Lisa Melymuk

List of Publications by Year
in descending order

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65 papers	3,008 citations	136950 32 h-index	168389 53 g-index
65 all docs	65 docs citations	65 times ranked	2770 citing authors

#	Article	IF	Citations
1	Critical review of analytical methods for the determination of flame retardants in human matrices. Analytica Chimica Acta, 2022, 1193, 338828.	5.4	9
2	The Association between ADHD and Environmental Chemicalsâ€"A Scoping Review. International Journal of Environmental Research and Public Health, 2022, 19, 2849.	2.6	13
3	Parabens and antimicrobial compounds in conventional and â€œgreenâ€•personal care products. Chemosphere, 2022, 297, 134019.	8.2	11
4	Application of a pharmacokinetic model in characterizing sources of polychlorinated biphenyl exposure and determining threshold daily intakes for adverse health effects in infants and toddlers. Science of the Total Environment, 2022, 830, 154734.	8.0	1
5	Persistent Problem: Global Challenges to Managing PCBs. Environmental Science & Technology, 2022, 56, 9029-9040.	10.0	31
6	Personal care product use and lifestyle affect phthalate and DINCH metabolite levels in teenagers and young adults. Environmental Research, 2022, 213, 113675.	7.5	14
7	Removal of per- and polyfluoroalkyl substances from aqueous media using synthesized silver nanocomposite-activated carbons. Journal of Environmental Health Science & Engineering, 2021, 19, 217-236.	3.0	10
8	Hands as Agents of Chemical Transport in the Indoor Environment. Environmental Science and Technology Letters, 2021, 8, 326-332.	8.7	12
9	Endocrine disrupting potential of replacement flame retardants â€“ Review of current knowledge for nuclear receptors associated with reproductive outcomes. Environment International, 2021, 153, 106550.	10.0	26
10	Targeted and suspect screening of plasticizers in house dust to assess cumulative human exposure risk. Science of the Total Environment, 2021, 781, 146667.	8.0	10
11	Calibration of silicone for passive sampling of semivolatile organic contaminants in indoor air. Chemosphere, 2021, 279, 130536.	8.2	9
12	Global intercomparison of polyurethane foam passive air samplers evaluating sources of variability in SVOC measurements. Environmental Science and Policy, 2021, 125, 1-9.	4.9	15
13	Application of land use regression modelling to describe atmospheric levels of semivolatile organic compounds on a national scale. Science of the Total Environment, 2021, 793, 148520.	8.0	5
14	Emerging investigator series: air conditioning filters as a sampler for semi-volatile organic compounds in indoor and near-building air. Environmental Sciences: Processes and Impacts, 2020, 22, 2322-2331.	3.5	4
15	Kinetics, Isotherm, and Thermodynamic Studies of the Adsorption Mechanism of PFOS and PFOA Using Inactivated and Chemically Activated Maize Tassel. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	10
16	Are We Exposed to Halogenated Flame Retardants from both Primary and Secondary Sources?. Environmental Science and Technology Letters, 2020, 7, 585-593.	8.7	16
17	Field- and model-based calibration of polyurethane foam passive air samplers in different climate regions highlights differences in sampler uptake performance. Atmospheric Environment, 2020, 238, 117742.	4.1	13
18	Indoor dust and associated chemical exposures. Current Opinion in Environmental Science and Health, 2020, 15, 1-6.	4.1	37

