Mario Murillo Tovar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Temporal variation of nitro-polycyclic aromatic hydrocarbons in PM10 and PM2.5 collected in Northern Mexico City. Science of the Total Environment, 2010, 408, 5429-5438.	8.0	64
2	Composition and mutagenicity of PAHs associated with urban airborne particles in CÃ ³ rdoba, Argentina. Environmental Pollution, 2013, 178, 403-410.	7.5	58
3	Opposing seasonal trends for polycyclic aromatic hydrocarbons and PM10: Health risk and sources in southwest Mexico City. Atmospheric Research, 2013, 122, 199-212.	4.1	40
4	Validation of analytical conditions for determination of polycyclic aromatic hydrocarbons in roasted coffee by gas chromatography–mass spectrometry. Food Chemistry, 2016, 197, 747-753.	8.2	28
5	Removal and surface photocatalytic degradation of methylene blue on carbon nanostructures. Diamond and Related Materials, 2021, 119, 108544.	3.9	20
6	Assessment of the modulation effect of rainfall on solar radiation availability at the <scp>E</scp> arth's surface. Meteorological Applications, 2017, 24, 180-190.	2.1	18
7	Occurrence and Risk Assessment of Steroidal Hormones and Phenolic Endocrine Disrupting Compounds in Surface Water in Cuautla River, Mexico. Water (Switzerland), 2019, 11, 2628.	2.7	18
8	Analysis of PAHs Associated with Particulate Matter PM2.5 in Two Places at the City of Cuernavaca, Morelos, México. Atmosphere, 2015, 6, 1259-1270.	2.3	16
9	Assessment of the kinetics of oxidation of some steroids and pharmaceutical compounds in water using ozone. Journal of Environmental Chemical Engineering, 2014, 2, 316-323.	6.7	15
10	Optimization and Application of a GC-MS Method for the Determination of Endocrine Disruptor Compounds in Natural Water. Separations, 2018, 5, 33.	2.4	15
11	Enrichment Factor and Profiles of Elemental Composition of PM 2.5 in the City of Guadalajara, Mexico. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 545-549.	2.7	13
12	Potential Sources of Trace Metals and Ionic Species in PM2.5 in Guadalajara, Mexico: A Case Study during Dry Season. Atmosphere, 2015, 6, 1858-1870.	2.3	13
13	Occurrence and Potential Sources of Quinones Associated with PM2.5 in Guadalajara, Mexico. Atmosphere, 2017, 8, 140.	2.3	11
14	Polycyclic Aromatic Hydrocarbons (PAHs) Associated with PM2.5 in Guadalajara, Mexico: Environmental Levels, Health Risks and Possible Sources. Environments - MDPI, 2018, 5, 62.	3.3	10
15	Atmospheric Distribution of PAHs and Quinones in the Gas and PM1 Phases in the Guadalajara Metropolitan Area, Mexico: Sources and Health Risk. Atmosphere, 2018, 9, 137.	2.3	9
16	Detection of Steroids in Tap and Drinking Water Using an Optimized Analytical Method by Gas Chromatography–Mass Spectrometry. Exposure and Health, 2018, 10, 189-199.	4.9	8
17	Selective Separation of Oxy-PAH from n-Alkanes and PAH in Complex Organic Mixtures Extracted from Airborne PM2.5. Chromatographia, 2010, 72, 913-921.	1.3	7
18	Distribution and Estrogenic Risk of Alkylphenolic Compounds, Hormones and Drugs Contained in Water and Natural Surface Sediments, Morelos, Mexico. Separations, 2022, 9, 19.	2.4	7

#	Article	IF	CITATIONS
19	Determination of Black Carbon in Fine Particles Using a Semi-Continuous Method at Two Sites in the City of Guadalajara, Mexico, During 2007. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 336-342.	2.7	4
20	Elemental Contribution to the Mass of PM2.5 in Guadalajara City, Mexico. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 490-494.	2.7	3
21	Spectral Characteristics Related to Chemical Substructures and Structures Indicative of Organic Precursors from Fulvic Acids in Sediments by NMR and HPLC-ESI-MS. Molecules, 2021, 26, 4051.	3.8	3
22	Long-Term Analysis of Tropospheric Ozone in the Urban Area of Guadalajara, Mexico: A New Insight of an Alternative Criterion. Atmosphere, 2022, 13, 152.	2.3	3
23	Acidic Gases and Nitrate and Sulfate Particles in the Atmosphere in the City of Guadalajara, México. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 730-734.	2.7	2
24	Presence of the Most Abundant Ionic Species and Their Contribution to PM2.5 Mass, in the City of Guadalajara, Jalisco (Mexico). Bulletin of Environmental Contamination and Toxicology, 2010, 85, 632-637.	2.7	1
25	Recent Advances for Polycyclic Aromatic Analysis in Airborne Particulate Matter. , 2019, , .		1
26	Molecular Markers in Ambient Air Associated with Biomass Burning in Morelos, México. Atmosphere, 2020, 11, 491.	2.3	1
27	Emerging Compounds in Mexico: Challenges for Their Identification and Elimination in Wastewater. , $0,,.$		0