

Kim A Anderson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4913038/publications.pdf>

Version: 2024-02-01

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	Impact of the Deepwater Horizon Oil Spill on Bioavailable Polycyclic Aromatic Hydrocarbons in Gulf of Mexico Coastal Waters. <i>Environmental Science & Technology</i> , 2012, 46, 2033-2039.	10.0	299
2	Silicone Wristbands as Personal Passive Samplers. <i>Environmental Science & Technology</i> , 2014, 48, 3327-3335.	10.0	186
3	Measuring Personal Exposure to Organophosphate Flame Retardants Using Silicone Wristbands and Hand Wipes. <i>Environmental Science & Technology</i> , 2016, 50, 4483-4491.	10.0	176
4	Comparative developmental toxicity of environmentally relevant oxygenated PAHs. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 266-275.	2.8	164
5	Chemical Profiling To Differentiate Geographic Growing Origins of Coffee. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2068-2075.	5.2	156
6	Determination of Parent and Substituted Polycyclic Aromatic Hydrocarbons in High-Fat Salmon Using a Modified QuEChERS Extraction, Dispersive SPE and GC-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8108-8116.	5.2	107
7	Completing the Link between Exposure Science and Toxicology for Improved Environmental Health Decision Making: The Aggregate Exposure Pathway Framework. <i>Environmental Science & Technology</i> , 2016, 50, 4579-4586.	10.0	96
8	Preparation and performance features of wristband samplers and considerations for chemical exposure assessment. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 551-559.	3.9	93
9	Using silicone wristbands to evaluate preschool children's exposure to flame retardants. <i>Environmental Research</i> , 2016, 147, 365-372.	7.5	89
10	Ketone and quinone-substituted polycyclic aromatic hydrocarbons in mussel tissue, sediment, urban dust, and diesel particulate matrices. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2450-2460.	4.3	86
11	Silicone wristbands compared with traditional polycyclic aromatic hydrocarbon exposure assessment methods. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3059-3071.	3.7	85
12	Assessing the Exposome with External Measures: Commentary on the State of the Science and Research Recommendations. <i>Annual Review of Public Health</i> , 2017, 38, 215-239.	17.4	83
13	Silicone wristbands detect individuals' pesticide exposures in West Africa. <i>Royal Society Open Science</i> , 2016, 3, 160433.	2.4	80
14	Cross-sectional study of social behaviors in preschool children and exposure to flame retardants. <i>Environmental Health</i> , 2017, 16, 23.	4.0	77
15	DGT estimates cadmium accumulation in wheat and potato from phosphate fertilizer applications. <i>Science of the Total Environment</i> , 2009, 407, 5096-5103.	8.0	69
16	Multi-class chemical exposure in rural Peru using silicone wristbands. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 560-568.	3.9	67
17	Systematic developmental neurotoxicity assessment of a representative PAH Superfund mixture using zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 115-125.	2.8	65
18	Differential exposure to organophosphate flame retardants in mother-child pairs. <i>Chemosphere</i> , 2019, 219, 567-573.	8.2	60

