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	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
2	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
3	Organophosphate esters flame retardants in the indoor environment. Environment International, 2017, 106, 97-104.	10.0	142
4	Hexabromocyclododecanes In Indoor Dust From Canada, the United Kingdom, and the United States. Environmental Science & Technology, 2008, 42, 459-464.	10.0	135
5	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
6	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
7	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
8	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
9	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
10	Perfluorinated alkyl substances (PFASs) in household dust in Central Europe and North America. Environment International, 2016, 94, 315-324.	10.0	87
11	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
12	Screening for perfluoroalkyl acids in consumer products, building materials and wastes. Chemosphere, 2016, 164, 322-329.	8.2	75
13	Particle Size Distribution of Halogenated Flame Retardants and Implications for Atmospheric Deposition and Transport. Environmental Science & Technology, 2014, 48, 14426-14434.	10.0	71
14	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
15	Continuing sources of PCBs: The significance of building sealants. Environment International, 2010, 36, 506-513.	10.0	59
16	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
17	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
18	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

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19	Screening for halogenated flame retardants in European consumer products, building materials and wastes. Chemosphere, 2017, 168, 457-466.	8.2	54
20	Exposure of Canadian electronic waste dismantlers to flame retardants. Environment International, 2019, 129, 95-104.	10.0	53
21	Distribution of legacy and emerging semivolatile organic compounds in five indoor matrices in a residential environment. Chemosphere, 2016, 153, 179-186.	8.2	50
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Indoor dust and associated chemical exposures. Current Opinion in Environmental Science and Health, 2020, 15, 1-6.	4.1	37
30	Urban sources of synthetic musk compounds to the environment. Environmental Sciences: Processes and Impacts, 2019, 21, 74-88.	3.5	36
31	Seasonality and indoor/outdoor relationships of flame retardants and PCBs in residential air. Environmental Pollution, 2016, 218, 392-401.	7.5	34
32	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
33	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
34	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
35	Persistent Problem: Global Challenges to Managing PCBs. Environmental Science & Technology, 2022, 56, 9029-9040.	10.0	31
36	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

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37	Linking past uses of legacy SVOCs with today's indoor levels and human exposure. Environment International, 2019, 127, 653-663.	10.0	30
38	A critical assessment of passive air samplers for per- and polyfluoroalkyl substances. Atmospheric Environment, 2018, 185, 186-195.	4.1	26
39	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
40	Small-scale spatial variability of flame retardants in indoor dust and implications for dust sampling. Chemosphere, 2018, 206, 132-141.	8.2	22
41	Interlaboratory study of novel halogenated flame retardants: INTERFLAB. Analytical and Bioanalytical Chemistry, 2015, 407, 6759-6769.	3.7	18
42	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
43	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
44	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
45	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
46	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
47	Wet deposition of brominated flame retardants to the Great Lakes basin â€“ Status and trends. Environmental Pollution, 2013, 182, 299-306.	7.5	13
48	Hexabromocyclododecane: concentrations and isomer profiles from sources to environmental sinks. Environmental Science and Pollution Research, 2018, 25, 36624-36635.	5.3	13
49	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
50	The Association between ADHD and Environmental Chemicalsâ€”A Scoping Review. International Journal of Environmental Research and Public Health, 2022, 19, 2849.	2.6	13
51	Hands as Agents of Chemical Transport in the Indoor Environment. Environmental Science and Technology Letters, 2021, 8, 326-332.	8.7	12
52	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
53	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
54	Parabens and antimicrobial compounds in conventional and â€œgreenâ€•personal care products. Chemosphere, 2022, 297, 134019.	8.2	11

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55	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
56	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
57	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
58	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
59	Critical review of analytical methods for the determination of flame retardants in human matrices. Analytica Chimica Acta, 2022, 1193, 338828.	5.4	9
60	Calibration of silicone for passive sampling of semivolatile organic contaminants in indoor air. Chemosphere, 2021, 279, 130536.	8.2	9
61	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
62	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
63	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
64	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
65	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