

Matteo Reggente

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

245
citations

1162889

8
h-index

1281743

11
g-index

21
all docs

21
docs citations

21
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	The Aeroflex: A Bicycle for Mobile Air Quality Measurements. <i>Sensors</i> , 2013, 13, 221-240.	2.1	90
2	Wintertime spatio-temporal variation of ultrafine particles in a Belgian city. <i>Science of the Total Environment</i> , 2012, 431, 307-313.	3.9	41
3	Prediction of ultrafine particle number concentrations in urban environments by means of Gaussian process regression based on measurements of oxides of nitrogen. <i>Environmental Modelling and Software</i> , 2014, 61, 135-150.	1.9	25
4	Atmospheric particulate matter characterization by Fourier transform infrared spectroscopy: a review of statistical calibration strategies for carbonaceous aerosol quantification in US measurement networks. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 525-567.	1.2	17
5	Analysis of functional groups in atmospheric aerosols by infrared spectroscopy: systematic intercomparison of calibration methods for US measurement network samples. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 2287-2312.	1.2	16
6	Predicting ambient aerosol thermal optical reflectance (TOR) measurements from infrared spectra: extending the predictions to different years and different sites. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 441-454.	1.2	14
7	Quantifying organic matter and functional groups in particulate matter filter samples from the southeastern United States – Part 1: Methods. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 5391-5415.	1.2	12
8	Analysis of functional groups in atmospheric aerosols by infrared spectroscopy: method development for probabilistic modeling of organic carbon and organic matter concentrations. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1517-1538.	1.2	9
9	An open platform for Aerosol InfraRed Spectroscopy analysis – AIRSpec. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 2313-2329.	1.2	8
10	A comparison of strategies for estimation of ultrafine particle number concentrations in urban air pollution monitoring networks. <i>Environmental Pollution</i> , 2015, 199, 209-218.	3.7	6
11	Statistical Evaluation of the Kernel DM+V/W Algorithm for Building Gas Distribution Maps in Uncontrolled Environments. <i>Procedia Chemistry</i> , 2009, 1, 481-484.	0.7	3