#	ARTICLE	IF	CITATIONS
19	Discovery of common chemical exposures across three continents using silicone wristbands. <i>Royal Society Open Science</i> , 2019, 6, 181836.	2.4	56
20	Environmental and individual PAH exposures near rural natural gas extraction. <i>Environmental Pollution</i> , 2018, 241, 397-405.	7.5	54
21	Emissions of Polycyclic Aromatic Hydrocarbons from Natural Gas Extraction into Air. <i>Environmental Science & Technology</i> , 2016, 50, 7921-7929.	10.0	51
22	Field Trial and Modeling of Uptake Rates of In Situ Lipid-Free Polyethylene Membrane Passive Sampler. <i>Environmental Science & Technology</i> , 2008, 42, 4486-4493.	10.0	50
23	Determinants of pesticide concentrations in silicone wristbands worn by Latina adolescent girls in a California farmworker community: The COSECHA youth participatory action study. <i>Science of the Total Environment</i> , 2019, 652, 1022-1029.	8.0	50
24	Nicotine levels in silicone wristband samplers worn by children exposed to secondhand smoke and electronic cigarette vapor are highly correlated with child's urinary cotinine. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 733-741.	3.9	47
25	Passive sampling methods for contaminated sediments: Risk assessment and management. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 224-236.	2.9	46
26	Modified ion source triple quadrupole mass spectrometer gas chromatograph for polycyclic aromatic hydrocarbon analyses. <i>Journal of Chromatography A</i> , 2015, 1419, 89-98.	3.7	46
27	Personal samplers of bioavailable pesticides integrated with a hair follicle assay of DNA damage to assess environmental exposures and their associated risks in children. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 822, 27-33.	1.7	40
28	Spatial and Temporal Variation of Freely Dissolved Polycyclic Aromatic Hydrocarbons in an Urban River Undergoing Superfund Remediation. <i>Environmental Science & Technology</i> , 2008, 42, 9065-9071.	10.0	39
29	Development of quantitative screen for 1550 chemicals with GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3101-3110.	3.7	37
30	Passive sampling devices enable capacity building and characterization of bioavailable pesticide along the Niger, Senegal and Bani Rivers of Africa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130110.	4.0	36
31	Relations of Preschoolers' Visual-Motor and Object Manipulation Skills With Executive Function and Social Behavior. <i>Research Quarterly for Exercise and Sport</i> , 2016, 87, 396-407.	1.4	36
32	An analytical investigation of 24 oxygenated-PAHs (OPAHs) using liquid and gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8885-8896.	3.7	35
33	Effect of Native American Fish Smoking Methods on Dietary Exposure to Polycyclic Aromatic Hydrocarbons and Possible Risks to Human Health. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6899-6906.	5.2	34
34	Preliminary physiologically based pharmacokinetic models for benzo[a]pyrene and dibenzo[def,p]chrysene in rodents. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 365-376.	2.8	33
35	Inter-laboratory validation of bioaccessibility testing for metals. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 170-181.	2.7	33
36	Bioaccessibility of metals in alloys: Evaluation of three surrogate biofluids. <i>Environmental Pollution</i> , 2014, 185, 52-58.	7.5	33

#	ARTICLE	IF	CITATIONS
37	PAH and OPAH Flux during the Deepwater Horizon Incident. <i>Environmental Science & Technology</i> , 2016, 50, 7489-7497.	10.0	32
38	Impact of Natural Gas Extraction on PAH Levels in Ambient Air. <i>Environmental Science & Technology</i> , 2015, 49, 5203-5210.	10.0	31
39	Improvements in pollutant monitoring: Optimizing silicone for co-deployment with polyethylene passive sampling devices. <i>Environmental Pollution</i> , 2014, 193, 71-78.	7.5	27
40	A Case Study Describing a Community-Engaged Approach for Evaluating Polycyclic Aromatic Hydrocarbon Exposure in a Native American Community. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 327.	2.6	26
41	Discovery of firefighter chemical exposures using military-style silicone dog tags. <i>Environment International</i> , 2020, 142, 105818.	10.0	26
42	Effect of dibenzopyrene measurement on assessing air quality in Beijing air and possible implications for human health. <i>Journal of Environmental Monitoring</i> , 2010, 12, 2290.	2.1	25
43	Bridging environmental mixtures and toxic effects. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2877-2887.	4.3	25
44	Silicone Pet Tags Associate Tris(1,3-dichloro-2-isopropyl) Phosphate Exposures with Feline Hyperthyroidism. <i>Environmental Science & Technology</i> , 2019, 53, 9203-9213.	10.0	25
45	Assessment of Multipollutant Exposures During Pregnancy Using Silicone Wristbands. <i>Frontiers in Public Health</i> , 2020, 8, 547239.	2.7	25
46	Pesticide exposure among Latinx children: Comparison of children in rural, farmworker and urban, non-farmworker communities. <i>Science of the Total Environment</i> , 2021, 763, 144233.	8.0	25
47	PAH Accessibility in Particulate Matter from Road-Impacted Environments. <i>Environmental Science & Technology</i> , 2016, 50, 7964-7972.	10.0	24
48	Silicone wristbands as personal passive sampling devices: Current knowledge, recommendations for use, and future directions. <i>Environment International</i> , 2022, 169, 107339.	10.0	24
49	Speciation of Iodide, Iodine, and Iodate in Environmental Matrixes by Inductively Coupled Plasma Atomic Emission Spectrometry Using in situ Chemical Manipulation. <i>Journal of AOAC INTERNATIONAL</i> , 2000, 83, 225-230.	1.5	23
50	Air-water exchange of PAHs and OPAHs at a superfund mega-site. <i>Science of the Total Environment</i> , 2017, 603-604, 676-686.	8.0	23
51	Indoor versus Outdoor Air Quality during Wildfires. <i>Environmental Science and Technology Letters</i> , 2019, 6, 696-701.	8.7	23
52	Toxicokinetics of benzo[a]pyrene in humans: Extensive metabolism as determined by UPLC-accelerator mass spectrometry following oral micro-dosing. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 97-105.	2.8	23
53	Temporal Bioavailability of Organochlorine Pesticides and PCBs. <i>Environmental Science & Technology</i> , 2006, 40, 3689-3695.	10.0	22
54	Diffusive flux of PAHs across sediment-water and water-air interfaces at urban superfund sites. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2281-2289.	4.3	22

