

Mario Murillo Tovar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2904550/publications.pdf>

Version: 2024-02-01

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	Temporal variation of nitro-polycyclic aromatic hydrocarbons in PM10 and PM2.5 collected in Northern Mexico City. <i>Science of the Total Environment</i> , 2010, 408, 5429-5438.	3.9	64
2	Composition and mutagenicity of PAHs associated with urban airborne particles in Córdoba, Argentina. <i>Environmental Pollution</i> , 2013, 178, 403-410.	3.7	58
3	Opposing seasonal trends for polycyclic aromatic hydrocarbons and PM10: Health risk and sources in southwest Mexico City. <i>Atmospheric Research</i> , 2013, 122, 199-212.	1.8	40
4	Validation of analytical conditions for determination of polycyclic aromatic hydrocarbons in roasted coffee by gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2016, 197, 747-753.	4.2	28
5	Removal and surface photocatalytic degradation of methylene blue on carbon nanostructures. <i>Diamond and Related Materials</i> , 2021, 119, 108544.	1.8	20
6	Assessment of the modulation effect of rainfall on solar radiation availability at the earth's surface. <i>Meteorological Applications</i> , 2017, 24, 180-190.	0.9	18
7	Occurrence and Risk Assessment of Steroidal Hormones and Phenolic Endocrine Disrupting Compounds in Surface Water in Cautla River, Mexico. <i>Water (Switzerland)</i> , 2019, 11, 2628.	1.2	18
8	Analysis of PAHs Associated with Particulate Matter PM2.5 in Two Places at the City of Cuernavaca, Morelos, México. <i>Atmosphere</i> , 2015, 6, 1259-1270.	1.0	16
9	Assessment of the kinetics of oxidation of some steroids and pharmaceutical compounds in water using ozone. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 316-323.	3.3	15
10	Optimization and Application of a GC-MS Method for the Determination of Endocrine Disruptor Compounds in Natural Water. <i>Separations</i> , 2018, 5, 33.	1.1	15
11	Enrichment Factor and Profiles of Elemental Composition of PM 2.5 in the City of Guadalajara, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 545-549.	1.3	13
12	Potential Sources of Trace Metals and Ionic Species in PM2.5 in Guadalajara, Mexico: A Case Study during Dry Season. <i>Atmosphere</i> , 2015, 6, 1858-1870.	1.0	13
13	Occurrence and Potential Sources of Quinones Associated with PM2.5 in Guadalajara, Mexico. <i>Atmosphere</i> , 2017, 8, 140.	1.0	11
14	Polycyclic Aromatic Hydrocarbons (PAHs) Associated with PM2.5 in Guadalajara, Mexico: Environmental Levels, Health Risks and Possible Sources. <i>Environments - MDPI</i> , 2018, 5, 62.	1.5	10
15	Atmospheric Distribution of PAHs and Quinones in the Gas and PM1 Phases in the Guadalajara Metropolitan Area, Mexico: Sources and Health Risk. <i>Atmosphere</i> , 2018, 9, 137.	1.0	9
16	Detection of Steroids in Tap and Drinking Water Using an Optimized Analytical Method by Gas Chromatography-Mass Spectrometry. <i>Exposure and Health</i> , 2018, 10, 189-199.	2.8	8
17	Selective Separation of Oxy-PAH from n-Alkanes and PAH in Complex Organic Mixtures Extracted from Airborne PM2.5. <i>Chromatographia</i> , 2010, 72, 913-921.	0.7	7
18	Distribution and Estrogenic Risk of Alkylphenolic Compounds, Hormones and Drugs Contained in Water and Natural Surface Sediments, Morelos, Mexico. <i>Separations</i> , 2022, 9, 19.	1.1	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. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 336-342.	1.3	4
20	Elemental Contribution to the Mass of PM _{2.5} in Guadalajara City, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 490-494.	1.3	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. <i>Molecules</i> , 2021, 26, 4051.	1.7	3
22	Long-Term Analysis of Tropospheric Ozone in the Urban Area of Guadalajara, Mexico: A New Insight of an Alternative Criterion. <i>Atmosphere</i> , 2022, 13, 152.	1.0	3
23	Acidic Gases and Nitrate and Sulfate Particles in the Atmosphere in the City of Guadalajara, MÃ©xico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 730-734.	1.3	2
24	Presence of the Most Abundant Ionic Species and Their Contribution to PM _{2.5} Mass, in the City of Guadalajara, Jalisco (Mexico). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 85, 632-637.	1.3	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, MÃ©xico. <i>Atmosphere</i> , 2020, 11, 491.	1.0	1
27	Emerging Compounds in Mexico: Challenges for Their Identification and Elimination in Wastewater. , 0, , .		0