

Dana Boyd Barr

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161
papers

8,581
citations

50
h-index

89
g-index

168
ext. papers

9,906
ext. citations

6.7
avg, IF

5.83
L-index

#	Paper	IF	Citations
161	Impact of prenatal chlorpyrifos exposure on neurodevelopment in the first 3 years of life among inner-city children. <i>Pediatrics</i> , 2006 , 118, e1845-59	7.4	498
160	Organophosphate pesticide exposure and neurodevelopment in young Mexican-American children. <i>Environmental Health Perspectives</i> , 2007 , 115, 792-8	8.4	481
159	Prenatal exposure to organophosphate pesticides and IQ in 7-year-old children. <i>Environmental Health Perspectives</i> , 2011 , 119, 1189-95	8.4	439
158	Organophosphate pesticide exposure and attention in young Mexican-American children: the CHAMACOS study. <i>Environmental Health Perspectives</i> , 2010 , 118, 1768-74	8.4	299
157	Brain anomalies in children exposed prenatally to a common organophosphate pesticide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7871-6	11.5	291
156	Prenatal exposure to organophosphates, paraoxonase 1, and cognitive development in childhood. <i>Environmental Health Perspectives</i> , 2011 , 119, 1182-8	8.4	285
155	Variability and predictors of urinary bisphenol A concentrations during pregnancy. <i>Environmental Health Perspectives</i> , 2011 , 119, 131-7	8.4	278
154	Organic diets significantly lower children's dietary exposure to organophosphorus pesticides. <i>Environmental Health Perspectives</i> , 2006 , 114, 260-3	8.4	276
153	Urinary concentrations of metabolites of pyrethroid insecticides in the general U.S. population: National Health and Nutrition Examination Survey 1999-2002. <i>Environmental Health Perspectives</i> , 2010 , 118, 742-8	8.4	254
152	Prenatal organophosphate metabolite and organochlorine levels and performance on the Brazelton Neonatal Behavioral Assessment Scale in a multiethnic pregnancy cohort. <i>American Journal of Epidemiology</i> , 2007 , 165, 1397-404	3.8	199
151	Measurement of pesticides and other toxicants in amniotic fluid as a potential biomarker of prenatal exposure: a validation study. <i>Environmental Health Perspectives</i> , 2003 , 111, 1779-82	8.4	181
150	A liquid chromatography--tandem mass spectrometry multiresidue method for quantification of specific metabolites of organophosphorus pesticides, synthetic pyrethroids, selected herbicides, and deet in human urine. <i>Analytical Chemistry</i> , 2004 , 76, 2453-61	7.8	170
149	Biological Matrix Effects in Quantitative Tandem Mass Spectrometry-Based Analytical Methods: Advancing Biomonitoring. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 93-105	5.2	165
148	Biologic monitoring of exposure to environmental chemicals throughout the life stages: requirements and issues for consideration for the National Children's Study. <i>Environmental Health Perspectives</i> , 2005 , 113, 1083-91	8.4	160
147	Designing prospective cohort studies for assessing reproductive and developmental toxicity during sensitive windows of human reproduction and development--the LIFE Study. <i>Paediatric and Perinatal Epidemiology</i> , 2011 , 25, 413-24	2.7	128
146	Agricultural Pesticide Management in Thailand: Situation and Population Health Risk. <i>Environmental Science and Policy</i> , 2012 , 17, 72-81	6.2	126
145	A longitudinal approach to assessing urban and suburban children's exposure to pyrethroid pesticides. <i>Environmental Health Perspectives</i> , 2006 , 114, 1419-23	8.4	122

