

# Krystal J Godri Pollitt

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,999  
citations

270111

25  
h-index

286692

43  
g-index

67  
all docs

67  
docs citations

67  
times ranked

3293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing the external exposome using passive samplersâ€™ comparative assessment of chemical exposures using different wearable form factors. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2023, 33, 558-565.	1.8	4
2	FluoroMatch 2.0â€™ making automated and comprehensive non-targeted PFAS annotation a reality. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1201-1215.	1.9	48
3	Development and Application of a Polydimethylsiloxane-Based Passive Air Sampler to Assess Personal Exposure to SARS-CoV-2. <i>Environmental Science and Technology Letters</i> , 2022, 9, 153-159.	3.9	18
4	Assessing the External Exposome Using Wearable Passive Samplers and High-Resolution Mass Spectrometry among South African Children Participating in the VHEMBE Study. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2191-2203.	4.6	16
5	Room-level ventilation in schools and universities. <i>Atmospheric Environment: X</i> , 2022, 13, 100152.	0.8	21
6	Predicting Spatial Variations in Multiple Measures of PM <sub>2.5</sub> Oxidative Potential and Magnetite Nanoparticles in Toronto and Montreal, Canada. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7256-7265.	4.6	4
7	Emerging and Legacy Per- and Polyfluoroalkyl Substances in an Elderly Population in Jinan, China: The Exposure Level, Short-Term Variation, and Intake Assessment. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7905-7916.	4.6	11
8	An accessible method for screening aerosol filtration identifies poor-performing commercial masks and respirators. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 943-952.	1.8	15
9	Software Comparison for Nontargeted Analysis of PFAS in AFFF-Contaminated Soil. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 840-846.	1.2	31
10	Exploring the external exposome using wearable passive samplers - The China BAPE study. <i>Environmental Pollution</i> , 2021, 270, 116228.	3.7	30
11	Transitioning to zero-emission bus fleets: state of practice of implementations in the United States. <i>Transport Reviews</i> , 2021, 41, 164-191.	4.7	29
12	Reopening Schools After a Novel Coronavirus Surge. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1318, 785-813.	0.8	6
13	Head, Shoulders, Knees, and Toes: Placement of Wearable Passive Samplers Alters Exposure Profiles Observed. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3796-3806.	4.6	19
14	Use of Exposomic Methods Incorporating Sensors in Environmental Epidemiology. <i>Current Environmental Health Reports</i> , 2021, 8, 34-41.	3.2	21
15	A Novel Technique for Redox Lipidomics Using Mass Spectrometry: Application on Vegetable Oils Used to Fry Potatoes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1798-1809.	1.2	5
16	Solid fuels use for cooking and sleep health in adults aged 45 years and older in China. <i>Scientific Reports</i> , 2021, 11, 13304.	1.6	5
17	Predicting Spatial Variations in Multiple Measures of Oxidative Burden for Outdoor Fine Particulate Air Pollution across Canada. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9750-9760.	4.6	8
18	Yale School of Public Health Symposium: An overview of the challenges and opportunities associated with per- and polyfluoroalkyl substances (PFAS). <i>Science of the Total Environment</i> , 2021, 778, 146192.	3.9	22

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19	Spatial variations in PM <sub>2.5</sub> oxidative potential in Toronto and Montreal, Canada. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
20	50 chemical exposures of concern discovered using wearable passive samplers and gas chromatography high-resolution mass spectrometry in South African children. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
21	FluoroMatch: A Comprehensive Software for Non-Targeted PFAS Analysis. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
22	Personal External Exposomes from Around the World. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
23	Survey of airborne organic compounds in residential communities near a natural gas compressor station: Response to community concern. Environmental Advances, 2021, 5, 100076.	2.2	6
24	Exploring personal chemical exposures in China with wearable air pollutant monitors: A repeated-measure study in healthy older adults in Jinan, China. Environment International, 2021, 156, 106709.	4.8	16
25	The exposome in practice: an exploratory panel study of biomarkers of air pollutant exposure in Chinese people aged 60–69 years (China BAPE Study). Environment International, 2021, 157, 106866.	4.8	21
26	Exposure to organophosphate esters in elderly people: Relationships of OPE body burdens with indoor air and dust concentrations and food consumption. Environment International, 2021, 157, 106803.	4.8	33
27	Use of Untargeted Metabolomics to Explore the Air Pollution-Related Disease Continuum. Current Environmental Health Reports, 2021, 8, 7-22.	3.2	19
28	Telomere length and outcome of treatment for pulmonary tuberculosis in a gold mining community. Scientific Reports, 2021, 11, 4031.	1.6	4
29	Changes in Sewage Sludge Chemical Signatures During a COVID-19 Community Lockdown, Part 2: Nontargeted Analysis of Sludge and Evaluation with COVID-19 Metrics. Environmental Toxicology and Chemistry, 2021, , .	2.2	4
30	Prevalence and Implications of Per- and Polyfluoroalkyl Substances (PFAS) in Settled Dust. Current Environmental Health Reports, 2021, 8, 323-335.	3.2	25
31	Toward Comprehensive Per- and Polyfluoroalkyl Substances Annotation Using FluoroMatch Software and Intelligent High-Resolution Tandem Mass Spectrometry Acquisition. Analytical Chemistry, 2020, 92, 11186-11194.	3.2	63
32	Dried blood spots for the identification of bioaccumulating organic compounds: Current challenges and future perspectives. Current Opinion in Environmental Science and Health, 2020, 15, 66-73.	2.1	6
33	Performance analysis of portable HEPA filters and temporary plastic anterooms on the spread of surrogate coronavirus. Building and Environment, 2020, 183, 107186.	3.0	68
34	Editorial overview: Exposomics, emerging exposures and analytical challenges. Current Opinion in Environmental Science and Health, 2020, 15, A1-A3.	2.1	0
35	Addressing the challenges of E-cigarette safety profiling by assessment of pulmonary toxicological response in bronchial and alveolar mucosa models. Scientific Reports, 2020, 10, 20460.	1.6	20
36	COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. Human Genomics, 2020, 14, 17.	1.4	95

