

Violeta Mugica-Alvarez

List of Publications by Year in descending order

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1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission Factors of Polycyclic Aromatic Hydrocarbons and Oxidative Potential of Fine Particles Emitted from Crop Residues Burning. Polycyclic Aromatic Compounds, 2022, 42, 5123-5142.	1.4	1
2	Comprehensive analysis of a zeolite-packed upflow baffled septic tank using tracer tests and mathematical modelling. Water and Environment Journal, 2022, 36, 332-342.	1.0	1
3	Comparative Study of Cu/ZSM-5 Catalysts Synthesized by Two Ion-Exchange Methods. Crystals, 2022, 12, 545.	1.0	4
4	A Deep Eutectic Solvent as Leaching Agent and Electrolytic Bath for Silver Recovery from Spent Silver Oxide Batteries. Journal of the Electrochemical Society, 2021, 168, 016508.	1.3	13
5	Toxic atmospheric pollutants from crematoria ovens: characterization, emission factors, and modeling. Environmental Science and Pollution Research, 2020, 27, 43800-43812.	2.7	4
6	Updating Real-World Profiles of Volatile Organic Compounds and Their Reactivity Estimation in Tunnels of Mexico City. Atmosphere, 2020, 11, 1339.	1.0	0
7	CO2 Capture by Alkaline Carbonation as an Alternative to a Circular Economy. Applied Sciences (Switzerland), 2020, 10, 863.	1.3	4
8	Effect of platform subway depth on the presence of Airborne PM2.5, metals, and toxic organic species. Journal of Hazardous Materials, 2019, 377, 427-436.	6.5	32
9	Emission factors of atmospheric and climatic pollutants from crop residues burning. Journal of the Air and Waste Management Association, 2018, 68, 849-865.	0.9	36
10	Separation and Capture of CO2 through A Zeolitic Membrane. Proceedings (mdpi), 2018, 2, 1436.	0.2	1
11	Removal of Fluoride in Water with Mexican Natural Zeolite. Proceedings (mdpi), 2018, 2, .	0.2	1
12	Natural Mexican Zeolite Modified with Iron to Remove Arsenic Ions from Water Sources. Proceedings (mdpi), 2018, 2, .	0.2	2
13	PM2.5 emissions from urban crematoriums. Energy Procedia, 2018, 153, 359-363.	1.8	9
14	Sugarcane burning emissions: Characterization and emission factors. Atmospheric Environment, 2018, 193, 262-272.	1.9	32
15	Determination of Particles and Carcinogenic Compounds Emitted by Combustion of Diesel and Diesel:Biodiesel Blends. Proceedings (mdpi), 2018, 2, 1505.	0.2	0
16	Removal of Formaldehyde by CWO. Proceedings (mdpi), 2018, 2, 1471.	0.2	0
17	Sources of trace metals in PM10 from a petrochemical industrial complex in Northern Mexico. Air Quality, Atmosphere and Health, 2017, 10, 69-84.	1.5	23
18	Chemical characterization of filterable PM 2.5 emissions generated from regulated stationary sources in the Metropolitan Area of Costa Rica. Atmospheric Pollution Research, 2017, 8, 709-717.	1.8	8

