Title	Author	Source	Year	DOI	Field	
Vital Environmental Sources for Multitudinous Fluorinated Chemicals: New Evidence from Industrial Byproducts in Multienvironmental Matrices in a Fluorochemical Manufactory	A. He, et al.	Environmental Science and Technology 56(23)	2022		PFAs, chemicals	
Naturally occurring metals in unregulated domestic Wells in Nevada, USA	M. Arienzo et al.	Science of the Total Environment	2022	10.1016/j.scitotenv.2022.158277	groundwater	xx
Assessment of the variation of heavy metals and pesticide residues in native and modern potato (Solanum tuberosum L.) cultivars grown at different altitudes in a typical mining region in Peru	Noelia S. Bedoya-Perales, et al.	Toxicology Reports	2023	https://doi.org/10.1016/j.toxrep.2023.06.005	food, chemicals	
Mercury Cycling in Stream Ecosystems. 2. Benthic Methylmercury Production and Bed Sediment-Pore Water Partitioning	M. MARVIN-DIPASQUALE et al.	*Environ. Sci. Technol.*	2009	doi: 10.1021/es802698v	sediment chemistry	xx
Human health risk associated with metal exposure at Agbogbloshie e-waste site and the surrounding neighbourhood in Accra, Ghana	M. Dodd, et al.	Environ Geochem Health	2023	https://doi.org/10.1007/s10653-023-01503-0	human health, chemistry	xx
Baseline Assessment of Left-Censored Environmental Data Using R	A. Bolks, et al.	USEPA Nonpoint Source Monitoring Program TechNotes #10	2014	https://www.epa.gov/polluted-runoff-nonpoint- so	guidance doc	xx
Feathers and hair as tools for non-destructive pollution exposure assessment in a mining site of the Iberian Pyrite Belt	E. Gil-Jimenez, et al.	Environmental Pollution	2020	https://doi.org/10.1016/j.envpol.2020.114523	biota health, mining	
Residual herbicide concentrations in on-farm water storage–tailwater recovery systems: Preliminary assessment	E. M. Grantz, et al.	Agricultural & Environmental Letters	2019	DOI: 10.1002/ael2.20009	agricultural chemistry	xx
Evaluating environmental DNA detection of a rare fish in turbid water using field and experimental approaches	A. E. Holmes et al.	PeerJ	2024	DOI 10.7717/peerj.16453	DNA, fish	
Preterm Birth and Metal Mixture Exposure among Pregnant Women from the Navajo Birth Cohort Study	J. H. Hoover, et al.	Environmental Health Perspectives	2023	https://doi.org/10.1289/EHP10361	human health, chemistry	xx
A harmonized Danube basin-wide multi-compartment concentration database to support inventories of micropollutant emissions to surface waters	S. Kittlaus, et al.	*Environmental Sciences Europe*	2024	https://doi.org/10.1186/s12302-024-00862-4	Multivariate, surface waters	xx
A source-based framework to estimate the annual load of PFAS in municipal wastewater	N. Krlovic, et al.	Science of The Total Environment	2024	10.1016/j.scitotenv.2024.170997	PFAs, wastewater	xx

Networks of placental DNA methylation correlate with maternal serum PCB concentrations and child neurodevelopment	J. S. Mouat, et al.	Environmental Research	2023	https://doi.org/10.1016/j.envres.2023.115227	human health, chemistry	xx
Organohalogenated contaminants in multiple life stages of the Pacific lamprey (Entosphenus tridentatus), Oregon, USA	C. D. Smith, et al.	Environmental Pollution	2023	https://doi.org/10.1016/j.envpol.2023.122363	fish, chemistry	xx
Perfluoroalkyl Substances (PFASs) in the Canadian Freshwater Environment	B. Lalonde and C. Garron	Archives of Environmental Contamination and Toxicology	2022	https://doi.org/10.1007/s00244-022-00922-x	PFAs, surface water	xx
Persistent Organic Pollutants in Whale Shark (Rhincodon typus) Skin Biopsies from Bahía de Los Ángeles, Mexico	S. I. Villagómez-Vélez, et al.	Bulletin of Environmental Contamination and Toxicology	2024	https://doi.org/10.1007/s00128-023-03841-2	fish, chemistry	xx
Gross alpha and beta measurements in drinkable water from seven major geographical regions of China and the associated cancer risks	C. Sang, et al.	Ecotoxicology and Environmental Safety	2021	https://doi.org/10.1016/j.ecoenv.2020.111728	radiochemistry, drinking water	xx
Ecotoxicological mixture risk assessment of 35 pharmaceuticals in wastewater effluents following post-treatment with ozone and/or granulated activated carbon	F. D. Spilsbury, et al.	Science of the Total Environment	2023	DOI: 10.1016/j.scitotenv.2023.167440	wastewater, chemistry	xx
Statement of the Scientific Panel on Plant Protection Products and their Residues (PPR Panel) on the design and conduct of groundwater monitoring studies supporting groundwater exposure assessments of pesticides	EFSA Panel on Plant Protection Products and their Residues (PPR)	EFSA Journal	2023	doi: 10.2903/j.efsa.2023.7990	guidance doc	xx
Presence and Immunoreactivity of Aggregatibacter actinomycetemcomitans in Rheumatoid Arthritis	A. Svard, et al.	Pathogens	2024	https://doi.org/10.3390/pathogens13050368	human health	xx
A statistical assessment of pesticide pollution in surface waters using environmental monitoring data: Chlorpyrifos in Central Valley, California	D. Wang, et al.	Science of the Total Environment	2016	http://dx.doi.org/10.1016/j.scitotenv.2016.07.159	surface water, chemistry	xx
Per- and polyfluoroalkyl substances (PFAS) in little penguins and associations with urbanisation and health parameters	M.R. Wells, et al.	Science of the Total Environment	2023	DOI: 10.1016/j.scitotenv.2023.169084	biota, PFAs	xx
Per- and polyfluoroalkyl substances (PFAS) in Canadian municipal wastewater and biosolids: Recent patterns and time trends 2009 to 2021	S. B. Gewurtz, et al.	Science of the Total Environment	2024	https://doi.org/10.1016/j.scitotenv.2023.168638	PFAs, wastewater, multivariate	xx
Occurrence, Geochemistry and Speciation of Elevated Arsenic Concentrations in a Fractured Bedrock Aquifer System	E. McGrory, et al.	Archives of Environmental Contamination and Toxicology	2021	https://doi.org/10.1007/s00244-021-00887-3	groundwater, chemistry, multivariate	xx

