

Matteo Reggente

List of Publications by Year in descending order

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416
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of functional groups in atmospheric aerosols by infrared spectroscopy: method development for probabilistic modeling of organic carbon and organic matter concentrations. Atmospheric Measurement Techniques, 2020, 13, 1517-1538.	3.1	9
2	Atmospheric particulate matter characterization by Fourier transform infrared spectroscopy: a review of statistical calibration strategies for carbonaceous aerosol quantification in US measurement networks. Atmospheric Measurement Techniques, 2019, 12, 525-567.	3.1	17
3	Analysis of functional groups in atmospheric aerosols by infrared spectroscopy: systematic intercomparison of calibration methods for US measurement network samples. Atmospheric Measurement Techniques, 2019, 12, 2287-2312.	3.1	16
4	An open platform for Aerosol InfraRed Spectroscopy analysis â€“ AIRSpec. Atmospheric Measurement Techniques, 2019, 12, 2313-2329.	3.1	8
5	Quantifying organic matter and functional groups in particulate matter filter samples from the southeastern United States â€“ Part 1: Methods. Atmospheric Measurement Techniques, 2019, 12, 5391-5415.	3.1	12
6	Predicting ambient aerosol thermalâ€“optical reflectance (TOR) measurements from infrared spectra: extending the predictions to different years and different sites. Atmospheric Measurement Techniques, 2016, 9, 441-454.	3.1	14
7	A comparison of strategies for estimation of ultrafine particle number concentrations in urban air pollution monitoring networks. Environmental Pollution, 2015, 199, 209-218.	7.5	6
8	Prediction of ultrafine particle number concentrations in urban environments by means of Gaussian process regression based on measurements of oxides of nitrogen. Environmental Modelling and Software, 2014, 61, 135-150.	4.5	25
9	The Aeroflex: A Bicycle for Mobile Air Quality Measurements. Sensors, 2013, 13, 221-240.	3.8	90
10	Wintertime spatio-temporal variation of ultrafine particles in a Belgian city. Science of the Total Environment, 2012, 431, 307-313.	8.0	41
11	Statistical Evaluation of the Kernel DM+V/W Algorithm for Building Gas Distribution Maps in Uncontrolled Environments. Procedia Chemistry, 2009, 1, 481-484.	0.7	3