Mario Murillo Tovar

List of Publications by Year
in descending order

27 papers	388 citations	840585 11 h-index	794469 19 g-index
27 all docs	27 docs citations	27 times ranked	617 citing authors

#	Article	IF	Citations
1	Distribution and Estrogenic Risk of Alkylphenolic Compounds, Hormones and Drugs Contained in Water and Natural Surface Sediments, Morelos, Mexico. Separations, 2022, 9, 19.	1.1	7
2	Long-Term Analysis of Tropospheric Ozone in the Urban Area of Guadalajara, Mexico: A New Insight of an Alternative Criterion. Atmosphere, 2022, 13, 152.	1.0	3
3	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.	1.7	3
4	Removal and surface photocatalytic degradation of methylene blue on carbon nanostructures. Diamond and Related Materials, 2021, 119, 108544.	1.8	20
5	Molecular Markers in Ambient Air Associated with Biomass Burning in Morelos, México. Atmosphere, 2020, 11, 491.	1.0	1
6	Recent Advances for Polycyclic Aromatic Analysis in Airborne Particulate Matter. , 2019, , .		1
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.	1.2	18
8	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.	2.8	8
9	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.	1.0	9
10	Polycyclic Aromatic Hydrocarbons (PAHs) Associated with PM2.5 in Guadalajara, Mexico: Environmental Levels, Health Risks and Possible Sources. Environments - MDPI, 2018, 5, 62.	1.5	10
11	Optimization and Application of a GC-MS Method for the Determination of Endocrine Disruptor Compounds in Natural Water. Separations, 2018, 5, 33.	1.1	15
12	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.	0.9	18
13	Occurrence and Potential Sources of Quinones Associated with PM2.5 in Guadalajara, Mexico. Atmosphere, 2017, 8, 140.	1.0	11
14	Validation of analytical conditions for determination of polycyclic aromatic hydrocarbons in roasted coffee by gas chromatography–mass spectrometry. Food Chemistry, 2016, 197, 747-753.	4.2	28
15	Analysis of PAHs Associated with Particulate Matter PM2.5 in Two Places at the City of Cuernavaca, Morelos, México. Atmosphere, 2015, 6, 1259-1270.	1.0	16
16	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.	1.0	13
17	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.	3.3	15
18	Opposing seasonal trends for polycyclic aromatic hydrocarbons and PM10: Health risk and sources in southwest Mexico City. Atmospheric Research, 2013, 122, 199-212.	1.8	40

#	Article	IF	Citations
19	Composition and mutagenicity of PAHs associated with urban airborne particles in Córdoba, Argentina. Environmental Pollution, 2013, 178, 403-410.	3.7	58
20	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.	1.3	2
21	Elemental Contribution to the Mass of PM2.5 in Guadalajara City, Mexico. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 490-494.	1.3	3
22	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.	1.3	4
23	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.	1.3	13
24	Selective Separation of Oxy-PAH from n-Alkanes and PAH in Complex Organic Mixtures Extracted from Airborne PM2.5. Chromatographia, 2010, 72, 913-921.	0.7	7
25	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.	1.3	1
26	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.	3.9	64
27	Emerging Compounds in Mexico: Challenges for Their Identification and Elimination in Wastewater. , 0, , .		0