

Juana Maria Delgado-Saborit

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,451
citations

201674

27
h-index

206112

48
g-index

55
all docs

55
docs citations

55
times ranked

3563
citing authors

#	ARTICLE	IF	CITATIONS
1	Emissions and indoor concentrations of particulate matter and its specific chemical components from cooking: A review. <i>Atmospheric Environment</i> , 2013, 71, 260-294.	4.1	397
2	Review: Particle number size distributions from seven major sources and implications for source apportionment studies. <i>Atmospheric Environment</i> , 2015, 122, 114-132.	4.1	179
3	Carcinogenic potential, levels and sources of polycyclic aromatic hydrocarbon mixtures in indoor and outdoor environments and their implications for air quality standards. <i>Environment International</i> , 2011, 37, 383-392.	10.0	170
4	A review of chemical and physical characterisation of atmospheric metallic nanoparticles. <i>Atmospheric Environment</i> , 2014, 94, 353-365.	4.1	134
5	Analysis of atmospheric concentrations of quinones and polycyclic aromatic hydrocarbons in vapour and particulate phases. <i>Atmospheric Environment</i> , 2013, 77, 974-982.	4.1	121
6	A critical review of the epidemiological evidence of effects of air pollution on dementia, cognitive function and cognitive decline in adult population. <i>Science of the Total Environment</i> , 2021, 757, 143734.	8.0	110
7	Environmental and biological monitoring of exposures to PAHs and ETS in the general population. <i>Environment International</i> , 2010, 36, 763-771.	10.0	92
8	Relationship of personal exposure to volatile organic compounds to home, work and fixed site outdoor concentrations. <i>Science of the Total Environment</i> , 2011, 409, 478-488.	8.0	84
9	Using atmospheric measurements of PAH and quinone compounds at roadside and urban background sites to assess sources and reactivity. <i>Atmospheric Environment</i> , 2013, 77, 24-35.	4.1	75
10	Physical properties and lung deposition of particles emitted from five major indoor sources. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 1-14.	3.3	75
11	Characterisation of iron-rich atmospheric submicrometre particles in the roadside environment. <i>Atmospheric Environment</i> , 2016, 140, 167-175.	4.1	70
12	Environmental and lifestyle factors affecting exposure to polycyclic aromatic hydrocarbons in the general population in a Middle Eastern area. <i>Environmental Pollution</i> , 2018, 240, 781-792.	7.5	63
13	Investigating PAH relative reactivity using congener profiles, quinone measurements and back trajectories. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2467-2477.	4.9	53
14	Lifestyle and occupational factors affecting exposure to BTEX in municipal solid waste composting facility workers. <i>Science of the Total Environment</i> , 2019, 656, 540-546.	8.0	48
15	Chronic exposure to heavy metals from informal e-waste recycling plants and children's attention, executive function and academic performance. <i>Science of the Total Environment</i> , 2020, 717, 137099.	8.0	46
16	Measurement of Personal Exposure to Volatile Organic Compounds and Particle Associated PAH in Three UK Regions. <i>Environmental Science & Technology</i> , 2009, 43, 4582-4588.	10.0	44
17	Use of real-time sensors to characterise human exposures to combustion related pollutants. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1824.	2.1	44
18	A review of hygroscopic growth factors of submicron aerosols from different sources and its implication for calculation of lung deposition efficiency of ambient aerosols. <i>Air Quality, Atmosphere and Health</i> , 2015, 8, 429-440.	3.3	43

