Beatriz H AristizÃ¡bal

List of Publications by Year
in descending order

32 papers	721 citations	516710 16 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	832 citing authors

#	Article	IF	Citations
1	Multi-elemental analysis of particulate matter PM2.5 and PM10 by ICP OES. Talanta, 2021, 221, 121457.	5.5	7
2	Volcanic emissions and atmospheric pollution: A study of nanoparticles. Geoscience Frontiers, 2021, 12, 746-755.	8.4	32
3	Insights to WRF-Chem sensitivity in a zone of complex terrain in the tropical Andes: Effect of boundary conditions, chemical mechanisms, nesting, and domain configuration. Atmospheric Pollution Research, 2021, 12, 101093.	3.8	6
4	Spatial Distribution and Chemical Composition of Road Dust in Two High-Altitude Latin American Cities. Atmosphere, 2021, 12, 1109.	2.3	10
5	Dataset for evaluating WRF-Chem sensitivity to biogenic emission inventories in a tropical region. Global online model (MEGAN) vs local offline model (BIGA). Data in Brief, 2021, 38, 107438.	1.0	0
6	Global intercomparison of polyurethane foam passive air samplers evaluating sources of variability in SVOC measurements. Environmental Science and Policy, 2021, 125, 1-9.	4.9	15
7	Impact of polycyclic aromatic hydrocarbons in mangroves from the Colombian pacific coast: Evaluation in sediments and bivalves. Marine Pollution Bulletin, 2021, 172, 112828.	5.0	11
8	Comparison of Top-Down and Bottom-Up Road Transport Emissions through High-Resolution Air Quality Modeling in a City of Complex Orography. Atmosphere, 2021, 12, 1372.	2.3	8
9	Mixing layer height and slope wind oscillation: Factors that control ambient air SO2 in a tropical mountain city. Sustainable Cities and Society, 2020, 52, 101852.	10.4	11
10	BVOC Emissions Along the Eastern and Western Slopes of the Andes Central Range with Strong Altitudinal Gradient over a Wide Range of Andean Ecosystems: Model Estimation/Disaggregation with BIGA. Environmental Modeling and Assessment, 2020, 25, 761-773.	2.2	1
11	DROVE: An Algorithm for Spatial and Temporal Disaggregation of On-road Vehicle Emission Inventories. Aerosol and Air Quality Research, 2020, 20, 2765-2779.	2.1	10
12	Long-term monitoring programme of polychlorinated dioxins and polychlorinated furans in ambient air of Catalonia, Spain (1994â€“2015). Science of the Total Environment, 2018, 633, 738-744.	8.0	12
13	Air-Quality Monitoring in an Urban Area in the Tropical Andes. IEEE Potentials, 2018, 37, 34-39.	0.3	4
14	Spatial and temporal disaggregation of the on-road vehicle emission inventory in a medium-sized Andean city. Comparison of GIS-based top-down methodologies. Atmospheric Environment, 2018, 179, 142-155.	4.1	48
15	High-resolution air quality modeling in a medium-sized city in the tropical Andes: Assessment of local and global emissions in understanding ozone and PM10 dynamics. Atmospheric Pollution Research, 2018, 9, 934-948.	3.8	30
16	Air monitoring of new and legacy POPs in the Group of Latin America and Caribbean (GRULAC) region. Environmental Pollution, 2018, 243, 1252-1262.	7.5	42
17	Atmospheric Concentrations of New Persistent Organic Pollutants and Emerging Chemicals of Concern in the Group of Latin America and Caribbean (GRULAC) Region. Environmental Science & Technology, 2018, 52, 7240-7249.	10.0	40
18	DISTRIBUCIÃ“N ESPACIAL DE CONCENTRACIONES DE SO2, NOX Y O3 EN EL AIRE AMBIENTE DE MANIZALES. Revista Internacional De Contaminacion Ambiental, 2018, 34, 489-504.	0.4	5

#	Article	IF	Citations
19	Catalytic activity and stability of Pd/Co catalysts in simultaneous selective catalytic reduction of NOx with methane and oxidation of o -dichlorobenzene. Catalysis Today, 2017, 296, 105-117.	4.4	11
20	Relative impact of on-road vehicular and point-source industrial emissions of air pollutants in a medium-sized Andean city. Atmospheric Environment, 2017, 152, 279-289.	4.1	46
21	Analysis of polychlorinated dibenzo-p-dioxins and dibenzofurans in stack gas emissions by gas chromatography-atmospheric pressure chemical ionization-triple-quadrupole mass spectrometry. Journal of Chromatography A, 2017, 1513, 245-249.	3.7	12
22	Towards a regional passive air sampling network and strategy for new POPs in the GRULAC region: Perspectives from the GAPS Network and first results for organophosphorus flame retardants. Science of the Total Environment, 2016, 573, 1294-1302.	8.0	27
23	Environmental variation of PCDD/Fs and dl-PCBs in two tropical Andean Colombian cities using passive samplers. Science of the Total Environment, 2016, 568, 614-623.	8.0	16
24	Assessing Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans in Air across Latin American Countries Using Polyurethane Foam Disk Passive Air Samplers. Environmental Science & Technology, 2015, 49, 3680-3686.	10.0	45
25	PCDD/PCDF and dl-PCB in the ambient air of a tropical Andean city: Passive and active sampling measurements near industrial and vehicular pollution sources. Science of the Total Environment, 2014, 491-492, 67-74.	8.0	38
26	Acid rain and particulate matter dynamics in a mid-sized Andean city: The effect of rain intensity on ion scavenging. Atmospheric Environment, 2012, 60, 164-171.	4.1	45
27	Polychlorinated dibenzo-p-dioxin and dibenzofuran in urban air of an Andean city. Chemosphere, 2011, 85, 170-178.	8.2	34
28	In situ FTIR study of the adsorption and reaction of ortho-dichlorobenzene over Pd-promoted Co-HMOR. Microporous and Mesoporous Materials, 2008, 112, 432-440.	4.4	35
29	Ortho-dichlorobenzene oxidation over Pd/Co loaded sulfated zirconia and mordenite catalysts. Applied Catalysis A: General, 2008, 335, 211-219.	4.3	27
30	In situ FTIR study of the adsorption and reaction of ortho-dichlorobenzene on Pdâ€“Co sulfated zirconia catalysts. Journal of Catalysis, 2008, 258, 95-102.	6.2	41
31	Dioxin emissions from thermal waste management in MedellÃn, Colombia: Present regulation status and preliminary results. Waste Management, 2007, 27, 1603-1610.	7.4	11
32	Screening of Pd and Ni supported on solâ€“gel derived oxides for dichloromethane hydrodechlorination. Journal of Molecular Catalysis A, 2004, 222, 189-198.	4.8	41