Kim A Anderson

List of Publications by Year
in descending order

94 papers	3,679 citations	136950 32 h-index	144013 57 g-index
94 all docs	94 docs citations	94 times ranked	3927 citing authors

#	Article	IF	Citations
1	Determining chemical air equivalency using silicone personal monitors. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 268-279.	3.9	12
2	Preschool-Age Children's Pesticide Exposures in Child Care Centers and at Home in Northern California. Journal of Pediatric Health Care, 2022, 36, 34-45.	1.2	9
3	Chemical exposures assessed via silicone wristbands and endogenous plasma metabolomics during pregnancy. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 259-267.	3.9	5
4	Firefighter exposures to potential endocrine disrupting chemicals measured by military-style silicone dog tags. Environment International, 2022, 158, 106914.	10.0	9
5	Benzo[a]pyrene (BaP) metabolites predominant in human plasma following escalating oral micro-dosing with [14C]-BaP. Environment International, 2022, 159, 107045.	10.0	16
6	Evaluating predictive relationships between wristbands and urine for assessment of personal PAH exposure. Environment International, 2022, 163, 107226.	10.0	9
7	A Comparative Multi-System Approach to Characterizing Bioactivity of Commonly Occurring Chemicals. International Journal of Environmental Research and Public Health, 2022, 19, 3829.	2.6	1
8	Designing Equitable, Transparent, Community-engaged Disaster Research. Citizen Science: Theory and Practice, 2022, 7, .	1.2	4
9	Associating Increased Chemical Exposure to Hurricane Harvey in a Longitudinal Panel Using Silicone Wristbands. International Journal of Environmental Research and Public Health, 2022, 19, 6670.	2.6	7
10	Comparing impact of pesticide exposure on cognitive abilities of Latinx children from rural farmworker and urban non-farmworker families in North Carolina.. Neurotoxicology and Teratology, 2022, 92, 107106.	2.4	6
11	Silicone wristbands as personal passive sampling devices: Current knowledge, recommendations for use, and future directions. Environment International, 2022, 169, 107339.	10.0	24
12	Wildfire Impact on Indoor and Outdoor PAH Air Quality. Environmental Science & Technology, 2022, 56, 10042-10052.	10.0	14
13	Nicotine, Cotinine, and Tobacco-Specific Nitrosamines Measured in Childrenâ€™s Silicone Wristbands in Relation to Secondhand Smoke and E-cigarette Vapor Exposure. Nicotine and Tobacco Research, 2021, 23, 592-599.	2.6	20
14	Improvements in identification and quantitation of alkylated PAHs and forensic ratio sourcing. Analytical and Bioanalytical Chemistry, 2021, 413, 1651-1664.	3.7	14
15	Pesticide exposure among Latinx children: Comparison of children in rural, farmworker and urban, non-farmworker communities. Science of the Total Environment, 2021, 763, 144233.	8.0	25
16	Pesticide exposure among Latinx child farmworkers in North Carolina. American Journal of Industrial Medicine, 2021, 64, 602-619.	2.1	6
17	Exposure to an Environmental Mixture of Polycyclic Aromatic Hydrocarbons Induces Hepatic Cytochrome P450 Enzymes in Mice. Chemical Research in Toxicology, 2021, 34, 2145-2156.	3.3	10
18	Assessment of Multipollutant Exposures During Pregnancy Using Silicone Wristbands. Frontiers in Public Health, 2020, 8, 547239.	2.7	25