Assessment of the organotin pollution in the coastal sediments of the Western Arabian Gulf, Saudi Arabia	A. T. Hassan, et al.	Marine Pollution Bulletin	2019	https://doi.org/10.1016/j.marpolbul.2018.12.041	sediment chemistry, multivariate	xx
Occurrence and possible sources of arsenic in seafloor sediments surrounding sea-disposed munitions and chemical agents near O'ahu, Hawai'i	M.S. Tomlinson and E.H. De Carlo	Deep-Sea Research II	2016	http://dx.doi.org/10.1016/j.dsr2.2014.11.022	sediment chemistry, multivariate	xx
Statistical analysis of trace contaminants measured in biogas	K.F. Chin, et al.	Science of the Total Environment	2020	https://doi.org/10.1016/j.scitotenv.2020.138702	air chemistry	xx
Stimulating thyrotropin receptor antibodies in early pregnancy	N. M. Uldall-Torp, et al.	Clinical Chemistry and Laboratory Medicine	2024	https://doi.org/10.1089/105072502760043503	human health	
Sea turtle egg yolk and albumen as biomonitoring matrices for maternal burdens of organic pollutants	C.C. Munoz and P. Vermeiren	Marine Pollution Bulletin	2023	https://doi.org/10.1016/j.marpolbul.2023.115280	biota health, chemistry	xx
Cut-offs for thyroid peroxidase and thyroglobulin antibodies in early pregnancy	S. L. Andersen, et al.	European Thyroid Journal	2022	doi: 10.1530/ETJ-22-0142	human health, chemistry	xx
High Fruit and Vegetable Consumption and Moderate Fat Intake Are Associated with Higher Carotenoid Concentration in Human Plasma	M. Marhuenda-Muñoz, et al.	Antioxidants	2021	https://doi.org/10.3390/antiox10030473	human health, chemistry	xx
Extensive analysis of radiocesium concentrations in wild mushrooms in eastern Japan affected by the Fukushima nuclear accident: Use of open accessible monitoring data	M. Komatsu, et al.	Environmental Pollution	2019	https://doi.org/10.1016/j.envpol.2019.113236	food, chemicals	
Trends in air toxics cancer risk in Southern California, 1998-2018	M. M. Maestas, et al.	Environ. Res.: Health	2024	https://doi.org/10.1088/2752-5309/ad2f09	air chemistry	xx
Combining statistical methods for detecting potential outliers in groundwater quality time series	W. Berendrecht, et al.	Environ. Monitoring & Assessment	2023	https://doi.org/10.1007/s10661-022-10661-0	groundwater	xx
Baseline models of trace elements in major aquifers of the United States	L. Lee and D. Helsel	Applied Geochemistry	2005	www.elsevier.com/locate/apgeochem	groundwater	
Defining natural baselines for rates of change in New Zealand's groundwater quality: Dealing with incomplete or disparate datasets, accounting for impacted sites, and merging into state of the-environment reporting	M. Moreau & C. Daughney	Science of the Total Environment	2020	https://doi.org/10.1016/j.scitotenv.2020.143292	groundwater	possible
Occurrence and origin of thallium in mineral and thermal waters from the northern Upper Rhine Graben and adjacent regions, Germany	Wittig et al.	Grundwasser – Zeitschrift der Fachsektion Hydrogeologie	2025	https://doi.org/10.1007/s00767-025-00589-w	groundwater, chemistry, multivariate	xx
Geochemical Patterns and Human Health Risks of Less-Regulated Metal(loid)s in Historical Urban and Industrial Topsoils from Alcalá de Henares, Spain	Peña-Fernández et al.	Journal of Xenobiotics	2026	https://doi.org/10.3390/jox16010017	human health, multivariate	xx

In Vitro Effect-Based Analysis of Stormwater Pond Sediments: Linkage to the Organic Contaminant Profile	Wei et al.	ES&T Water	2026	https://doi.org/10.1021/acsestwater.5c00974	stormwater, sediments	xx
Dynamics of potentially toxic elements in small rivers during high-flow events	Kittlaus et al.	Journal of Contaminant Hydrology	2025	https://doi.org/10.1016/j.jconhyd.2025.104659	surface water, chemistry	xx
Comparing phthalate exposure between bottlenose dolphins (Tursiops truncatus) residing in urban and rural environments	Dziobak et al.	Frontiers in Marine Science	2025	DOI 10.3389/fmars.2025.1554075	biota, urban v. rural	xx
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