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37	Characterization and comparison of PM <sub>2.5</sub> ; oxidative potential assessed by two acellular assays. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5197-5210.	1.9	46
38	Ambient particulate matter oxidative potential: Chemical determinants, associated health effects, and strategies for risk management. <i>Free Radical Biology and Medicine</i> , 2020, 151, 7-25.	1.3	91
39	The Fresh Air Wristband: A Wearable Air Pollutant Sampler. <i>Environmental Science and Technology Letters</i> , 2020, 7, 308-314.	3.9	56
40	Environmental lipidomics: understanding the response of organisms and ecosystems to a changing world. <i>Metabolomics</i> , 2020, 16, 56.	1.4	24
41	COVID-19 update: the first 6 months of the pandemic. <i>Human Genomics</i> , 2020, 14, 48.	1.4	30
42	1,4-Dioxane as an emerging water contaminant: State of the science and evaluation of research needs. <i>Science of the Total Environment</i> , 2019, 690, 853-866.	3.9	85
43	Biodiesel fuels: A greener diesel? A review from a health perspective. <i>Science of the Total Environment</i> , 2019, 688, 1036-1055.	3.9	50
44	Assessment of the in vitro toxicity of the disinfection byproduct 2,6-dichloro-1,4-benzoquinone and its transformed derivatives. <i>Chemosphere</i> , 2019, 234, 902-908.	4.2	20
45	Long-term leaching of arsenic from pressure-treated playground structures in the northeastern United States. <i>Science of the Total Environment</i> , 2019, 656, 834-842.	3.9	8
46	Carbonaceous aerosol sampling of gasoline direct injection engine exhaust with an integrated organic gas and particle sampler. <i>Science of the Total Environment</i> , 2019, 652, 1261-1269.	3.9	4
47	Assessment of indoor air pollution exposure in urban hospital microenvironments. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 151-159.	1.5	22
48	Biomonitoring-based exposure assessment of benzene, toluene, ethylbenzene and xylene among workers at petroleum distribution facilities. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 19-25.	2.9	51
49	Metals and oxidative potential in urban particulate matter influence systemic inflammatory and neural biomarkers: A controlled exposure study. <i>Environment International</i> , 2018, 121, 1331-1340.	4.8	56
50	Fine Particulate Air Pollution and Adverse Birth Outcomes: Effect Modification by Regional Nonvolatile Oxidative Potential. <i>Environmental Health Perspectives</i> , 2018, 126, 077012.	2.8	66
51	Comparison of Airway Responses Induced in a Mouse Model by the Gas and Particulate Fractions of Gasoline Direct Injection Engine Exhaust. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 429.	1.2	6
52	Assessment of indoor and outdoor particulate air pollution at an urban background site in Iran. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 235.	1.3	16
53	Comparative Cytotoxicity of Six Iodinated Disinfection Byproducts on Nontransformed Epithelial Human Colon Cells. <i>Environmental Science and Technology Letters</i> , 2017, 4, 143-148.	3.9	24
54	BTEX exposure assessment and quantitative risk assessment among petroleum product distributors. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 445-449.	2.9	46

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55	Particulate Oxidative Burden as a Predictor of Exhaled Nitric Oxide in Children with Asthma. <i>Environmental Health Perspectives</i> , 2016, 124, 1616-1622.	2.8	57
56	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.	3.9	23
57	Trace metal exposure is associated with increased exhaled nitric oxide in asthmatic children. <i>Environmental Health</i> , 2016, 15, 94.	1.7	32
58	Fine Particulate Matter and Emergency Room Visits for Respiratory Illness. Effect Modification by Oxidative Potential. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 577-586.	2.5	97
59	The PM 10 fraction of road dust in the UK and India: Characterization, source profiles and oxidative potential. <i>Science of the Total Environment</i> , 2015, 530-531, 445-452.	3.9	96
60	Comparison of three nanoparticle sizing instruments: The influence of particle morphology. <i>Atmospheric Environment</i> , 2014, 86, 140-147.	1.9	52
61	PM2.5, oxidant defence and cardiorespiratory health: a review. <i>Environmental Health</i> , 2013, 12, 40.	1.7	124
62	Analysis of atmospheric concentrations of quinones and polycyclic aromatic hydrocarbons in vapour and particulate phases. <i>Atmospheric Environment</i> , 2013, 77, 974-982.	1.9	121
63	An Accessible Method for Screening Aerosol Filtration Identifies Poor-Performing Commercial Masks and Respirators. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
64	Incorporating Health-Related Criteria for Project Scoring in Massachusetts. <i>Transportation Research Record</i> , 0, , 036119812110570.	1.0	0