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19	Environmental surveillance and adverse neonatal health outcomes in foals born near unconventional natural gas development activity. Science of the Total Environment, 2020, 731, 138497.	8.0	7
20	Discovery of firefighter chemical exposures using military-style silicone dog tags. Environment International, 2020, 142, 105818.	10.0	26
21	Silicone Pet Tags Associate Tris(1,3-dichloro-2-isopropyl) Phosphate Exposures with Feline Hyperthyroidism. Environmental Science & Technology, 2019, 53, 9203-9213.	10.0	25
22	Development of an environmental health tool linking chemical exposures, physical location and lung function. BMC Public Health, 2019, 19, 854.	2.9	16
23	A passive sampling model to predict PAHs in butter clams (Saxidomus giganteus), a traditional food source for Native American tribes of the Salish Sea Region. Marine Pollution Bulletin, 2019, 145, 28-35.	5.0	8
24	Artificial turf: chemical flux and development of silicone wristband partitioning coefficients. Air Quality, Atmosphere and Health, 2019, 12, 597-611.	3.3	18
25	Discovery of common chemical exposures across three continents using silicone wristbands. Royal Society Open Science, 2019, 6, 181836.	2.4	56
26	A Case Study Describing a Community-Engaged Approach for Evaluating Polycyclic Aromatic Hydrocarbon Exposure in a Native American Community. International Journal of Environmental Research and Public Health, 2019, 16, 327.	2.6	26
27	Nicotine levels in silicone wristband samplers worn by children exposed to secondhand smoke and electronic cigarette vapor are highly correlated with childâ€™s urinary cotinine. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 733-741.	3.9	47
28	Indoor versus Outdoor Air Quality during Wildfires. Environmental Science and Technology Letters, 2019, 6, 696-701.	8.7	23
29	Toxicokinetics of benzo[a]pyrene in humans: Extensive metabolism as determined by UPLC-accelerator mass spectrometry following oral micro-dosing. Toxicology and Applied Pharmacology, 2019, 364, 97-105.	2.8	23
30	Differential exposure to organophosphate flame retardants in mother-child pairs. Chemosphere, 2019, 219, 567-573.	8.2	60
31	Determinants of pesticide concentrations in silicone wristbands worn by Latina adolescent girls in a California farmworker community: The COSECHA youth participatory action study. Science of the Total Environment, 2019, 652, 1022-1029.	8.0	50
32	Considerations for Measuring Exposure to Chemical Mixtures. , 2018, , 37-80.		4
33	Pharmacokinetics of [14C]-Benzo[a]pyrene (BaP) in humans: Impact of Co-Administration of smoked salmon and BaP dietary restriction. Food and Chemical Toxicology, 2018, 115, 136-147.	3.6	20
34	Silicone wristbands compared with traditional polycyclic aromatic hydrocarbon exposure assessment methods. Analytical and Bioanalytical Chemistry, 2018, 410, 3059-3071.	3.7	85
35	Systematic developmental neurotoxicity assessment of a representative PAH Superfund mixture using zebrafish. Toxicology and Applied Pharmacology, 2018, 354, 115-125.	2.8	65
36	Development of quantitative screen for 1550 chemicals with GC-MS. Analytical and Bioanalytical Chemistry, 2018, 410, 3101-3110.	3.7	37

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37	Environmental and individual PAH exposures near rural natural gas extraction. Environmental Pollution, 2018, 241, 397-405.	7.5	54
38	Diffusive flux of PAHs across sedimentâ€“water and waterâ€“air interfaces at urban superfund sites. Environmental Toxicology and Chemistry, 2017, 36, 2281-2289.	4.3	22
39	Air-water exchange of PAHs and OPAHs at a superfund mega-site. Science of the Total Environment, 2017, 603-604, 676-686.	8.0	23
40	Assessing the Exposome with External Measures: Commentary on the State of the Science and Research Recommendations. Annual Review of Public Health, 2017, 38, 215-239.	17.4	83
41	Assessing soil-air partitioning of PAHs and PCBs with a new fugacity passive sampler. Science of the Total Environment, 2017, 596-597, 293-302.	8.0	13
42	Using passive sampling and zebrafish to identify developmental toxicants in complex mixtures. Environmental Toxicology and Chemistry, 2017, 36, 2290-2298.	4.3	13
43	Preparation and performance features of wristband samplers and considerations for chemical exposure assessment. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 551-559.	3.9	93
44	Personal samplers of bioavailable pesticides integrated with a hair follicle assay of DNA damage to assess environmental exposures and their associated risks in children. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 822, 27-33.	1.7	40
45	Multi-class chemical exposure in rural Peru using silicone wristbands. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 560-568.	3.9	67
46	Cross-sectional study of social behaviors in preschool children and exposure to flame retardants. Environmental Health, 2017, 16, 23.	4.0	77
47	An Alternative Method to Produce Shikimic Acid Chemical Feedstock by Applying Glyphosate to Forage Crops. Crop Science, 2017, 57, 945-950.	1.8	4
48	PAH and OPAH Flux during the Deepwater Horizon Incident. Environmental Science & Technology, 2016, 50, 7489-7497.	10.0	32
49	Silicone wristbands detect individuals' pesticide exposures in West Africa. Royal Society Open Science, 2016, 3, 160433.	2.4	80
50	Emissions of Polycyclic Aromatic Hydrocarbons from Natural Gas Extraction into Air. Environmental Science & Technology, 2016, 50, 7921-7929.	10.0	51
51	Relations of Preschoolers' Visual-Motor and Object Manipulation Skills With Executive Function and Social Behavior. Research Quarterly for Exercise and Sport, 2016, 87, 396-407.	1.4	36
52	Transport stability of pesticides and PAHs sequestered in polyethylene passive sampling devices. Environmental Science and Pollution Research, 2016, 23, 12392-12399.	5.3	21
53	PAH Accessibility in Particulate Matter from Road-Impacted Environments. Environmental Science & Technology, 2016, 50, 7964-7972.	10.0	24
54	Completing the Link between Exposure Science and Toxicology for Improved Environmental Health Decision Making: The Aggregate Exposure Pathway Framework. Environmental Science & Technology, 2016, 50, 4579-4586.	10.0	96

