Juana Maria Delgado-Saborit

List of Publications by Year
in descending order

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	Assessing oxidative stress resulting from environmental exposure to metals (Oids) in a middle Eastern population. Environmental Geochemistry and Health, 2022, 44, 2649-2668.	3.4	6
2	Exploring urinary biomarkers to assess oxidative DNA damage resulting from BTEX exposure in street children. Environmental Research, 2022, 203, 111725.	7.5	10
3	Air pollution and endocrine disruptors induce human microbiome imbalances: A systematic review of recent evidence and possible biological mechanisms. Science of the Total Environment, 2022, 816, 151654.	8.0	27
4	Health consequences of disinfection against SARS-CoV-2: Exploring oxidative stress damage using a biomonitoring approach. Science of the Total Environment, 2022, 814, 152832.	8.0	10
5	Quality of automatic geocoding tools: a study using addresses from hospital record files in Temuco, Chile. Cadernos De Saude Publica, 2022, 38, e00288920.	1.0	4
6	Intervention of an Upgraded Ventilation System and Effects of the COVID-19 Lockdown on Air Quality at Birmingham New Street Railway Station. International Journal of Environmental Research and Public Health, 2022, 19, 575.	2.6	3
7	Adverse pregnancy and perinatal outcomes in Latin America and the Caribbean: systematic review and meta-analysis. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2022, 46, 1.	1.1	11
8	Exposure to per- and polyfluoroalkyl substances and premature skin aging. Journal of Hazardous Materials, 2021, 405, 124256.	12.4	8
9	A critical review of the epidemiological evidence of effects of air pollution on dementia, cognitive function and cognitive decline in adult population. Science of the Total Environment, 2021, 757, 143734.	8.0	110
10	Environmentally Relevant Iron Oxide Nanoparticles Produce Limited Acute Pulmonary Effects in Rats at Realistic Exposure Levels. International Journal of Molecular Sciences, 2021, 22, 556.	4.1	13
11	Environmental chronic exposure to metals and effects on attention and executive function in the general population. Science of the Total Environment, 2020, 705, 135911.	8.0	39
12	Proposed interventions to reduce noxious air pollution at Birmingham New Street station. Proceedings of the Institution of Civil Engineers: Transport, 2020, , 1-6.	0.6	1
13	Chronic exposure to heavy metals from informal e-waste recycling plants and children's attention, executive function and academic performance. Science of the Total Environment, 2020, 717, 137099.	8.0	46
14	Characterization and risk assessment of BTEX in ambient air of a Middle Eastern City. Chemical Engineering Research and Design, 2020, 139, 98-105.	5.6	34
15	Lifestyle and occupational factors affecting exposure to BTEX in municipal solid waste composting facility workers. Science of the Total Environment, 2019, 656, 540-546.	8.0	48
16	Indoor Air as a Contributor to Air Pollution Exposure. Issues in Environmental Science and Technology, 2019, , 158-195.	0.4	4
17	Sensitivity of a Chemical Mass Balance model for PM2.5 to source profiles for differing styles of cooking. Atmospheric Environment, 2018, 178, 282-285.	4.1	15
18	Evaluation of air quality at the Birmingham New Street Railway Station. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2018, 232, 1864-1878.	2.0	16

