

Adolfo Narros Sierra

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

868
citations

687363

13
h-index

839539

18
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21
all docs

21
docs citations

21
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Air Quality and Meteorological Changes Induced by Future Vegetation in Madrid. <i>Forests</i> , 2022, 13, 690.	2.1	5
2	Predicting the Olea pollen concentration with a machine learning algorithm ensemble. <i>International Journal of Biometeorology</i> , 2021, 65, 541-554.	3.0	8
3	NOx removal efficiency of urban photocatalytic pavements at pilot scale. <i>Science of the Total Environment</i> , 2020, 719, 137459.	8.0	29
4	Electrospray printing of graphene layers for chemiresistive gas sensors. , 2020, 2, .		1
5	Low-Cost sensors for urban air quality monitoring: preliminary laboratory and in-field tests within the TECNIAIRE-CM project. , 2019, , .		4
6	Boron Removal from Aqueous Solutions by Synthetic MgAlFe Mixed Oxides. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9931-9939.	3.7	15
7	Comparison of modeling with empirical calculation of diffuse and fugitive methane emissions in a Spanish landfill. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 362-372.	1.9	3
8	Using statistical methods to carry out in field calibrations of low cost air quality sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 245-254.	7.8	83
9	Application of a short term air quality action plan in Madrid (Spain) under a high-pollution episode - Part I: Diagnostic and analysis from observations. <i>Science of the Total Environment</i> , 2018, 635, 1561-1573.	8.0	40
10	Characterisation of tar from sewage sludge gasification. Influence of gasifying conditions: Temperature, throughput, steam and use of primary catalysts. <i>Fuel</i> , 2016, 180, 116-126.	6.4	47
11	Assessment of microscale spatio-temporal variation of air pollution at an urban hotspot in Madrid (Spain) through an extensive field campaign. <i>Atmospheric Environment</i> , 2016, 140, 432-445.	4.1	59
12	An integrated assessment of two decades of air pollution policy making in Spain: Impacts, costs and improvements. <i>Science of the Total Environment</i> , 2015, 527-528, 351-361.	8.0	19
13	Air and air-steam gasification of sewage sludge. The influence of dolomite and throughput in tar production and composition. <i>Fuel</i> , 2014, 115, 54-61.	6.4	87
14	Carbon dioxide adsorption in chemically activated carbon from sewage sludge. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 557-564.	1.9	52
15	Determination of dipyrone in pharmaceutical preparations based on the chemiluminescent reaction of the quinolinic hydrazideâ€“H₂O₂â€“vanadium(IV) system and flowâ€“injection analysis. <i>Luminescence</i> , 2012, 27, 45-50.	2.9	9
16	Health impact assessment of a reduction in ambient PM2.5 levels in Spain. <i>Environment International</i> , 2011, 37, 342-348.	10.0	118
17	Road dust contribution to PM levels â€“ Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. <i>Atmospheric Environment</i> , 2011, 45, 2193-2201.	4.1	51
18	Behaviour of dolomite, olivine and alumina as primary catalysts in airâ€“steam gasification of sewage sludge. <i>Fuel</i> , 2011, 90, 521-527.	6.4	132

#	ARTICLE	IF	CITATIONS
19	Air-steam gasification of sewage sludge in a bubbling bed reactor: Effect of alumina as a primary catalyst. <i>Fuel Processing Technology</i> , 2011, 92, 433-440.	7.2	71
20	Influence of boundary conditions on CMAQ simulations over the Iberian Peninsula. <i>Atmospheric Environment</i> , 2010, 44, 2681-2695.	4.1	35