Juan Manuel Alfaro

List of Publications by Year
in descending order

12	255	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of trace metals in TSP and PM 2.5 materials collected in the Metropolitan Area of Monterrey, Mexico: A characterization study by XPS, ICP-AES and SEM-EDS. Atmospheric Research, 2017, 196, 8-22.	4.1	48
2	Chemical and morphological characterization of TSP and PM2.5 by SEM-EDS, XPS and XRD collected in the metropolitan area of Monterrey, Mexico. Atmospheric Environment, 2016, 143, 249-260.	4.1	41
3	Seasonal variation and chemical composition of particulate matter: A study by XPS, ICP-AES and sequential microanalysis using Raman with SEM/EDS. Journal of Environmental Sciences, 2018, 74, 32-49.	6.1	34
4	Evaluation of the transfer of soil arsenic to maize crops in suburban areas of San Luis Potosi, Mexico. Science of the Total Environment, 2014, 497-498, 153-162.	8.0	30
5	Trace Analysis of the Radionuclides90Sr and89Sr in Environmental Samples III: Development of a Fast Analytical Method. Angewandte Chemie International Edition in English, 1995, 34, 186-189.	4.4	24
6	Microwave assisted extraction for mercury speciation analysis. Mikrochimica Acta, 2011, 172, 3-14.	5.0	24
7	Contamination and chemical fractionation of heavy metals in street dust from the Metropolitan Area of Monterrey, Mexico. Environmental Technology (United Kingdom), 2011, 32, 1163-1172.	2.2	21
8	Effect of Carbon/Nitrogen Ratio, Temperature, and Inoculum Source on Hydrogen Production from Dark Codigestion of Fruit Peels and Sewage Sludge. Sustainability, 2019, 11, 2139.	3.2	18
9	Characterization of atmospheric black carbon in particulate matter over the Monterrey metropolitan area, Mexico, using scanning electron microscopy. Air Quality, Atmosphere and Health, 2016, 9, 223-229.	3.3	7
10	Spurenbestimmung der Radionuclide ⁹⁰Sr und ⁸⁹Sr in Umweltproben III: Entwicklung einer Schnellmethode. Angewandte Chemie, 1995, 107, 207-210.	2.0	5
11	A PRELIMINARY STUDY OF THE DISTRIBUTION AND MOBILITY OF MERCURY IN WATER AND SEDIMENTS FROM THE SAN JUAN RIVER WATERSHED, NUEVO LEON MEXICO. Journal of the Chilean Chemical Society, 2010, 55, 486-490.	1.2	2
12	The Monod and a biphasic biodegradation kinetics of diesel hydrocarbons by a biofilm of Pseudomonas and the potential electromotive force involved. Journal of Chemical Technology and Biotechnology, 2015, 90, 1253-1262.	3.2	1