#	ARTICLE	IF	CITATIONS
55	Predicting Polycyclic Aromatic Hydrocarbon Concentrations in Resident Aquatic Organisms Using Passive Samplers and Partial Least-Squares Calibration. <i>Environmental Science & Technology</i> , 2014, 48, 6291-6299.	10.0	21
56	Transport stability of pesticides and PAHs sequestered in polyethylene passive sampling devices. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12392-12399.	5.3	21
57	Passive samplers accurately predict PAH levels in resident crayfish. <i>Science of the Total Environment</i> , 2016, 544, 782-791.	8.0	21
58	Analytical method for determination of shikimic acid: shikimic acid proportional to glyphosate application rates. <i>Communications in Soil Science and Plant Analysis</i> , 2001, 32, 2831-2840.	1.4	20
59	Estimating risk at a Superfund site using passive sampling devices as biological surrogates in human health risk models. <i>Chemosphere</i> , 2011, 85, 920-927.	8.2	20
60	Pharmacokinetics of [¹⁴ C]-Benzo[a]pyrene (BaP) in humans: Impact of Co-Administration of smoked salmon and BaP dietary restriction. <i>Food and Chemical Toxicology</i> , 2018, 115, 136-147.	3.6	20
61	Nicotine, Cotinine, and Tobacco-Specific Nitrosamines Measured in Children's Silicone Wristbands in Relation to Secondhand Smoke and E-cigarette Vapor Exposure. <i>Nicotine and Tobacco Research</i> , 2021, 23, 592-599.	2.6	20
62	Polycyclic Aromatic Hydrocarbon (PAH) and Oxygenated PAH (OPAH) Air-Water Exchange during the Deepwater Horizon Oil Spill. <i>Environmental Science & Technology</i> , 2015, 49, 141-149.	10.0	18
63	Artificial turf: chemical flux and development of silicone wristband partitioning coefficients. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 597-611.	3.3	18
64	Development of an environmental health tool linking chemical exposures, physical location and lung function. <i>BMC Public Health</i> , 2019, 19, 854.	2.9	16
65	Benzo[a]pyrene (BaP) metabolites predominant in human plasma following escalating oral micro-dosing with [¹⁴ C]-BaP. <i>Environment International</i> , 2022, 159, 107045.	10.0	16
66	A Community-Based Approach to Developing a Mobile Device for Measuring Ambient Air Exposure, Location, and Respiratory Health. <i>Environmental Justice</i> , 2015, 8, 126-134.	1.5	15
67	Improvements in identification and quantitation of alkylated PAHs and forensic ratio sourcing. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1651-1664.	3.7	14
68	Wildfire Impact on Indoor and Outdoor PAH Air Quality. <i>Environmental Science & Technology</i> , 2022, 56, 10042-10052.	10.0	14
69	Exploiting lipid-free tubing passive samplers and embryonic zebrafish to link site specific contaminant mixtures to biological responses. <i>Chemosphere</i> , 2010, 79, 1-7.	8.2	13
70	Assessing soil-air partitioning of PAHs and PCBs with a new fugacity passive sampler. <i>Science of the Total Environment</i> , 2017, 596-597, 293-302.	8.0	13
71	Using passive sampling and zebrafish to identify developmental toxicants in complex mixtures. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2290-2298.	4.3	13
72	Determining chemical air equivalency using silicone personal monitors. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 268-279.	3.9	12