#	ARTICLE	IF	CITATIONS
19	Use of urinary biomarkers to characterize occupational exposure to BTEX in healthcare waste autoclave operators. Science of the Total Environment, 2018, 631-632, 857-865.	8.0	36
20	Comparison of Machine Learning Approaches with a General Linear Model To Predict Personal Exposure to Benzene. Environmental Science & Technology, 2018, 52, 11215-11222.	10.0	15
21	Environmental and lifestyle factors affecting exposure to polycyclic aromatic hydrocarbons in the general population in a Middle Eastern area. Environmental Pollution, 2018, 240, 781-792.	7.5	63
22	Physical properties and lung deposition of particles emitted from five major indoor sources. Air Quality, Atmosphere and Health, 2017, 10, 1-14.	3.3	75
23	Loss processes affecting submicrometer particles in a house heavily affected by road traffic emissions. Aerosol Science and Technology, 2017, 51, 1201-1211.	3.1	9
24	Occurrence and Potential Sources of Quinones Associated with PM2.5 in Guadalajara, Mexico. Atmosphere, 2017, 8, 140.	2.3	11
25	Source Apportionment of the Lung Dose of Ambient Submicrometre Particulate Matter. Aerosol and Air Quality Research, 2016, 16, 1548-1557.	2.1	13
26	Murine precision-cut lung slices exhibit acute responses following exposure to gasoline direct injection engine emissions. Science of the Total Environment, 2016, 568, 1102-1109.	8.0	23
27	Effects of shisha smoking on carbon monoxide and PM 2.5 concentrations in the indoor and outdoor microenvironment of shisha premises. Science of the Total Environment, 2016, 548-549, 340-346.	8.0	28
28	Characterisation of iron-rich atmospheric submicrometre particles in the roadside environment. Atmospheric Environment, 2016, 140, 167-175.	4.1	70
29	Study of gaseous benzene effects upon A549 lung epithelial cells using a novel exposure system. Toxicology Letters, 2015, 237, 38-45.	0.8	13
30	Factors Affecting the Ambient Physicochemical Properties of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. Aerosol Science and Technology, 2015, 49, 371-380.	3.1	15
31	A review of hygroscopic growth factors of submicron aerosols from different sources and its implication for calculation of lung deposition efficiency of ambient aerosols. Air Quality, Atmosphere and Health, 2015, 8, 429-440.	3.3	43
32	Review: Particle number size distributions from seven major sources and implications for source apportionment studies. Atmospheric Environment, 2015, 122, 114-132.	4.1	179
33	Investigating PAH relative reactivity using congener profiles, quinone measurements and back trajectories. Atmospheric Chemistry and Physics, 2014, 14, 2467-2477.	4.9	53
34	Trends in arsenic levels in PM10 and PM2.5 aerosol fractions in an industrialized area. Environmental Science and Pollution Research, 2014, 21, 695-703.	5.3	21
35	A review of chemical and physical characterisation of atmospheric metallic nanoparticles. Atmospheric Environment, 2014, 94, 353-365.	4.1	134
36	Emerging investigators: challenges and opportunities for research independence and innovation. Environmental Sciences: Processes and Impacts, 2014, 16, 1169.	3.5	0

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37	Near-Road Modeling and Measurement of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. Environmental Science & Technology, 2014, 48, 10607-10613.	10.0	29
38	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. Environmental Science & Technology, 2014, 48, 499-507.	10.0	36
39	Analysis of atmospheric concentrations of quinones and polycyclic aromatic hydrocarbons in vapour and particulate phases. Atmospheric Environment, 2013, 77, 974-982.	4.1	121
40	Emissions and indoor concentrations of particulate matter and its specific chemical components from cooking: A review. Atmospheric Environment, 2013, 71, 260-294.	4.1	397
41	Ultrafine particle concentrations in the surroundings of an urban area: comparing downwind to upwind conditions using Generalized Additive Models (GAMs). Environmental Sciences: Processes and Impacts, 2013, 15, 2087.	3.5	3
42	Using atmospheric measurements of PAH and quinone compounds at roadside and urban background sites to assess sources and reactivity. Atmospheric Environment, 2013, 77, 24-35.	4.1	75
43	Use of real-time sensors to characterise human exposures to combustion related pollutants. Journal of Environmental Monitoring, 2012, 14, 1824.	2.1	44
44	Carcinogenic potential, levels and sources of polycyclic aromatic hydrocarbon mixtures in indoor and outdoor environments and their implications for air quality standards. Environment International, 2011, 37, 383-392.	10.0	170
45	Relationship of personal exposure to volatile organic compounds to home, work and fixed site outdoor concentrations. Science of the Total Environment, 2011, 409, 478-488.	8.0	84
46	Comparative Modeling Approaches for Personal Exposure to Particle-Associated PAH. Environmental Science & Technology, 2010, 44, 9370-9376.	10.0	12
47	Environmental and biological monitoring of exposures to PAHs and ETS in the general population. Environment International, 2010, 36, 763-771.	10.0	92
48	Determination of atmospheric particulate-phase polycyclic aromatic hydrocarbons from low volume air samples. Analytical Methods, 2010, 2, 231.	2.7	41
49	Model Development and Validation of Personal Exposure to Volatile Organic Compound Concentrations. Environmental Health Perspectives, 2009, 117, 1571-1579.	6.0	31
50	Measurement of Personal Exposure to Volatile Organic Compounds and Particle Associated PAH in Three UK Regions. Environmental Science & Technology, 2009, 43, 4582-4588.	10.0	44
51	Assessment of tropospheric ozone effects on citrus crops using passive samplers in a western Mediterranean area. Agriculture, Ecosystems and Environment, 2008, 124, 147-153.	5.3	10
52	Field comparison of passive samplers versus UV-photometric analyser to measure surface ozone in a Mediterranean area. Journal of Environmental Monitoring, 2007, 9, 610.	2.1	6
53	Field Study of Diffusion Collection Rate Coefficients of a No2 Passive Sampler in a Mediterranean Coastal Area. Environmental Monitoring and Assessment, 2006, 120, 327-345.	2.7	14
54	Development and evaluation of personal respirable particulate sampler (PRPS). Atmospheric Environment, 2006, 40, 212-224.	4.1	36