

# Federico Cassola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9417333/publications.pdf>

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10  
papers

1,005  
citations

1039406

9  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wind speed and wind energy forecast through Kalman filtering of Numerical Weather Prediction model output. Applied Energy, 2012, 99, 154-166.	5.1	417
2	Performance evaluation of Wavewatch III in the Mediterranean Sea. Ocean Modelling, 2015, 90, 82-94.	1.0	161
3	PM2.5 chemical composition in five European Mediterranean cities: A 1-year study. Atmospheric Research, 2015, 155, 102-117.	1.8	128
4	Developing and validating a forecast/hindcast system for the Mediterranean Sea. Journal of Coastal Research, 2013, 165, 1551-1556.	0.1	63
5	Constraining the ship contribution to the aerosol of the central Mediterranean. Atmospheric Chemistry and Physics, 2017, 17, 2067-2084.	1.9	59
6	Optimized wind and wave energy resource assessment and offshore exploitability in the Mediterranean Sea. Energy, 2020, 190, 116447.	4.5	55
7	Optimization of the Regional Spatial Distribution of Wind Power Plants to Minimize the Variability of Wind Energy Input into Power Supply Systems. Journal of Applied Meteorology and Climatology, 2008, 47, 3099-3116.	0.6	52
8	Size distribution and optical properties of African mineral dust after intercontinental transport. Journal of Geophysical Research D: Atmospheres, 2016, 121, 7117-7138.	1.2	42
9	Summertime surface PM <sub>10</sub> aerosol composition and size by source region at the Lampedusa island in the central Mediterranean Sea. Atmospheric Chemistry and Physics, 2019, 19, 11123-11142.	1.9	22
10	An Experimental Study of the Statistics of Temperature Fluctuations in the Atmospheric Boundary Layer. Boundary-Layer Meteorology, 2014, 150, 91-106.	1.2	6