#	ARTICLE	IF	CITATIONS
73	Exposure to an Environmental Mixture of Polycyclic Aromatic Hydrocarbons Induces Hepatic Cytochrome P450 Enzymes in Mice. <i>Chemical Research in Toxicology</i> , 2021, 34, 2145-2156.	3.3	10
74	In vivo contaminant partitioning to silicone implants: Implications for use in biomonitoring and body burden. <i>Environment International</i> , 2015, 85, 182-188.	10.0	9
75	Preschool-Age Children's Pesticide Exposures in Child Care Centers and at Home in Northern California. <i>Journal of Pediatric Health Care</i> , 2022, 36, 34-45.	1.2	9
76	Firefighter exposures to potential endocrine disrupting chemicals measured by military-style silicone dog tags. <i>Environment International</i> , 2022, 158, 106914.	10.0	9
77	Evaluating predictive relationships between wristbands and urine for assessment of personal PAH exposure. <i>Environment International</i> , 2022, 163, 107226.	10.0	9
78	Soilâ€diffusive gradient in thin films partition coefficients estimate metal bioavailability to crops at fertilized field sites. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2030-2037.	4.3	8
79	A passive sampling model to predict PAHs in butter clams (<i>Saxidomus giganteus</i>), a traditional food source for Native American tribes of the Salish Sea Region. <i>Marine Pollution Bulletin</i> , 2019, 145, 28-35.	5.0	8
80	An approach for calculating a confidence interval from a single aquatic sample for monitoring hydrophobic organic contaminants. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2888-2892.	4.3	7
81	Environmental surveillance and adverse neonatal health outcomes in foals born near unconventional natural gas development activity. <i>Science of the Total Environment</i> , 2020, 731, 138497.	8.0	7
82	Associating Increased Chemical Exposure to Hurricane Harvey in a Longitudinal Panel Using Silicone Wristbands. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6670.	2.6	7
83	Bioavailable Organochlorine Pesticides in a Semi-Arid Region of Eastern Oregon, USA, as Determined by Gas Chromatography with Electron-Capture Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2001, 84, 1371-1382.	1.5	6
84	Pesticide exposure among Latinx child farmworkers in North Carolina. <i>American Journal of Industrial Medicine</i> , 2021, 64, 602-619.	2.1	6
85	Comparing impact of pesticide exposure on cognitive abilities of Latinx children from rural farmworker and urban non-farmworker families in North Carolina.. <i>Neurotoxicology and Teratology</i> , 2022, 92, 107106.	2.4	6
86	Chemical exposures assessed via silicone wristbands and endogenous plasma metabolomics during pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 259-267.	3.9	5
87	Analytical Method for Dimethenamid-P in Selected Raw Agricultural Commodities by Gas Chromatography with Electron Capture Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1428-1432.	1.5	4
88	Passive sampling coupled to ultraviolet irradiation: A useful analytical approach for studying oxygenated polycyclic aromatic hydrocarbon formation in bioavailable mixtures. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 177-181.	4.3	4
89	An Alternative Method to Produce Shikimic Acid Chemical Feedstock by Applying Glyphosate to Forage Crops. <i>Crop Science</i> , 2017, 57, 945-950.	1.8	4
90	Considerations for Measuring Exposure to Chemical Mixtures. , 2018, , 37-80.		4

#	ARTICLE	IF	CITATIONS
91	Designing Equitable, Transparent, Community-engaged Disaster Research. <i>Citizen Science: Theory and Practice</i> , 2022, 7, .	1.2	4
92	Response to Comment on "Silicone Wristbands as Personal Passive Samplers". <i>Environmental Science & Technology</i> , 2014, 48, 8927-8927.	10.0	2
93	A Comparative Multi-System Approach to Characterizing Bioactivity of Commonly Occurring Chemicals. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3829.	2.6	1
94	Analytical method for dimethenamid-P in selected raw agricultural commodities by gas chromatography with electron capture detection. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1428-32.	1.5	0