144	Biomonitoring in the Era of the Exposome. <i>Environmental Health Perspectives</i> , 2017 , 125, 502-510	8.4	117
143	Associations of prenatal exposure to organophosphate pesticide metabolites with gestational age and birth weight. <i>Environmental Health Perspectives</i> , 2012 , 120, 1055-60	8.4	97
142	Comparison of current-use pesticide and other toxicant urinary metabolite levels among pregnant women in the CHAMACOS cohort and NHANES. <i>Environmental Health Perspectives</i> , 2010 , 118, 856-63	8.4	96
141	Impact of prenatal exposure to piperonyl butoxide and permethrin on 36-month neurodevelopment. <i>Pediatrics</i> , 2011 , 127, e699-706	7.4	93
140	Assessing exposure to atrazine and its metabolites using biomonitoring. <i>Environmental Health Perspectives</i> , 2007 , 115, 1474-8	8.4	92
139	Temporal variability of urinary levels of nonpersistent insecticides in adult men. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005 , 15, 271-81	6.7	90
138	Heavy metals and couple fecundity, the LIFE Study. <i>Chemosphere</i> , 2012 , 87, 1201-7	8.4	89
137	PON1 and neurodevelopment in children from the CHAMACOS study exposed to organophosphate pesticides in utero. <i>Environmental Health Perspectives</i> , 2010 , 118, 1775-81	8.4	88
136	Organophosphate pesticide levels in blood and urine of women and newborns living in an agricultural community. <i>Environmental Research</i> , 2012 , 117, 8-16	7.9	87
135	Effect of Organic Diet Intervention on Pesticide Exposures in Young Children Living in Low-Income Urban and Agricultural Communities. <i>Environmental Health Perspectives</i> , 2015 , 123, 1086-93	8.4	83
134	Isotope dilution high-performance liquid chromatography-tandem mass spectrometry method for quantifying urinary metabolites of synthetic pyrethroid insecticides. <i>Archives of Environmental Contamination and Toxicology</i> , 2004 , 46, 281-8	3.2	77
133	Determinants of organophosphorus pesticide urinary metabolite levels in young children living in an agricultural community. <i>International Journal of Environmental Research and Public Health</i> , 2011 , 8, 1061-83	4.6	75
132	Preconception maternal and paternal exposure to persistent organic pollutants and birth size: the LIFE study. <i>Environmental Health Perspectives</i> , 2015 , 123, 88-94	8.4	74
131	Prenatal exposure to the organophosphate pesticide chlorpyrifos and childhood tremor. <i>NeuroToxicology</i> , 2015 , 51, 80-6	4.4	74
130	Does the home environment and the sex of the child modify the adverse effects of prenatal exposure to chlorpyrifos on child working memory?. <i>Neurotoxicology and Teratology</i> , 2012 , 34, 534-41	3.9	73
129	Attitudes toward E-Cigarettes, Reasons for Initiating E-Cigarette Use, and Changes in Smoking Behavior after Initiation: A Pilot Longitudinal Study of Regular Cigarette Smokers. <i>Open Journal of Preventive Medicine</i> , 2014 , 4, 789-800	0.3	72
128	Association of organophosphate pesticide exposure and paraoxonase with birth outcome in Mexican-American women. <i>PLoS ONE</i> , 2011 , 6, e23923	3.7	70
127	A proposal for assessing study quality: Biomonitoring, Environmental Epidemiology, and Short-lived Chemicals (BEES-C) instrument. <i>Environment International</i> , 2014 , 73, 195-207	12.9	67