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19	Prioritization of hazards of novel flame retardants using the mechanistic toxicology information from ToxCast and Adverse Outcome Pathways. Environmental Sciences Europe, 2019, 31, .	5.5	43
20	Urban sources of synthetic musk compounds to the environment. Environmental Sciences: Processes and Impacts, 2019, 21, 74-88.	3.5	36
21	Exposure of Canadian electronic waste dismantlers to flame retardants. Environment International, 2019, 129, 95-104.	10.0	53
22	Linking past uses of legacy SVOCs with today's indoor levels and human exposure. Environment International, 2019, 127, 653-663.	10.0	30
23	Flame retardants and plasticizers in a Canadian waste electrical and electronic equipment (WEEE) dismantling facility. Science of the Total Environment, 2019, 675, 594-603.	8.0	42
24	Forty-five Years of Foam: A Retrospective on Air Sampling with Polyurethane Foam. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 447-449.	2.7	9
25	Spatial gradients of polycyclic aromatic hydrocarbons (PAHs) in air, atmospheric deposition, and surface water of the Ganges River basin. Science of the Total Environment, 2018, 627, 1495-1504.	8.0	50
26	Alternative Flame Retardant, 2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine, in an E-waste Recycling Facility and House Dust in North America. Environmental Science & Technology, 2018, 52, 3599-3607.	10.0	30
27	Estimation of p,pâ€™-DDT degradation in soil by modeling and constraining hydrological and biogeochemical controls. Environmental Pollution, 2018, 239, 179-188.	7.5	4
28	PCBs and organochlorine pesticides in indoor environments - A comparison of indoor contamination in Canada and Czech Republic. Chemosphere, 2018, 206, 622-631.	8.2	56
29	Hexabromocyclododecane: concentrations and isomer profiles from sources to environmental sinks. Environmental Science and Pollution Research, 2018, 25, 36624-36635.	5.3	13
30	Tri(2,4-di-t-butylphenyl) Phosphate: A Previously Unrecognized, Abundant, Ubiquitous Pollutant in the Built and Natural Environment. Environmental Science & Technology, 2018, 52, 12997-13003.	10.0	50
31	A critical assessment of passive air samplers for per- and polyfluoroalkyl substances. Atmospheric Environment, 2018, 185, 186-195.	4.1	26
32	Small-scale spatial variability of flame retardants in indoor dust and implications for dust sampling. Chemosphere, 2018, 206, 132-141.	8.2	22
33	Challenges in the Analysis of Novel Flame Retardants in Indoor Dust: Results of the INTERFLAB 2 Interlaboratory Evaluation. Environmental Science & Technology, 2018, 52, 9295-9303.	10.0	11
34	Characterizing Spatial Diversity of Passive Sampling Sites for Measuring Levels and Trends of Semivolatile Organic Chemicals. Environmental Science & Technology, 2018, 52, 10599-10608.	10.0	11
35	Changes in Flame Retardant and Legacy Contaminant Concentrations in Indoor Air during Building Construction, Furnishing, and Use. Environmental Science & Technology, 2017, 51, 11891-11899.	10.0	34
36	Organochlorine pesticides in the indoor air of a theatre and museum in the Czech Republic: Inhalation exposure and cancer risk. Science of the Total Environment, 2017, 609, 598-606.	8.0	17