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55	Measuring Personal Exposure to Organophosphate Flame Retardants Using Silicone Wristbands and Hand Wipes. Environmental Science & Technology, 2016, 50, 4483-4491.	10.0	176
56	Passive samplers accurately predict PAH levels in resident crayfish. Science of the Total Environment, 2016, 544, 782-791.	8.0	21
57	Using silicone wristbands to evaluate preschool children's exposure to flame retardants. Environmental Research, 2016, 147, 365-372.	7.5	89
58	A Community-Based Approach to Developing a Mobile Device for Measuring Ambient Air Exposure, Location, and Respiratory Health. Environmental Justice, 2015, 8, 126-134.	1.5	15
59	Impact of Natural Gas Extraction on PAH Levels in Ambient Air. Environmental Science & Technology, 2015, 49, 5203-5210.	10.0	31
60	Modified ion source triple quadrupole mass spectrometer gas chromatograph for polycyclic aromatic hydrocarbon analyses. Journal of Chromatography A, 2015, 1419, 89-98.	3.7	46
61	In vivo contaminant partitioning to silicone implants: Implications for use in biomonitoring and body burden. Environment International, 2015, 85, 182-188.	10.0	9
62	Polycyclic Aromatic Hydrocarbon (PAH) and Oxygenated PAH (OPAH) Airâ€"Water Exchange during the Deepwater Horizon Oil Spill. Environmental Science & Technology, 2015, 49, 141-149.	10.0	18
63	Passive sampling coupled to ultraviolet irradiation: A useful analytical approach for studying oxygenated polycyclic aromatic hydrocarbon formation in bioavailable mixtures. Environmental Toxicology and Chemistry, 2014, 33, 177-181.	4.3	4
64	Silicone Wristbands as Personal Passive Samplers. Environmental Science & Technology, 2014, 48, 3327-3335.	10.0	186
65	Passive sampling methods for contaminated sediments: Risk assessment and management. Integrated Environmental Assessment and Management, 2014, 10, 224-236.	2.9	46
66	Passive sampling devices enable capacity building and characterization of bioavailable pesticide along the Niger, Senegal and Bani Rivers of Africa. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130110.	4.0	36
67	Predicting Polycyclic Aromatic Hydrocarbon Concentrations in Resident Aquatic Organisms Using Passive Samplers and Partial Least-Squares Calibration. Environmental Science & Technology, 2014, 48, 6291-6299.	10.0	21
68	Improvements in pollutant monitoring: Optimizing silicone for co-deployment with polyethylene passive sampling devices. Environmental Pollution, 2014, 193, 71-78.	7.5	27
69	Inter-laboratory validation of bioaccessibility testing for metals. Regulatory Toxicology and Pharmacology, 2014, 70, 170-181.	2.7	33
70	Response to Comment on â€œSilicone Wristbands as Personal Passive Samplersâ€• Environmental Science & Technology, 2014, 48, 8927-8927.	10.0	2
71	Bioaccessibility of metals in alloys: Evaluation of three surrogate biofluids. Environmental Pollution, 2014, 185, 52-58.	7.5	33
72	An analytical investigation of 24 oxygenated-PAHs (OPAHs) using liquid and gas chromatographyâ€"mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 8885-8896.	3.7	35