126	A prospective study of prepregnancy serum concentrations of perfluorochemicals and the risk of gestational diabetes. <i>Fertility and Sterility</i> , 2015 , 103, 184-9	4.8	67
125	Urinary 3,5,6-trichloro-2-pyridinol (TCPY) in pregnant women from Mexico City: distribution, temporal variability, and relationship with child attention and hyperactivity. <i>International Journal of Hygiene and Environmental Health</i> , 2014 , 217, 405-12	6.9	65
124	Perfluorochemicals and human semen quality: the LIFE study. <i>Environmental Health Perspectives</i> , 2015 , 123, 57-63	8.4	65
123	Population-based biomonitoring of exposure to organophosphate and pyrethroid pesticides in New York City. <i>Environmental Health Perspectives</i> , 2013 , 121, 1349-56	8.4	60
122	Prenatal exposure to organophosphate pesticides and reciprocal social behavior in childhood. <i>Environment International</i> , 2014 , 70, 125-31	12.9	59
121	Variability of organophosphorous pesticide metabolite levels in spot and 24-hr urine samples collected from young children during 1 week. <i>Environmental Health Perspectives</i> , 2013 , 121, 118-24	8.4	59
120	Method for measurement of the quaternary amine compounds paraquat and diquat in human urine using high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2548-53	3.2	59
119	Biomonitoring of exposure in farmworker studies. <i>Environmental Health Perspectives</i> , 2006 , 114, 936-42	8.4	59
118	Prenatal exposure to pyrethroid pesticides and childhood behavior and executive functioning. <i>NeuroToxicology</i> , 2017 , 62, 231-238	4.4	58
117	Urinary concentrations of dialkylphosphate metabolites of organophosphorus pesticides: National Health and Nutrition Examination Survey 1999-2004. <i>International Journal of Environmental Research and Public Health</i> , 2011 , 8, 3063-98	4.6	55
116	Prenatal Organophosphorus Pesticide Exposure and Child Neurodevelopment at 24 Months: An Analysis of Four Birth Cohorts. <i>Environmental Health Perspectives</i> , 2016 , 124, 822-30	8.4	55
115	Urinary metabolomics revealed arsenic internal dose-related metabolic alterations: a proof-of-concept study in a Chinese male cohort. <i>Environmental Science & Technology</i> , 2014 , 48, 12265-74	10.3	53
114	Menstrual cycle characteristics and reproductive hormone levels in women exposed to atrazine in drinking water. <i>Environmental Research</i> , 2011 , 111, 1293-301	7.9	53
113	A biomarker validation study of prenatal chlorpyrifos exposure within an inner-city cohort during pregnancy. <i>Environmental Health Perspectives</i> , 2009 , 117, 559-67	8.4	52
112	Prenatal Exposure to Organophosphorous Pesticides and Fetal Growth: Pooled Results from Four Longitudinal Birth Cohort Studies. <i>Environmental Health Perspectives</i> , 2016 , 124, 1084-92	8.4	50
111	Predictors of exposure to organophosphate pesticides in schoolchildren in the Province of Talca, Chile. <i>Environment International</i> , 2012 , 47, 28-36	12.9	49
110	Neurobehavioral effects of exposure to organophosphates and pyrethroid pesticides among Thai children. <i>NeuroToxicology</i> , 2015 , 48, 90-9	4.4	47
109	Serum Polybrominated Biphenyls (PBBs) and Polychlorinated Biphenyls (PCBs) and Thyroid Function among Michigan Adults Several Decades after the 1973-1974 PBB Contamination of Livestock Feed. <i>Environmental Health Perspectives</i> , 2017 , 125, 097020	8.4	47

