Dara Salcedo

List of Publications by Year in Descending Order

33 papers	6,967 citations	18 h-index	33 g-index
33 ext. papers	7,804 ext. citations	5.8 avg, IF	4.35 L-index

#	Paper	IF	Citations
33	Variations of Black Carbon Concentrations in Two Sites in Mexico: A High-Altitude National Park and a Semi-Urban Site. *Atmosphere*, **2022**, 13, 216	2.7	0
32	Temporal variations of black carbon, carbon monoxide, and carbon dioxide in Mexico City: Mutual correlations and evaluation of emissions inventories. *Urban Climate*, **2021**, 37, 100855	6.8	5
31	Source Apportionment of Particulate Matter in the Metropolitan Area of Quer□taro (Central Mexico): First Case Study. *ACS Earth and Space Chemistry*, **2021**, 5, 2347-2355	3.2	0
30	Nanoparticle size distributions in Mexico city. *Atmospheric Pollution Research*, **2020**, 11, 78-84	4.5	12
29	Optical properties of atmospheric particles over an urban site in Mexico City and a peri-urban site in Queretaro. *Journal of Atmospheric Chemistry*, **2019**, 76, 201-228	3.2	2
28	Water-soluble inorganic ions of size-differentiated atmospheric particles from a suburban site of Mexico City. *Journal of Atmospheric Chemistry*, **2018**, 75, 155-169	3.2	3
27	PM1 Chemical Characterization during the ACU15 Campaign, South of Mexico City. *Atmosphere*, **2018**, 9, 232	2.7	5
26	Seasonal changes in the PM1 chemical composition north of Mexico City. *Atmosfera*, **2017**, 30, 243-258	2.5	9
25	Using trace element content and lead isotopic composition to assess sources of PM in Tijuana, Mexico. *Atmospheric Environment*, **2016**, 132, 171-178	5.3	6
24	Assessment of sample preparation methods for the analysis of trace elements in airborne particulate matter. *Journal of Analytical Atomic Spectrometry*, **2014**, 29, 753-761	3.7	12
23	A comparison between Cal□Mex in Tijuana and Cal-Nex in Pasadena on aerosol optical properties, ozone and reactive nitrogen. *Urban Climate*, **2014**, 10, 782-800	6.8	1
22	Study of the regional air quality south of Mexico City (Morelos state). *Science of the Total Environment*, **2012**, 414, 417-32	10.2	15
21	Impact of trash burning on air quality in Mexico City. *Environmental Science & Technology*, **2012**, 46, 4950-7	10.3	46
20	Feasibility of the Detection of Trace Elements in Particulate Matter Using Online High-Resolution Aerosol Mass Spectrometry. *Aerosol Science and Technology*, **2012**, 46, 1187-1200	3.4	23
19	Determination of particulate lead using aerosol mass spectrometry: MILAGRO/MCMA-2006 observations. *Atmospheric Chemistry and Physics*, **2010**, 10, 5371-5389	6.8	37
18	Evolution of organic aerosols in the atmosphere. *Science*, **2009**, 326, 1525-9	33.3	2767
17	Mexico City aerosol analysis during MILAGRO using high resolution aerosol mass spectrometry at the urban supersite (T0) □Part 1: Fine particle composition and organic source apportionment. *Atmospheric Chemistry and Physics*, **2009**, 9, 6633-6653	6.8	440

List of Publications

16	Comparative analysis of urban atmospheric aerosol by particle-induced X-ray emission (PIXE), proton elastic scattering analysis (PESA), and aerosol mass spectrometry (AMS). *Environmental Science & Technology*, **2008**, 42, 6619-24	10.3	33
15	Total observed organic carbon (TOOC) in the atmosphere: a synthesis of North American observations. *Atmospheric Chemistry and Physics*, **2008**, 8, 2007-2025	6.8	81
14	A missing sink for gas-phase glyoxal in Mexico City: Formation of secondary organic aerosol. *Geophysical Research Letters*, **2007**, 34,	4.9	376
13	Detection of particle-phase polycyclic aromatic hydrocarbons in Mexico City using an aerosol mass spectrometer. *International Journal of Mass Spectrometry*, **2007**, 263, 152-170	1.9	137
12	Technical Note: Use of a beam width probe in an Aerosol Mass Spectrometer to monitor particle collection efficiency in the field. *Atmospheric Chemistry and Physics*, **2007**, 7, 549-556	6.8	56
11	Ubiquity and dominance of oxygenated species in organic aerosols in anthropogenically-influenced Northern Hemisphere midlatitudes. *Geophysical Research Letters*, **2007**, 34, n/a-n/a	4.9	1497
10	Secondary organic aerosol formation from anthropogenic air pollution: Rapid and higher than expected. *Geophysical Research Letters*, **2006**, 33,	4.9	895
9	Equilibrium phase diagrams of aqueous mixtures of malonic acid and sulfate/ammonium salts. *Journal of Physical Chemistry A*, **2006**, 110, 12158-65	2.8	28
8	Implementation of a Markov Chain Monte Carlo method to inorganic aerosol modeling of observations from the MCMA-2003 campaign Part´II: Model application to the CENICA, Pedregal and Santa Ana sites. *Atmospheric Chemistry and Physics*, **2006**, 6, 4889-4904	6.8	29
7	Characterization of ambient aerosols in Mexico City during the MCMA-2003 campaign with Aerosol Mass Spectrometry: results from the CENICA Supersite. *Atmospheric Chemistry and Physics*, **2006**, 6, 925-946	6.8	302
6	Effect of relative humidity on the detection of sulfur dioxide and sulfuric acid using a chemical ionization mass spectrometer. *International Journal of Mass Spectrometry*, **2004**, 231, 17-30	1.9	17
5	Homogeneous Freezing of Concentrated Aqueous Nitric Acid Solutions at Polar Stratospheric Temperatures *Journal of Physical Chemistry A*, **2001**, 105, 1433-1439	2.8	61
4	Nucleation rates of nitric acid dihydrate in 1:2 HNO3/H2O solutions at stratospheric temperatures. *Geophysical Research Letters*, **2000**, 27, 193-196	4.9	21
3	Deliquescence of sulfuric acid tetrahydrate following volcanic eruptions or denitrification. *Geophysical Research Letters*, **1998**, 25, 31-34	4.9	10
2	Self-association of 1,2-diols Apparent heat capacities of 1,2-diols in n-heptane and carbon tetrachloride. *Journal of the Chemical Society, Faraday Transactions*, **1997**, 93, 3781-3789		12
1	Phase Transformations of Micron-Sized H2SO4/H2O Particles Studied by Infrared Spectroscopy. *Journal of Physical Chemistry B*, **1997**, 101, 5307-5313	3.4	29