#	ARTICLE	IF	CITATIONS
19	Characterization and modeling of atmospheric particles from sugarcane burning in Morelos, Mexico. Human and Ecological Risk Assessment (HERA), 2017, 23, 1056-1071.	1.7	3
20	Polycyclic aromatic hydrocarbons in filterable PM 2.5 emissions generated from regulated stationary sources in the metropolitan area of Costa Rica. Atmospheric Pollution Research, 2017, 8, 843-849.	1.8	2
21	Emission factors from different burning stages of agriculture wastes in Mexico. Environmental Science and Pollution Research, 2017, 24, 24297-24310.	2.7	22
22	Increased methylation of repetitive elements and DNA repair genes is associated with higher DNA oxidation in children in an urbanized, industrial environment. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 813, 27-36.	0.9	41
23	Interactions between the Ionic Liquid and the ZrO ₂ Support in Supported Ionic Liquid Membranes for CO ₂ Separation. Technologies, 2016, 4, 32.	3.0	2
24	Catalysts with Cerium in a Membrane Reactor for the Removal of Formaldehyde Pollutant from Water Effluents. Molecules, 2016, 21, 668.	1.7	4
25	Arsenic and metals mobility in soils impacted by tailings at Zimapán, México. Journal of Soils and Sediments, 2016, 16, 1267-1278.	1.5	24
26	Wet Oxidation of Formaldehyde with Heterogeneous Catalytic Materials. International Journal of Environmental Science and Development, 2016, 7, 166-171.	0.2	6
27	Temporal variation of PM ₁₀ and metal concentrations in Tampico, Mexico. Air Quality, Atmosphere and Health, 2015, 8, 367-378.	1.5	9
28	Emissions of PAHs derived from sugarcane burning and processing in Chiapas and Morelos México. Science of the Total Environment, 2015, 527-528, 474-482.	3.9	29
29	Mesoporous materials with enhanced porosity and acidity to obtain clean fuels from low-density polyethylene (LDPE) cracking. Journal of Porous Materials, 2015, 22, 269-281.	1.3	12
30	Novel V ₂ O ₅ /NTiO ₂ –Al ₂ O ₃ nanostructured catalysts for enhanced catalytic activity in NO reduction by NH ₃ . Catalysis Communications, 2014, 45, 54-58.	1.6	18
31	Instantaneous emissions models set in GIS for the TRANSIMS outputs. Transportation Research, Part D: Transport and Environment, 2014, 33, 155-165.	3.2	4
32	Aerobiological study in the Mexico City subway system. Aerobiologia, 2014, 30, 357-367.	0.7	23
33	Exposure to inhaled particulate matter activates early markers of oxidative stress, inflammation and unfolded protein response in rat striatum. Toxicology Letters, 2013, 222, 146-154.	0.4	100
34	Vehicular fleets forecasting to project pollutant emissions: Mexico city metropolitan area case. Transport Policy, 2013, 27, 189-199.	3.4	5
35	NATURAL REVEGETATION OF ALKALINE TAILING HEAPS AT TAXCO, GUERRERO, MEXICO. International Journal of Phytoremediation, 2013, 15, 127-141.	1.7	18
36	Alkylation of Benzene with Propylene in a Flow-Through Membrane Reactor and Fixed-Bed Reactor: Preliminary Results. Materials, 2012, 5, 872-881.	1.3	11

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37	Separation of CO ₂ and N ₂ with a lithium-modified silicalite-1 zeolite membrane. International Journal of Greenhouse Gas Control, 2012, 10, 494-500.	2.3	16
38	Active TiO ₂ nanotubes for CO oxidation at low temperature. Catalysis Communications, 2012, 17, 81-88.	1.6	30
39	Oligomerization of isobutene with a beta-zeolite membrane: Effect of the acid properties of the catalytic membrane. Catalysis Today, 2011, 166, 205-208.	2.2	16
40	Temporal variation of nitro-polycyclic aromatic hydrocarbons in PM ₁₀ and PM _{2.5} collected in Northern Mexico City. Science of the Total Environment, 2010, 408, 5429-5438.	3.9	64
41	Controlled crystal growth of $\hat{1}^2$ zeolite films on alumina supports. Materials Letters, 2008, 62, 1071-1073.	1.3	13
42	Characterization of Aerosols Containing Zn, Pb, and Cl from an Industrial Region of Mexico City. Environmental Science & Technology, 2008, 42, 7091-7097.	4.6	143
43	PM _{2.5} Emission Elemental Composition from Diverse Combustion Sources in the Metropolitan Area of Mexico City. Scientific World Journal, The, 2008, 8, 275-286.	0.8	8
44	Metal Content in Air Samples Collected in an Urban Zone in Tampico, MÃ©xico: A First Survey. Human and Ecological Risk Assessment (HERA), 2007, 13, 1359-1372.	1.7	9
45	Carbazole biodegradation in gas oil/water biphasic media by a new isolated bacterium Burkholderia sp. strain IMP5GC. Journal of Applied Microbiology, 2006, 100, 739-745.	1.4	30
46	Temporal and spatial variations of metal content in TSP and PM ₁₀ in Mexico City during 1996â€“1998. Journal of Aerosol Science, 2002, 33, 91-102.	1.8	76
47	Preliminary study of soot and polycyclic aromatic hydrocarbons in emitted particles from adobe kilns that use scrap tires as fuel. , 0, , .		0