108	A single method for detecting 11 organophosphate pesticides in human plasma and breastmilk using GC-FPD. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1025, 92-104	3.2	47
107	Quantification of melamine in human urine using cation-exchange based high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 887-888, 48-54	3.2	46
106	The interactome of the copper transporter ATP7A belongs to a network of neurodevelopmental and neurodegeneration factors. <i>ELife</i> , 2017 , 6,	8.9	46
105	Lipid concentrations and couple fecundity: the LIFE study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2786-94	5.6	44
104	Design and Rationale of the HAPIN Study: A Multicountry Randomized Controlled Trial to Assess the Effect of Liquefied Petroleum Gas Stove and Continuous Fuel Distribution. <i>Environmental Health Perspectives</i> , 2020 , 128, 47008	8.4	43
103	Temporal variability of pyrethroid metabolite levels in bedtime, morning, and 24-h urine samples for 50 adults in North Carolina. <i>Environmental Research</i> , 2016 , 144, 81-91	7.9	42
102	Serum polybrominated diphenyl ether concentrations and thyroid function in young children. <i>Environmental Research</i> , 2016 , 149, 222-230	7.9	42
101	Prenatal exposure to organophosphate pesticides and risk of autism spectrum disorders and other non-typical development at 3 years in a high-risk cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 548-555	6.9	41
100	Persistent organic pollutants and pregnancy complications. <i>Science of the Total Environment</i> , 2016 , 551-552, 285-91	10.2	41
99	Associations of maternal organophosphate pesticide exposure and PON1 activity with birth outcomes in SAWASDEE birth cohort, Thailand. <i>Environmental Research</i> , 2015 , 142, 288-96	7.9	40
98	Urinary 3-phenoxybenzoic acid (3-PBA) levels among pregnant women in Mexico City: Distribution and relationships with child neurodevelopment. <i>Environmental Research</i> , 2016 , 147, 307-13	7.9	40
97	Organophosphorous pesticide breakdown products in house dust and children's urine. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012 , 22, 559-68	6.7	40
96	Measurement of pyrethroid, organophosphorus, and carbamate insecticides in human plasma using isotope dilution gas chromatography-high resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2554-62	3.2	39
95	Quantification of atrazine and its metabolites in urine by on-line solid-phase extraction-high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 1931-9	4.4	39
94	Persistent organic pollutants and semen quality: The LIFE Study. <i>Chemosphere</i> , 2015 , 135, 427-35	8.4	38
93	Distribution, variability, and predictors of urinary bisphenol A levels in 50 North Carolina adults over a six-week monitoring period. <i>Environment International</i> , 2018 , 112, 85-99	12.9	37
92	Method for the quantification of current use and persistent pesticides in cow milk, human milk and baby formula using gas chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 970, 121-30	3.2	36
91	Cross validation of gas chromatography-flame photometric detection and gas chromatography-mass spectrometry methods for measuring dialkylphosphate metabolites of organophosphate pesticides in human urine. <i>International Journal of Hygiene and Environmental Health</i> , 2014 , 217, 554-66	6.9	35

90	Higher urinary lignan concentrations in women but not men are positively associated with shorter time to pregnancy. <i>Journal of Nutrition</i> , 2014 , 144, 352-8	4.1	35
89	Have regulatory efforts to reduce organophosphorus insecticide exposures been effective?. <i>Environmental Health Perspectives</i> , 2012 , 120, 521-5	8.4	34
88	Association between urinary 3, 5, 6-trichloro-2-pyridinol, a metabolite of chlorpyrifos and chlorpyrifos-methyl, and serum T4 and TSH in NHANES 1999-2002. <i>Science of the Total Environment</i> , 2012 , 424, 351-5	10.2	30
87	Urinary organophosphate insecticide metabolite concentrations during pregnancy and children's interpersonal, communication, repetitive, and stereotypic behaviors at 8 years of age: The home study. <i>Environmental Research</i> , 2017 , 157, 9-16	7.9	28
86	Variability in the take-home pathway: farmworkers and non-farmworkers and their children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 522-31	6.7	28
85	Organophosphate pesticide exposure in school-aged children living in rice and aquacultural farming regions of Thailand. <i>Journal of Agromedicine</i> , 2014 , 19, 406-16	1.9	27
84	Phthalate metabolites related to infertile biomarkers and infertility in Chinese men. <i>Environmental Pollution</i> , 2017 , 231, 291-300	9.3	23
83	Thyroid hormone levels associate with exposure to polychlorinated biphenyls and polybrominated biphenyls in adults exposed as children. <i>Environmental Health</i> , 2019 , 18, 75	6	23
82	PFOA and ulcerative colitis. <i>Environmental Research</i> , 2018 , 165, 317-321	7.9	23
81	Levels and Determinants of DDT and DDE Exposure in the VHEMBE Cohort. <i>Environmental Health Perspectives</i> , 2017 , 125, 077006	8.4	22
80	Prenatal exposure to organophosphorus pesticides and childhood neurodevelopmental phenotypes. <i>Environmental Research</i> , 2017 , 158, 737-747	7.9	22
79	Maternal prenatal and child organophosphate pesticide exposures and children's autonomic function. <i>NeuroToxicology</i> , 2011 , 32, 646-55	4.4	21
78	Low-dose oral cadmium increases airway reactivity and lung neuronal gene expression in mice. <i>Physiological Reports</i> , 2016 , 4, e12821	2.6	21
77	Organophosphate Pesticide Urinary Metabolites Among Latino Immigrants: North Carolina Farmworkers and Non-farmworkers Compared. <i>Journal of Occupational and Environmental Medicine</i> , 2016 , 58, 1079-1086	2	20
76	HPLC-MS/MS method for the measurement of insecticide degradates in baby food. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 7085-91	5.7	20
75	Urinary Phytoestrogens Are Associated with Subtle Indicators of Semen Quality among Male Partners of Couples Desiring Pregnancy. <i>Journal of Nutrition</i> , 2015 , 145, 2535-41	4.1	19
74	Preconception perfluoroalkyl and polyfluoroalkyl substances and incident pregnancy loss, LIFE Study. <i>Reproductive Toxicology</i> , 2016 , 65, 11-17	3.4	19
73	Time-to-Pregnancy Associated With Couples' Use of Tobacco Products. <i>Nicotine and Tobacco Research</i> , 2016 , 18, 2154-2161	4.9	19

