

Carlos A Manzano

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

892
citations

623734

14
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1295
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene Plastic: A Source and Sink for Polycyclic Aromatic Hydrocarbons in the Marine Environment. <i>Environmental Science & Technology</i> , 2013, 47, 13976-13984.	10.0	288
2	Heterocyclic Aromatics in Petroleum Coke, Snow, Lake Sediments, and Air Samples from the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2017, 51, 5445-5453.	10.0	67
3	Improved Separation of Complex Polycyclic Aromatic Hydrocarbon Mixtures Using Novel Column Combinations in GC-MS. <i>Environmental Science & Technology</i> , 2012, 46, 7677-7684.	10.0	54
4	Particulate matter in urban areas of south-central Chile exceeds air quality standards. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 653-667.	3.3	50
5	Nontargeted Analysis Study Reporting Tool: A Framework to Improve Research Transparency and Reproducibility. <i>Analytical Chemistry</i> , 2021, 93, 13870-13879.	6.5	47
6	Temporal variation in the deposition of polycyclic aromatic compounds in snow in the Athabasca Oil Sands area of Alberta. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 542.	2.7	44
7	GAPS-megacities: A new global platform for investigating persistent organic pollutants and chemicals of emerging concern in urban air. <i>Environmental Pollution</i> , 2020, 267, 115416.	7.5	39
8	Air pollution and COVID-19 lockdown in a large South American city: Santiago Metropolitan Area, Chile. <i>Urban Climate</i> , 2021, 36, 100803.	5.7	39
9	Quantification of complex polycyclic aromatic hydrocarbon mixtures in standard reference materials using comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1307, 172-179.	3.7	35
10	Airborne Aerosols and Human Health: Leapfrogging from Mass Concentration to Oxidative Potential. <i>Atmosphere</i> , 2020, 11, 917.	2.3	35
11	Deposition and Source Identification of Nitrogen Heterocyclic Polycyclic Aromatic Compounds in Snow, Sediment, and Air Samples from the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2019, 53, 2981-2989.	10.0	27
12	Patterns of Personal Exposure to Urban Pollutants Using Personal Passive Samplers and GC-MS. <i>Environmental Science & Technology</i> , 2019, 53, 614-624.	10.0	27
13	Separation of thia-arenes and aza-arenes from polycyclic aromatics in snowpack samples from the Athabasca oil sands region by GC-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 905-920.	3.3	21
14	Effects of COVID-19 pandemic control measures on air pollution in Lima metropolitan area, Peru in South America. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 925-933.	3.3	20
15	Dithiothreitol-based oxidative potential for airborne particulate matter: an estimation of the associated uncertainty. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29672-29680.	5.3	15
16	Long-term spatial and temporal trends, and source apportionment of polycyclic aromatic compounds in the Athabasca Oil Sands Region. <i>Environmental Pollution</i> , 2021, 268, 115351.	7.5	15
17	A one-century sedimentary record of N- and S-polycyclic aromatic compounds in the Athabasca oil sands region in Canada. <i>Chemosphere</i> , 2020, 260, 127641.	8.2	14
18	The Effect of COVID-19 Lockdowns on the Air Pollution of Urban Areas of Central and Southern Chile. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200677.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Potential local and regional impacts of particulate matter emitted from one of the world's largest open-pit coal mines. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 601-610.	3.3	12
20	Health outcomes, utilization, and equity in Chile: an evolution from 1990 to 2015 and the effects of the last health reform. <i>Public Health</i> , 2020, 178, 38-48.	2.9	7
21	Local Air Quality Issues and Research Priorities Through the Lenses of Chilean Experts: An Ontological Analysis. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 273-281.	2.9	6
22	Exploring the oxidative potential and respiratory deposition of size-segregated particulate matter at an urban site. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102957.	1.4	6
23	Short-term air pollution events in the Atacama desert, Chile. <i>Journal of South American Earth Sciences</i> , 2021, 105, 103010.	1.4	3
24	Urban atmospheric particle size distribution in Santiago, Chile. <i>Atmospheric Pollution Research</i> , 2021, 12, 101201.	3.8	2
25	Identifying local barriers to access to healthcare services in Chile using a communitarian approach. <i>Health Expectations</i> , 2021, , .	2.6	2
26	Síntesis de 2,8,14,20-tetra-n-butilpirogalol[4]areno y estudio computacional conformacional. <i>Avances En Ciencias E Ingenierías</i> , 2010, 2, .	0.1	0