P Barry Ryan

List of Publications by Year
in descending order

44 papers	1,591 citations	361413 20 h-index	302126 39 g-index
48 all docs	48 docs citations	48 times ranked	2034 citing authors

#	Article	IF	Citations
1	Biological Matrix Effects in Quantitative Tandem Mass Spectrometry-Based Analytical Methods: Advancing Biomonitoring. Critical Reviews in Analytical Chemistry, 2016, 46, 93-105.	3.5	243
2	Agricultural pesticide management in Thailand: status and population health risk. Environmental Science and Policy, 2012, 17, 72-81.	4.9	174
3	Review: Evolution of evidence on PFOA and health following the assessments of the C8 Science Panel. Environment International, 2020, 145, 106125.	10.0	72
4	Using Biomarkers to Inform Cumulative Risk Assessment. Environmental Health Perspectives, 2007, 115, 833-840.	6.0	70
5	Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. Environment International, 2022, 158, 106964.	10.0	67
6	Interim results of the study of particulates and health in Atlanta (SOPHIA). Journal of Exposure Science and Environmental Epidemiology, 2000, 10, 446-460.	3.9	63
7	Neurobehavioral effects of exposure to organophosphates and pyrethroid pesticides among Thai children. NeuroToxicology, 2015, 48, 90-99.	3.0	63
8	A single method for detecting 11 organophosphate pesticides in human plasma and breastmilk using GC-FPD. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1025, 92-104.	2.3	58
9	Associations of maternal organophosphate pesticide exposure and PON1 activity with birth outcomes in SAWASDEE birth cohort, Thailand. Environmental Research, 2015, 142, 288-296.	7.5	56
10	A longitudinal investigation of selected pesticide metabolites in urine. Journal of Exposure Science and Environmental Epidemiology, 1999, 9, 494-501.	3.9	52
11	Dietary exposure to chlorpyrifos and levels of 3,5,6-trichloro-2-pyridinol in urine. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 279-285.	3.9	50
12	Relations between Individual and Neighborhood-based Measures of Socioeconomic Position and Bone Lead Concentrations among Community-exposed Men: The Normative Aging Study. American Journal of Epidemiology, 1999, 150, 129-141.	3.4	49
13	Cross validation of gas chromatography-flame photometric detection and gas chromatographyâ€“mass spectrometry methods for measuring dialkylphosphate metabolites of organophosphate pesticides in human urine. International Journal of Hygiene and Environmental Health, 2014, 217, 554-566.	4.3	46
14	Serum per- and polyfluoroalkyl substance (PFAS) concentrations and predictors of exposure among pregnant African American women in the Atlanta area, Georgia. Environmental Research, 2021, 198, 110445.	7.5	43
15	Serum concentrations of polybrominated biphenyls (PBBs), polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in the Michigan PBB Registry 40Âyears after the PBB contamination incident. Environment International, 2020, 137, 105526.	10.0	42
16	Method for the quantification of current use and persistent pesticides in cow milk, human milk and baby formula using gas chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 970, 121-130.	2.3	41
17	Temporal variability of microenvironmental time budgets in Maryland. Journal of Exposure Science and Environmental Epidemiology, 1999, 9, 502-512.	3.9	34
18	Cohort profile: China National Human Biomonitoring (CNHBM)â€”A nationally representative, prospective cohort in Chinese population. Environment International, 2021, 146, 106252.	10.0	32