72	Pre-pregnancy maternal exposure to polybrominated and polychlorinated biphenyls and gestational diabetes: a prospective cohort study. <i>Environmental Health</i> , 2016 , 15, 11	6	18
71	Undisturbed dust as a metric of long-term indoor insecticide exposure: Residential DDT contamination from indoor residual spraying and its association with serum levels in the VHEMBE cohort. <i>Environment International</i> , 2015 , 85, 163-7	12.9	17
70	Investigation of associations between exposures to pesticides and testosterone levels in Thai farmers. <i>Archives of Environmental and Occupational Health</i> , 2018 , 73, 205-218	2	17
69	Characterization of Pesticide Exposure in a Sample of Pregnant Women in Ecuador. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 70, 627-39	3.2	17
68	Metabolite of the pesticide DDT and incident type 2 diabetes in urban India. <i>Environment International</i> , 2019 , 133, 105089	12.9	17
67	Measuring Environmental Exposure to Enteric Pathogens in Low-Income Settings: Review and Recommendations of an Interdisciplinary Working Group. <i>Environmental Science & Technology</i> , 2020 , 54, 11673-11691	10.3	17
66	Pre-Pregnancy Maternal Exposure to Persistent Organic Pollutants and Gestational Weight Gain: A Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	17
65	Quantification of Polybrominated and Polychlorinated Biphenyls in Human Matrices by Isotope-Dilution Gas Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2016 , 40, 511-8	2.9	16
64	Variability of urinary pesticide metabolite concentrations during pregnancy in the MARBLES Study. <i>Environmental Research</i> , 2018 , 165, 400-409	7.9	16
63	Liquid-Liquid Extraction of Insecticides from Juice: An Analytical Chemistry Laboratory Experiment. <i>Journal of Chemical Education</i> , 2013 , 90, 483-486	2.4	15
62	Serum concentrations of polybrominated biphenyls (PBBs), polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in the Michigan PBB Registry 40 years after the PBB contamination incident. <i>Environment International</i> , 2020 , 137, 105526	12.9	14
61	Home-based community health worker intervention to reduce pesticide exposures to farmworkers' children: A randomized-controlled trial. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 608-15	6.7	14
60	Lessons learned from the application of BEES-C: Systematic assessment of study quality of epidemiologic research on BPA, neurodevelopment, and respiratory health. <i>Environment International</i> , 2015 , 80, 41-71	12.9	13
59	Degradation of Organophosphorus and Pyrethroid Insecticides in Beverages: Implications for Risk Assessment. <i>Toxics</i> , 2018 , 6,	4.7	13
58	Design and Rationale of the Biomarker Center of the Household Air Pollution Intervention Network (HAPIN) Trial. <i>Environmental Health Perspectives</i> , 2020 , 128, 47010	8.4	12
57	Farmworker and nonfarmworker Latino immigrant men in North Carolina have high levels of specific pesticide urinary metabolites. <i>Archives of Environmental and Occupational Health</i> , 2018 , 73, 219-227	12	12
56	Production of Insecticide Degradates in Juices: Implications for Risk Assessment. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 4633-8	5.7	12
55	Production-related contaminants (pesticides, antibiotics and hormones) in organic and conventionally produced milk samples sold in the USA. <i>Public Health Nutrition</i> , 2019 , 22, 2972-2980	3.3	12