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19	Determination of atmospheric particulate-phase polycyclic aromatic hydrocarbons from low volume air samples. <i>Analytical Methods</i> , 2010, 2, 231.	2.7	41
20	Environmental chronic exposure to metals and effects on attention and executive function in the general population. <i>Science of the Total Environment</i> , 2020, 705, 135911.	8.0	39
21	Development and evaluation of personal respirable particulate sampler (PRPS). <i>Atmospheric Environment</i> , 2006, 40, 212-224.	4.1	36
22	Use of a Versatile High Efficiency Multiparallel Denuder for the Sampling of PAHs in Ambient Air: Gas and Particle Phase Concentrations, Particle Size Distribution and Artifact Formation. <i>Environmental Science & Technology</i> , 2014, 48, 499-507.	10.0	36
23	Use of urinary biomarkers to characterize occupational exposure to BTEX in healthcare waste autoclave operators. <i>Science of the Total Environment</i> , 2018, 631-632, 857-865.	8.0	36
24	Characterization and risk assessment of BTEX in ambient air of a Middle Eastern City. <i>Chemical Engineering Research and Design</i> , 2020, 139, 98-105.	5.6	34
25	Model Development and Validation of Personal Exposure to Volatile Organic Compound Concentrations. <i>Environmental Health Perspectives</i> , 2009, 117, 1571-1579.	6.0	31
26	Near-Road Modeling and Measurement of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. <i>Environmental Science & Technology</i> , 2014, 48, 10607-10613.	10.0	29
27	Effects of shisha smoking on carbon monoxide and PM 2.5 concentrations in the indoor and outdoor microenvironment of shisha premises. <i>Science of the Total Environment</i> , 2016, 548-549, 340-346.	8.0	28
28	Air pollution and endocrine disruptors induce human microbiome imbalances: A systematic review of recent evidence and possible biological mechanisms. <i>Science of the Total Environment</i> , 2022, 816, 151654.	8.0	27
29	Murine precision-cut lung slices exhibit acute responses following exposure to gasoline direct injection engine emissions. <i>Science of the Total Environment</i> , 2016, 568, 1102-1109.	8.0	23
30	Trends in arsenic levels in PM10 and PM2.5 aerosol fractions in an industrialized area. <i>Environmental Science and Pollution Research</i> , 2014, 21, 695-703.	5.3	21
31	Evaluation of air quality at the Birmingham New Street Railway Station. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 1864-1878.	2.0	16
32	Factors Affecting the Ambient Physicochemical Properties of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. <i>Aerosol Science and Technology</i> , 2015, 49, 371-380.	3.1	15
33	Sensitivity of a Chemical Mass Balance model for PM2.5 to source profiles for differing styles of cooking. <i>Atmospheric Environment</i> , 2018, 178, 282-285.	4.1	15
34	Comparison of Machine Learning Approaches with a General Linear Model To Predict Personal Exposure to Benzene. <i>Environmental Science & Technology</i> , 2018, 52, 11215-11222.	10.0	15
35	Field Study of Diffusion Collection Rate Coefficients of a No2 Passive Sampler in a Mediterranean Coastal Area. <i>Environmental Monitoring and Assessment</i> , 2006, 120, 327-345.	2.7	14
36	Study of gaseous benzene effects upon A549 lung epithelial cells using a novel exposure system. <i>Toxicology Letters</i> , 2015, 237, 38-45.	0.8	13

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37	Source Apportionment of the Lung Dose of Ambient Submicrometre Particulate Matter. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1548-1557.	2.1	13
38	Environmentally Relevant Iron Oxide Nanoparticles Produce Limited Acute Pulmonary Effects in Rats at Realistic Exposure Levels. <i>International Journal of Molecular Sciences</i> , 2021, 22, 556.	4.1	13
39	Comparative Modeling Approaches for Personal Exposure to Particle-Associated PAH. <i>Environmental Science & Technology</i> , 2010, 44, 9370-9376.	10.0	12
40	Occurrence and Potential Sources of Quinones Associated with PM _{2.5} in Guadalajara, Mexico. <i>Atmosphere</i> , 2017, 8, 140.	2.3	11
41	Adverse pregnancy and perinatal outcomes in Latin America and the Caribbean: systematic review and meta-analysis. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2022, 46, 1.	1.1	11
42	Assessment of tropospheric ozone effects on citrus crops using passive samplers in a western Mediterranean area. <i>Agriculture, Ecosystems and Environment</i> , 2008, 124, 147-153.	5.3	10
43	Exploring urinary biomarkers to assess oxidative DNA damage resulting from BTEX exposure in street children. <i>Environmental Research</i> , 2022, 203, 111725.	7.5	10
44	Health consequences of disinfection against SARS-CoV-2: Exploring oxidative stress damage using a biomonitoring approach. <i>Science of the Total Environment</i> , 2022, 814, 152832.	8.0	10
45	Loss processes affecting submicrometer particles in a house heavily affected by road traffic emissions. <i>Aerosol Science and Technology</i> , 2017, 51, 1201-1211.	3.1	9
46	Exposure to per- and polyfluoroalkyl substances and premature skin aging. <i>Journal of Hazardous Materials</i> , 2021, 405, 124256.	12.4	8
47	Field comparison of passive samplers versus UV-photometric analyser to measure surface ozone in a Mediterranean area. <i>Journal of Environmental Monitoring</i> , 2007, 9, 610.	2.1	6
48	Assessing oxidative stress resulting from environmental exposure to metals (Oids) in a middle Eastern population. <i>Environmental Geochemistry and Health</i> , 2022, 44, 2649-2668.	3.4	6
49	Indoor Air as a Contributor to Air Pollution Exposure. <i>Issues in Environmental Science and Technology</i> , 2019, , 158-195.	0.4	4
50	Quality of automatic geocoding tools: a study using addresses from hospital record files in Temuco, Chile. <i>Cadernos De Saude Publica</i> , 2022, 38, e00288920.	1.0	4
51	Ultrafine particle concentrations in the surroundings of an urban area: comparing downwind to upwind conditions using Generalized Additive Models (GAMs). <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2087.	3.5	3
52	Intervention of an Upgraded Ventilation System and Effects of the COVID-19 Lockdown on Air Quality at Birmingham New Street Railway Station. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 575.	2.6	3
53	Proposed interventions to reduce noxious air pollution at Birmingham New Street station. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2020, , 1-6.	0.6	1
54	Emerging investigators: challenges and opportunities for research independence and innovation. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1169.	3.5	0