Adolfo Narros Sierra

List of Publications by Year
in descending order

20 papers	868 citations	687363 13 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	1451 citing authors

#	Article	IF	Citations
1	Behaviour of dolomite, olivine and alumina as primary catalysts in air–steam gasification of sewage sludge. Fuel, 2011, 90, 521-527.	6.4	132
2	Health impact assessment of a reduction in ambient PM2.5 levels in Spain. Environment International, 2011, 37, 342-348.	10.0	118
3	Air and air-steam gasification of sewage sludge. The influence of dolomite and throughput in tar production and composition. Fuel, 2014, 115, 54-61.	6.4	87
4	Using statistical methods to carry out in field calibrations of low cost air quality sensors. Sensors and Actuators B: Chemical, 2018, 267, 245-254.	7.8	83
5	Air-steam gasification of sewage sludge in a bubbling bed reactor: Effect of alumina as a primary catalyst. Fuel Processing Technology, 2011, 92, 433-440.	7.2	71
6	Assessment of microscale spatio-temporal variation of air pollution at an urban hotspot in Madrid (Spain) through an extensive field campaign. Atmospheric Environment, 2016, 140, 432-445.	4.1	59
7	Carbon dioxide adsorption in chemically activated carbon from sewage sludge. Journal of the Air and Waste Management Association, 2013, 63, 557-564.	1.9	52
8	Road dust contribution to PM levels – Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. Atmospheric Environment, 2011, 45, 2193-2201.	4.1	51
9	Characterisation of tar from sewage sludge gasification. Influence of gasifying conditions: Temperature, throughput, steam and use of primary catalysts. Fuel, 2016, 180, 116-126.	6.4	47
10	Application of a short term air quality action plan in Madrid (Spain) under a high-pollution episode - Part I: Diagnostic and analysis from observations. Science of the Total Environment, 2018, 635, 1561-1573.	8.0	40
11	Influence of boundary conditions on CMAQ simulations over the Iberian Peninsula. Atmospheric Environment, 2010, 44, 2681-2695.	4.1	35
12	NOx removal efficiency of urban photocatalytic pavements at pilot scale. Science of the Total Environment, 2020, 719, 137459.	8.0	29
13	An integrated assessment of two decades of air pollution policy making in Spain: Impacts, costs and improvements. Science of the Total Environment, 2015, 527-528, 351-361.	8.0	19
14	Boron Removal from Aqueous Solutions by Synthetic MgAlFe Mixed Oxides. Industrial & Engineering Chemistry Research, 2019, 58, 9931-9939.	3.7	15
15	Determination of dipyrone in pharmaceutical preparations based on the chemiluminescent reaction of the quinolinic hydrazide–H_2O_2–vanadium(IV) system and flow‐injection analysis. Luminescence, 2012, 27, 45-50.	2.9	9
16	Predicting the Olea pollen concentration with a machine learning algorithm ensemble. International Journal of Biometeorology, 2021, 65, 541-554.	3.0	8
17	Assessment of Air Quality and Meteorological Changes Induced by Future Vegetation in Madrid. Forests, 2022, 13, 690.	2.1	5
18	Low-Cost sensors for urban air quality monitoring: preliminary laboratory and in-field tests within the TECNAIRE-CM project. , 2019, , .		4

#	Article	IF	Citations
19	Comparison of modeling with empirical calculation of diffuse and fugitive methane emissions in a Spanish landfill. Journal of the Air and Waste Management Association, 2019, 69, 362-372.	1.9	3
20	Electrospray printing of graphene layers for chemiresistive gas sensors. , 2020, 2, .		1