54	Pilot study of pesticide knowledge, attitudes, and practices among pregnant women in northern Thailand. <i>International Journal of Environmental Research and Public Health</i> , 2012 , 9, 3365-83	4.6	12
53	An improved high-performance liquid chromatography-tandem mass spectrometric method to measure atrazine and its metabolites in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 957-62	3.2	12
52	Polybrominated diphenyl ethers and incident pregnancy loss: The LIFE Study. <i>Environmental Research</i> , 2019 , 168, 375-381	7.9	12
51	In utero exposure to atrazine analytes and early menarche in the Avon Longitudinal Study of Parents and Children Cohort. <i>Environmental Research</i> , 2017 , 156, 420-425	7.9	11
50	Prenatal phenol and paraben exposures in relation to child neurodevelopment including autism spectrum disorders in the MARBLES study. <i>Environmental Research</i> , 2019 , 179, 108719	7.9	11
49	Pyrethroid insecticide exposure in school-aged children living in rice and aquacultural farming regions of Thailand. <i>Risk Management and Healthcare Policy</i> , 2014 , 7, 211-7	2.8	11
48	Emerging exposures of developmental toxicants. <i>Current Opinion in Pediatrics</i> , 2017 , 29, 218-224	3.2	10
47	Predictors of Urinary 3-Phenoxybenzoic Acid Levels in 50 North Carolina Adults. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	9
46	Multigenerational metabolic profiling in the Michigan PBB registry. <i>Environmental Research</i> , 2019 , 172, 182-193	7.9	9
45	Maternal and paternal serum concentrations of perfluoroalkyl and polyfluoroalkyl substances and the secondary sex ratio. <i>Chemosphere</i> , 2015 , 133, 31-40	8.4	8
44	Dialkyl phosphate urinary metabolites and chromosomal abnormalities in human sperm. <i>Environmental Research</i> , 2015 , 143, 256-65	7.9	8
43	Pesticide interactions and risks of sperm chromosomal abnormalities. <i>International Journal of Hygiene and Environmental Health</i> , 2019 , 222, 1021-1029	6.9	8
42	Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. <i>Environment International</i> , 2021 , 158, 106964	12.9	8
41	Cohort profile: China National Human Biomonitoring (CNHBM)-A nationally representative, prospective cohort in Chinese population. <i>Environment International</i> , 2021 , 146, 106252	12.9	8
40	Pre-diagnostic serum concentrations of organochlorines and risk of acute myeloid leukemia: A nested case-control study in the Norwegian Janus Serum Bank Cohort. <i>Environment International</i> , 2019 , 125, 229-235	12.9	7
39	Prenatal maternal organophosphorus pesticide exposures, paraoxonase 1, and childhood adiposity in the Mount Sinai Children's Environmental Health Study. <i>Environment International</i> , 2020 , 142, 105858	12.9	7
38	Environmental exposure to polybrominated biphenyl (PBB) associates with an increased rate of biological aging. <i>Aging</i> , 2019 , 11, 5498-5517	5.6	7
37	Pesticide use in Thailand: Current situation, health risks, and gaps in research and policy. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021 , 27, 1147-1169	4.9	7

