Arthur David

List of Publications by Year in descending order

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41 papers	2,419 citations	331670 21 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	2949 citing authors

#	Article	IF	Citations
1	Acute Toxicity, Teratogenic, and Estrogenic Effects of Bisphenol A and Its Alternative Replacements Bisphenol S, Bisphenol F, and Bisphenol AF in Zebrafish Embryo-Larvae. Environmental Science & Technology, 2017, 51, 12796-12805.	10.0	344
2	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. Environmental Science & Technology, 2015, 49, 12731-12740.	10.0	324
3	Widespread contamination of wildflower and bee-collected pollen with complex mixtures of neonicotinoids and fungicides commonly applied to crops. Environment International, 2016, 88, 169-178.	10.0	291
4	Contamination of wild plants near neonicotinoid seed-treated crops, and implications for non-target insects. Science of the Total Environment, 2016, 566-567, 269-278.	8.0	168
5	Alkylphenols in marine environments: Distribution monitoring strategies and detection considerations. Marine Pollution Bulletin, 2009, 58, 953-960.	5.0	157
6	Bisphenol A and its analogues: A comprehensive review to identify and prioritize effect biomarkers for human biomonitoring. Environment International, 2020, 144, 105811.	10.0	133
7	Quantifying exposure of wild bumblebees to mixtures of agrochemicals in agricultural and urban landscapes. Environmental Pollution, 2017, 222, 73-82.	7.5	107
8	Sensitive determination of mixtures of neonicotinoid and fungicide residues in pollen and single bumblebees using a scaled down QuEChERS method for exposure assessment. Analytical and Bioanalytical Chemistry, 2015, 407, 8151-8162.	3.7	79
9	A review of nanoscale LC-ESI for metabolomics and its potential to enhance the metabolome coverage. Talanta, 2018, 182, 380-390.	5.5	76
10	The Neonicotinoid Insecticide Thiacloprid Impacts upon Bumblebee Colony Development under Field Conditions. Environmental Science & Technology, 2017, 51, 1727-1732.	10.0	74
11	A new approach for plasma (xeno)metabolomics based on solid-phase extraction and nanoflow liquid chromatography-nanoelectrospray ionisation mass spectrometry. Journal of Chromatography A, 2014, 1365, 72-85.	3.7	63
12	In vivo exposure of marine mussels to carbamazepine and 10-hydroxy-10,11-dihydro-carbamazepine: Bioconcentration and metabolization. Science of the Total Environment, 2015, 532, 564-570.	8.0	51
13	Towards a systematic use of effect biomarkers in population and occupational biomonitoring. Environment International, 2021, 146, 106257.	10.0	48
14	Disruption of the Prostaglandin Metabolome and Characterization of the Pharmaceutical Exposome in Fish Exposed to Wastewater Treatment Works Effluent As Revealed by Nanoflow-Nanospray Mass Spectrometry-Based Metabolomics. Environmental Science & Technology, 2017, 51, 616-624.	10.0	46
15	Concentrating mixtures of neuroactive pharmaceuticals and altered neurotransmitter levels in the brain of fish exposed to a wastewater effluent. Science of the Total Environment, 2018, 621, 782-790.	8.0	46
16	Towards a comprehensive characterisation of the human internal chemical exposome: Challenges and perspectives. Environment International, 2021, 156, 106630.	10.0	39
17	Evaluation of analytical performance and reliability of direct nanoLCâ€nanoESIâ€high resolution mass spectrometry for profiling the (xeno)metabolome. Journal of Mass Spectrometry, 2014, 49, 1063-1069.	1.6	37
18	Bisphenols and Oxidative Stress Biomarkersâ€”Associations Found in Human Studies, Evaluation of Methods Used, and Strengths and Weaknesses of the Biomarkers. International Journal of Environmental Research and Public Health, 2020, 17, 3609.	2.6	35

