2	51
3	Turbulent kinetic energy over large offshore wind farms observed and simulated by the mesoscale model WRF (3.8.1). <i>Geoscientific Model Development</i> , 2020, 13, 249-268.	3.6	42
4	Impact of atmospheric stability on X-band and C-band synthetic aperture radar imagery of offshore windpark wakes. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, .	2.0	31
5	Long-range modifications of the wind field by offshore wind parks“ results of the project WIPAFF. <i>Meteorologische Zeitschrift</i> , 2020, 29, 355-376.	1.0	30
6	Solomon Sea circulation and water mass modifications: response at ENSO timescales. <i>Ocean Dynamics</i> , 2013, 63, 1-19.	2.2	27
7	Spectral signatures of the tropical Pacific dynamics from model and altimetry: a focus on the meso-/submesoscale range. <i>Ocean Science</i> , 2018, 14, 1283-1301.	3.4	26
8	Emergence of Large-Scale Hydrodynamic Structures Due to Atmospheric Offshore Wind Farm Wakes. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	24
9	Exploring the wakes of large offshore wind farms. <i>Journal of Physics: Conference Series</i> , 2016, 753, 092014.	0.4	18
10	Exploring the mesoscale activity in the Solomon Sea: A complementary approach with a numerical model and altimetric data. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2290-2311.	2.6	16
11	In-situ airborne measurements of atmospheric and sea surface parameters related to offshore wind parks in the German Bight. <i>Earth System Science Data</i> , 2020, 12, 935-946.	9.9	16
12	Evaluation of a simple analytical model for offshore wind farm wake recovery by in situ data and Weather Research and Forecasting simulations. <i>Wind Energy</i> , 2021, 24, 212-228.	4.2	15
13	Wind speed deficits downstream offshore wind parks“ A new automatised estimation technique based on satellite synthetic aperture radar data. <i>Meteorologische Zeitschrift</i> , 2019, 28, 499-515.	1.0	12
14	Internal tides in the Solomon Sea in contrasted ENSO conditions. <i>Ocean Science</i> , 2020, 16, 615-635.	3.4	8
15	Study of Coastal Effects Relevant for Offshore Wind Energy Using Spaceborne Synthetic Aperture Radar (SAR). <i>Remote Sensing</i> , 2022, 14, 1688.	4.0	4
16	Airborne LiDAR Measurements of Sea Surface Properties in the German Bight. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 4608-4617.	6.3	3
17	SAR Observations of Offshore Windfarm Wakes. , 2021, , 1-33.		0