36	In utero pyrethroid pesticide exposure in relation to autism spectrum disorder (ASD) and other neurodevelopmental outcomes at 3 years in the MARBLES longitudinal cohort. <i>Environmental Research</i> , 2021 , 194, 110495	7.9	7
35	Serum per- and polyfluoroalkyl substance (PFAS) concentrations and predictors of exposure among pregnant African American women in the Atlanta area, Georgia. <i>Environmental Research</i> , 2021 , 198, 110443	7.9	7
34	Fetal heart rate and motor activity associations with maternal organochlorine levels: results of an exploratory study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 474-81	6.7	6
33	Urinary levoglucosan as a biomarker for woodsmoke exposure in wildland firefighters. <i>International Journal of Occupational and Environmental Health</i> , 2013 , 19, 304-10		6
32	Maternal and paternal serum concentrations of persistent organic pollutants and the secondary sex ratio: A population-based preconception cohort study. <i>Environmental Research</i> , 2018 , 161, 9-16	7.9	6
31	Household air pollution and blood markers of inflammation: A cross-sectional analysis. <i>Indoor Air</i> , 2021 , 31, 1509-1521	5.4	5
30	Quality assurance and harmonization for targeted biomonitoring measurements of environmental organic chemicals across the Children's Health Exposure Analysis Resource laboratory network. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 234, 113741	6.9	5
29	Exposure to PBB-153 and Digit Ratio. <i>Early Human Development</i> , 2016 , 103, 33-35	2.2	5
28	Measurement of ethyl methanesulfonate in human plasma and breast milk samples using high-performance liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 260-4	3.5	4
27	Exposure to organophosphorus insecticides and increased risks of health and cancer in US women. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 80, 103474	5.8	4
26	Metal biomarker mixtures and blood pressure in the United States: cross-sectional findings from the 1999-2006 National Health and Nutrition Examination Survey (NHANES). <i>Environmental Health</i> , 2021 , 20, 15	6	4
25	In vivo biomarkers and biomonitoring in reproductive and developmental toxicity 2011 , 253-265		3
24	High-resolution metabolomics of exposure to tobacco smoke during pregnancy and adverse birth outcomes in the Atlanta African American maternal-child cohort. <i>Environmental Pollution</i> , 2022 , 292, 118361	9.3	3
23	Associations of single and multiple per- and polyfluoroalkyl substance (PFAS) exposure with vitamin D biomarkers in African American women during pregnancy. <i>Environmental Research</i> , 2021 , 202, 111713	7.9	3
22	Quantification of malondialdehyde in exhaled breath condensate using pseudo two-dimensional ultra-performance liquid chromatography coupled with single quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1195, 210-216	3.2	3
21	Effect of exposures to mixtures of lead and various metals on hypertension, pre-hypertension, and blood pressure: A cross-sectional study from the China National Human Biomonitoring.. <i>Environmental Pollution</i> , 2022 , 299, 118864	9.3	2
20	LC-MS Quantification of Malondialdehyde-Dansylhydrazine Derivatives in Urine and Serum Samples. <i>Journal of Analytical Toxicology</i> , 2020 , 44, 470-481	2.9	2
19	Cross-validation of biomonitoring methods for polycyclic aromatic hydrocarbon metabolites in human urine: Results from the formative phase of the Household Air Pollution Intervention Network (HAPIN) trial in India. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1151, 122224	3.2	2

18	Evaluating inter-study variability in phthalate and trace element analyses within the Children's Health Exposure Analysis Resource (CHEAR) using multivariate control charts. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 , 31, 318-327	6.7	2
17	Temporal Trends of Phenol, Paraben, and Triclocarban Exposure in California Pregnant Women during 2007-2014. <i>Environmental Science & Technology</i> , 2021 , 55, 11155-11165	10.3	2
16	Urinary Concentrations of Dialkylphosphate Metabolites of Organophosphate pesticides in the Study of Asian Women and their Offspring's Development and Environmental Exposures (SAWASDEE). <i>Environment International</i> , 2021 , 158, 106884	12.9	2
15	Letter to the Editors-in-Chief regarding Velmurugan et al.,-Association of co-accumulation of arsenic and organophosphate insecticides with diabetes and atherosclerosis in a rural agricultural community: KMCH-NNCD-I study. <i>Acta Diabetologica</i> , 2020 , 57, 1125-1126	3.9	1
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