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37	Organophosphate esters flame retardants in the indoor environment. Environment International, 2017, 106, 97-104.	10.0	142
38	Uncertainties in monitoring of SVOCs in air caused by within-sampler degradation during active and passive air sampling. Atmospheric Environment, 2017, 167, 553-565.	4.1	17
39	Screening for halogenated flame retardants in European consumer products, building materials and wastes. Chemosphere, 2017, 168, 457-466.	8.2	54
40	Using long-term air monitoring of semi-volatile organic compounds to evaluate the uncertainty in polyurethane-disk passive sampler-derived air concentrations. Environmental Pollution, 2017, 220, 1100-1111.	7.5	33
41	Distribution of legacy and emerging semivolatile organic compounds in five indoor matrices in a residential environment. Chemosphere, 2016, 153, 179-186.	8.2	50
42	Brominated flame retardants in the indoor environment â€" Comparative study of indoor contamination from three countries. Environment International, 2016, 94, 150-160.	10.0	124
43	Screening for perfluoroalkyl acids in consumer products, building materials and wastes. Chemosphere, 2016, 164, 322-329.	8.2	75
44	Perfluorinated alkyl substances (PFASs) in household dust in Central Europe and North America. Environment International, 2016, 94, 315-324.	10.0	87
45	Seasonality and indoor/outdoor relationships of flame retardants and PCBs in residential air. Environmental Pollution, 2016, 218, 392-401.	7.5	34
46	Pesticides in the atmosphere: a comparison of gas-particle partitioning and particle size distribution of legacy and current-use pesticides. Atmospheric Chemistry and Physics, 2016, 16, 1531-1544.	4.9	67
47	Sampling artifacts in active air sampling of semivolatile organic contaminants: Comparing theoretical and measured artifacts and evaluating implications for monitoring networks. Environmental Pollution, 2016, 217, 97-106.	7.5	54
48	Interlaboratory study of novel halogenated flame retardants: INTERFLAB. Analytical and Bioanalytical Chemistry, 2015, 407, 6759-6769.	3.7	18
49	Melting Himalayan glaciers contaminated by legacy atmospheric depositions are important sources of PCBs and high-molecular-weight PAHs for the Ganges floodplain during dry periods. Environmental Pollution, 2015, 206, 588-596.	7.5	44
50	Current Challenges in Air Sampling of Semivolatile Organic Contaminants: Sampling Artifacts and Their Influence on Data Comparability. Environmental Science & Technology, 2014, 48, 14077-14091.	10.0	111
51	Particle Size Distribution of Halogenated Flame Retardants and Implications for Atmospheric Deposition and Transport. Environmental Science & Technology, 2014, 48, 14426-14434.	10.0	71
52	From the City to the Lake: Loadings of PCBs, PBDEs, PAHs and PCMs from Toronto to Lake Ontario. Environmental Science & Technology, 2014, 48, 3732-3741.	10.0	78
53	Dispersion modeling of selected PAHs in urban air: A new approach combining dispersion model with GIS and passive air sampling. Atmospheric Environment, 2014, 96, 88-95.	4.1	8
54	Size specific distribution of the atmospheric particulate PCDD/Fs, dl-PCBs and PAHs on a seasonal scale: Implications for cancer risks from inhalation. Atmospheric Environment, 2014, 98, 410-416.	4.1	55

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55	Wet deposition of brominated flame retardants to the Great Lakes basin â€“ Status and trends. Environmental Pollution, 2013, 182, 299-306.	7.5	13
56	Application of Land Use Regression to Identify Sources and Assess Spatial Variation in Urban SVOC Concentrations. Environmental Science & Technology, 2013, 47, 1887-1895.	10.0	39
57	Perfluoroalkyl Contaminants in Lake Ontario Lake Trout: Detailed Examination of Current Status and Long-Term Trends. Environmental Science & Technology, 2012, 46, 5842-5850.	10.0	42
58	PCBs, PBDEs, and PAHs in Toronto air: Spatial and seasonal trends and implications for contaminant transport. Science of the Total Environment, 2012, 429, 272-280.	8.0	122
59	Evaluation of passive air sampler calibrations: Selection of sampling rates and implications for the measurement of persistent organic pollutants in air. Atmospheric Environment, 2011, 45, 1867-1875.	4.1	111
60	Wet deposition loadings of organic contaminants to Lake Ontario: Assessing the influence of precipitation from urban and rural sites. Atmospheric Environment, 2011, 45, 5042-5049.	4.1	32
61	Estimation of PCB Stocks, Emissions, and Urban Fate: Will our Policies Reduce Concentrations and Exposure?. Environmental Science & Technology, 2010, 44, 2777-2783.	10.0	148
62	Continuing sources of PCBs: The significance of building sealants. Environment International, 2010, 36, 506-513.	10.0	59
63	Polychlorinated biphenyls in domestic dust from Canada, New Zealand, United Kingdom and United States: Implications for human exposure. Chemosphere, 2009, 76, 232-238.	8.2	102
64	Hexabromocyclododecanes In Indoor Dust From Canada, the United Kingdom, and the United States. Environmental Science & Technology, 2008, 42, 459-464.	10.0	135
65	Polybrominated diphenyl ethers in domestic indoor dust from Canada, New Zealand, United Kingdom and United States. Environment International, 2008, 34, 232-238.	10.0	300