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19	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. Environmental Pollution, 2022, 299, 118864.	7.5	28
20	Investigation of associations between exposures to pesticides and testosterone levels in Thai farmers. Archives of Environmental and Occupational Health, 2018, 73, 205-218.	1.4	22
21	Design and Rationale of the Biomarker Center of the Household Air Pollution Intervention Network (HAPIN) Trial. Environmental Health Perspectives, 2020, 128, 47010.	6.0	22
22	Assessment of metabolic perturbations associated with exposure to phthalates among pregnant African American women. Science of the Total Environment, 2022, 818, 151689.	8.0	22
23	Quantification of Polybrominated and Polychlorinated Biphenyls in Human Matrices by Isotope-Dilution Gas Chromatographyâ€“Tandem Mass Spectrometry. Journal of Analytical Toxicology, 2016, 40, 511-518.	2.8	21
24	High-resolution metabolomics of exposure to tobacco smoke during pregnancy and adverse birth outcomes in the Atlanta African American maternal-child cohort. Environmental Pollution, 2022, 292, 118361.	7.5	20
25	Decontamination of SARS-CoV-2 from cold-chain food packaging provides no marginal benefit in risk reduction to food workers. Food Control, 2022, 136, 108845.	5.5	19
26	A longitudinal investigation of solid-food based dietary exposure to selected elements. Journal of Exposure Science and Environmental Epidemiology, 1999, 9, 485-493.	3.9	17
27	Liquidâ€“Liquid Extraction of Insecticides from Juice: An Analytical Chemistry Laboratory Experiment. Journal of Chemical Education, 2013, 90, 483-486.	2.3	17
28	Risk of dietary and breastmilk exposure to mycotoxins among lactating women and infants 2â€“4 months in northern India. Maternal and Child Nutrition, 2021, 17, e13100.	3.0	17
29	Longitudinal investigation of exposure to arsenic, cadmium, chromium and lead via beverage consumption. Journal of Exposure Science and Environmental Epidemiology, 2000, 10, 196-205.	3.9	16
30	Associations of single and multiple per- and polyfluoroalkyl substance (PFAS) exposure with vitamin D biomarkers in African American women during pregnancy. Environmental Research, 2021, 202, 111713.	7.5	14
31	Resolving uncertainty in the spatial relationships between passive benzene exposure and risk of non-Hodgkin lymphoma. Cancer Epidemiology, 2016, 41, 139-151.	1.9	12
32	Controlling risk of SARS-CoV-2 infection in essential workers of enclosed food manufacturing facilities. Food Control, 2022, 133, 108632.	5.5	12
33	Bias in Population Estimates of Long-Term Exposure from Short-Term Measurements of Individual Exposure. Risk Analysis, 1997, 17, 455-466.	2.7	11
34	LC-MS Quantification of Malondialdehyde-Dansylhydrazine Derivatives in Urine and Serum Samples. Journal of Analytical Toxicology, 2020, 44, 470-481.	2.8	11
35	A mixed-methods study of pesticide exposures in Breastmilk and Community & Lactating Womenâ€™s perspectives from Haryana, India. BMC Public Health, 2020, 20, 1877.	2.9	9
36	Urinary Concentrations of Dialkylphosphate Metabolites of Organophosphate pesticides in the Study of Asian Women and their Offspringâ€™s Development and Environmental Exposures (SAWASDEE). Environment International, 2022, 158, 106884.	10.0	9

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37	Temporal patterns of activities potentially related to pesticide exposure. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 389-397.	3.9	7
38	Quantification of malondialdehyde in exhaled breath condensate using pseudo two-dimensional ultra-performance liquid chromatography coupled with single quadrupole mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1105, 210-216.	2.3	7
39	A Conceptual Framework for the Interpretation of Biological Markers for Environmental Exposure Assessment. Human and Ecological Risk Assessment (HERA), 2000, 6, 711-725.	3.4	5
40	Quantification of aflatoxin and ochratoxin contamination in animal milk using UHPLC-MS/SRM method: a small-scale study. Journal of Food Science and Technology, 2021, 58, 3453-3464.	2.8	4
41	Investigation of Prenatal Pesticide Exposure and Neurodevelopmental Deficits in Northern Thailand: Protocol for a Longitudinal Birth Cohort Study. JMIR Research Protocols, 2022, 11, e31696.	1.0	4
42	Primary Drinking Water Source and Acute Gastrointestinal Illness: New Mexico, 2007. Water Quality, Exposure, and Health, 2015, 7, 285-294.	1.5	1
43	Statistical Issues: Barr et al. Respond. Environmental Health Perspectives, 2006, 114, .	6.0	0
44	Prenatal per- and polyfluoroalkyl substance (PFAS) exposure, metabolomic perturbation, and lower birth weight in African American women: a meet-in-the-middle approach. ISEE Conference Abstracts, 2021, 2021, .	0.0	0