

# Federico Cassola

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

685  
citations

9  
h-index

10  
g-index

10  
ext. papers

849  
ext. citations

5.1  
avg. IF

4.21  
L-index

#	Paper	IF	Citations
10	Wind speed and wind energy forecast through Kalman filtering of Numerical Weather Prediction model output. <i>Applied Energy</i> , <b>2012</b> , 99, 154-166	10.7	280
9	Performance evaluation of Wavewatch III in the Mediterranean Sea. <i>Ocean Modelling</i> , <b>2015</b> , 90, 82-94	3	110
8	PM2.5 chemical composition in five European Mediterranean cities: A 1-year study. <i>Atmospheric Research</i> , <b>2015</b> , 155, 102-117	5.4	95
7	Constraining the ship contribution to the aerosol of the central Mediterranean. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 2067-2084	6.8	47
6	Developing and validating a forecast/hindcast system for the Mediterranean Sea. <i>Journal of Coastal Research</i> , <b>2013</b> , 165, 1551-1556	0.6	44
5	Optimization of the Regional Spatial Distribution of Wind Power Plants to Minimize the Variability of Wind Energy Input into Power Supply Systems. <i>Journal of Applied Meteorology and Climatology</i> , <b>2008</b> , 47, 3099-3116	2.7	38
4	Optimized wind and wave energy resource assessment and offshore exploitability in the Mediterranean Sea. <i>Energy</i> , <b>2020</b> , 190, 116447	7.9	27
3	Size distribution and optical properties of African mineral dust after intercontinental transport. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 7117-7138	4.4	25
2	Summertime surface PM <sub>2.5</sub> ; aerosol composition and size by source region at the Lampedusa island in the central Mediterranean Sea. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 11123-11142	6.8	14
1	An Experimental Study of the Statistics of Temperature Fluctuations in the Atmospheric Boundary Layer. <i>Boundary-Layer Meteorology</i> , <b>2014</b> , 150, 91-106	3.4	5