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73	Comparative developmental toxicity of environmentally relevant oxygenated PAHs. Toxicology and Applied Pharmacology, 2013, 271, 266-275.	2.8	164
74	Bridging environmental mixtures and toxic effects. Environmental Toxicology and Chemistry, 2012, 31, 2877-2887.	4.3	25
75	An approach for calculating a confidence interval from a single aquatic sample for monitoring hydrophobic organic contaminants. Environmental Toxicology and Chemistry, 2012, 31, 2888-2892.	4.3	7
76	Effect of Native American Fish Smoking Methods on Dietary Exposure to Polycyclic Aromatic Hydrocarbons and Possible Risks to Human Health. Journal of Agricultural and Food Chemistry, 2012, 60, 6899-6906.	5.2	34
77	Impact of the Deepwater Horizon Oil Spill on Bioavailable Polycyclic Aromatic Hydrocarbons in Gulf of Mexico Coastal Waters. Environmental Science & Technology, 2012, 46, 2033-2039.	10.0	299
78	Determination of Parent and Substituted Polycyclic Aromatic Hydrocarbons in High-Fat Salmon Using a Modified QuEChERS Extraction, Dispersive SPE and GCâ€"MS. Journal of Agricultural and Food Chemistry, 2011, 59, 8108-8116.	5.2	107
79	Preliminary physiologically based pharmacokinetic models for benzo[a]pyrene and dibenzo[def,p]chrysene in rodents. Toxicology and Applied Pharmacology, 2011, 257, 365-376.	2.8	33
80	Estimating risk at a Superfund site using passive sampling devices as biological surrogates in human health risk models. Chemosphere, 2011, 85, 920-927.	8.2	20
81	Ketone and quinoneâ€substituted polycyclic aromatic hydrocarbons in mussel tissue, sediment, urban dust, and diesel particulate matrices. Environmental Toxicology and Chemistry, 2010, 29, 2450-2460.	4.3	86
82	Effect of dibenzopyrene measurement on assessing air quality in Beijing air and possible implications for human health. Journal of Environmental Monitoring, 2010, 12, 2290.	2.1	25
83	Exploiting lipid-free tubing passive samplers and embryonic zebrafish to link site specific contaminant mixtures to biological responses. Chemosphere, 2010, 79, 1-7.	8.2	13
84	DGT estimates cadmium accumulation in wheat and potato from phosphate fertilizer applications. Science of the Total Environment, 2009, 407, 5096-5103.	8.0	69
85	Soilâ€diffusive gradient in thin films partition coefficients estimate metal bioavailability to crops at fertilized field sites. Environmental Toxicology and Chemistry, 2009, 28, 2030-2037.	4.3	8
86	Field Trial and Modeling of Uptake Rates of In Situ Lipid-Free Polyethylene Membrane Passive Sampler. Environmental Science & Technology, 2008, 42, 4486-4493.	10.0	50
87	Spatial and Temporal Variation of Freely Dissolved Polycyclic Aromatic Hydrocarbons in an Urban River Undergoing Superfund Remediation. Environmental Science & Technology, 2008, 42, 9065-9071.	10.0	39
88	Temporal Bioavailability of Organochlorine Pesticides and PCBs. Environmental Science & Technology, 2006, 40, 3689-3695.	10.0	22
89	Analytical Method for Dimethenamid-P in Selected Raw Agricultural Commodities by Gas Chromatography with Electron Capture Detection. Journal of AOAC INTERNATIONAL, 2005, 88, 1428-1432.	1.5	4
90	Analytical method for dimethenamid-P in selected raw agricultural commodities by gas chromatography with electron capture detection. Journal of AOAC INTERNATIONAL, 2005, 88, 1428-32.	1.5	0

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91	Chemical Profiling To Differentiate Geographic Growing Origins of Coffee. Journal of Agricultural and Food Chemistry, 2002, 50, 2068-2075.	5.2	156
92	Analytical method for determination of shikimic acid: shikimic acid proportional to glyphosate application rates. Communications in Soil Science and Plant Analysis, 2001, 32, 2831-2840.	1.4	20
93	Bioavailable Organochlorine Pesticides in a Semi-Arid Region of Eastern Oregon, USA, as Determined by Gas Chromatography with Electron-Capture Detection. Journal of AOAC INTERNATIONAL, 2001, 84, 1371-1382.	1.5	6
94	Speciation of Iodide, Iodine, and Iodate in Environmental Matrixes by Inductively Coupled Plasma Atomic Emission Spectrometry Using in situ Chemical Manipulation. Journal of AOAC INTERNATIONAL, 2000, 83, 225-230.	1.5	23