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19	Metabolomics as a powerful tool to decipher the biological effects of environmental contaminants in humans. Current Opinion in Toxicology, 2018, 8, 48-56.	5.0	34
20	Monitoring Neonicotinoid Exposure for Bees in Rural and Peri-urban Areas of the U.K. during the Transition from Pre- to Post-moratorium. Environmental Science & Technology, 2018, 52, 9391-9402.	10.0	34
21	Spatial and temporal trends in water quality in a Mediterranean temporary river impacted by sewage effluents. Environmental Monitoring and Assessment, 2013, 185, 2517-2534.	2.7	26
22	BDNF as a potential mediator between childhood BPA exposure and behavioral function in adolescent boys from the INMA-Granada cohort. Science of the Total Environment, 2022, 803, 150014.	8.0	23
23	From Metabolomics to HRMS-Based Exposomics: Adapting Peak Picking and Developing Scoring for MS1 Suspect Screening. Analytical Chemistry, 2021, 93, 1792-1800.	6.5	21
24	Acetaminophen metabolism revisited using non-targeted analyses: Implications for human biomonitoring. Environment International, 2021, 149, 106388.	10.0	20
25	Implication of two in-stream processes in the fate of nutrients discharged by sewage system into a temporary river. Environmental Monitoring and Assessment, 2011, 181, 491-507.	2.7	19
26	Merging the exposome into an integrated framework for â€œomicsâ€•sciences. IScience, 2022, 25, 103976.	4.1	18
27	Impact of Urban Wastewater Discharges on the Sediments of a Small Mediterranean River and Associated Coastal Environment: Assessment of Estrogenic and Dioxin-like Activities. Archives of Environmental Contamination and Toxicology, 2010, 58, 562-575.	4.1	15
28	Monitoring organic contaminants in small French coastal lagoons: comparison of levels in mussel, passive sampler and sediment. Journal of Environmental Monitoring, 2010, 12, 1471.	2.1	14
29	Exploring the relationship between metal exposure, BDNF, and behavior in adolescent males. International Journal of Hygiene and Environmental Health, 2022, 239, 113877.	4.3	14
30	Contamination of riverbed sediments by hazardous substances in the Mediterranean context: Influence of hydrological conditions. Journal of Hydrology, 2012, 468-469, 76-84.	5.4	8
31	Comprehensive Evaluation of Blood Plasma and Serum Sample Preparations for HRMS-Based Chemical Exposomics: Overlaps and Specificities. Analytical Chemistry, 2022, 94, 866-874.	6.5	8
32	Exposure to non-persistent pesticides, BDNF, and behavioral function in adolescent males: Exploring a novel effect biomarker approach. Environmental Research, 2022, 211, 113115.	7.5	8
33	Analytical techniques in metabolomics. , 2020, , 35-64.		7
34	Improving Exposure Assessment Using Non-Targeted and Suspect Screening: The ISO/IEC 17025: 2017 Quality Standard as a Guideline. Journal of Xenobiotics, 2021, 11, 1-15.	6.7	6
35	Seasonal variation in oestrogenic potency and biological effects of wastewater treatment works effluents assessed using ERE-GFP transgenic zebrafish embryo-larvae. Aquatic Toxicology, 2021, 237, 105864.	4.0	6
36	Analytical strategies to profile the internal chemical exposome and the metabolome of human placenta. Analytica Chimica Acta, 2022, 1219, 339983.	5.4	5

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37	In vitro biomonitoring of contamination by estrogenic compounds in coastal environments: Comments on the use of M. galloprovincialis. Environmental Toxicology, 2012, 27, 74-82.	4.0	4
38	Response to Comment on â€œNeonicotinoid Residues in Wildflowers, A Potential Route of Chronic Exposure for Beesâ€• Environmental Science & Technology, 2016, 50, 1630-1631.	10.0	4
39	Temporal study of estrogenic responses of mussel (Mytilus galloprovinciallis) extracts applied to reporter cell lines. Marine Environmental Research, 2008, 66, 105-107.	2.5	3
40	Health Effects and Life Stage Sensitivities in Zebrafish Exposed to an Estrogenic Wastewater Treatment Works Effluent. Frontiers in Endocrinology, 2021, 12, 666656.	3.5	2
41	Effects of maternal exposure to environmentally relevant concentrations of 17Î±-ethinyloestradiol in a live bearing freshwater fish, Xenotoca eiseni (Cyprinodontiformes, Goodeidae). Aquatic Toxicology, 2021, 232, 105746.	4.0	0