

Arthur David

List of Publications by Year in descending order

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Version: 2024-02-01

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	BDNF as a potential mediator between childhood BPA exposure and behavioral function in adolescent boys from the INMA-Granada cohort. <i>Science of the Total Environment</i> , 2022, 803, 150014.	8.0	23
2	Exploring the relationship between metal exposure, BDNF, and behavior in adolescent males. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 239, 113877.	4.3	14
3	Comprehensive Evaluation of Blood Plasma and Serum Sample Preparations for HRMS-Based Chemical Exposomics: Overlaps and Specificities. <i>Analytical Chemistry</i> , 2022, 94, 866-874.	6.5	8
4	Merging the exposome into an integrated framework for "omics" sciences. <i>IScience</i> , 2022, 25, 103976.	4.1	18
5	Exposure to non-persistent pesticides, BDNF, and behavioral function in adolescent males: Exploring a novel effect biomarker approach. <i>Environmental Research</i> , 2022, 211, 113115.	7.5	8
6	Analytical strategies to profile the internal chemical exposome and the metabolome of human placenta. <i>Analytica Chimica Acta</i> , 2022, 1219, 339983.	5.4	5
7	Towards a systematic use of effect biomarkers in population and occupational biomonitoring. <i>Environment International</i> , 2021, 146, 106257.	10.0	48
8	From Metabolomics to HRMS-Based Exposomics: Adapting Peak Picking and Developing Scoring for MS1 Suspect Screening. <i>Analytical Chemistry</i> , 2021, 93, 1792-1800.	6.5	21
9	Improving Exposure Assessment Using Non-Targeted and Suspect Screening: The ISO/IEC 17025: 2017 Quality Standard as a Guideline. <i>Journal of Xenobiotics</i> , 2021, 11, 1-15.	6.7	6
10	Effects of maternal exposure to environmentally relevant concentrations of 17 β -ethinyloestradiol in a live bearing freshwater fish, <i>Xenotoca eiseni</i> (Cyprinodontiformes, Goodeidae). <i>Aquatic Toxicology</i> , 2021, 232, 105746.	4.0	0
11	Acetaminophen metabolism revisited using non-targeted analyses: Implications for human biomonitoring. <i>Environment International</i> , 2021, 149, 106388.	10.0	20
12	Health Effects and Life Stage Sensitivities in Zebrafish Exposed to an Estrogenic Wastewater Treatment Works Effluent. <i>Frontiers in Endocrinology</i> , 2021, 12, 666656.	3.5	2
13	Seasonal variation in oestrogenic potency and biological effects of wastewater treatment works effluents assessed using ERE-GFP transgenic zebrafish embryo-larvae. <i>Aquatic Toxicology</i> , 2021, 237, 105864.	4.0	6
14	Towards a comprehensive characterisation of the human internal chemical exposome: Challenges and perspectives. <i>Environment International</i> , 2021, 156, 106630.	10.0	39
15	Bisphenol A and its analogues: A comprehensive review to identify and prioritize effect biomarkers for human biomonitoring. <i>Environment International</i> , 2020, 144, 105811.	10.0	133
16	Bisphenols and Oxidative Stress Biomarkers' Associations Found in Human Studies, Evaluation of Methods Used, and Strengths and Weaknesses of the Biomarkers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3609.	2.6	35
17	Analytical techniques in metabolomics. , 2020, , 35-64.		7
18	A review of nanoscale LC-ESI for metabolomics and its potential to enhance the metabolome coverage. <i>Talanta</i> , 2018, 182, 380-390.	5.5	76

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19	Metabolomics as a powerful tool to decipher the biological effects of environmental contaminants in humans. <i>Current Opinion in Toxicology</i> , 2018, 8, 48-56.	5.0	34
20	Concentrating mixtures of neuroactive pharmaceuticals and altered neurotransmitter levels in the brain of fish exposed to a wastewater effluent. <i>Science of the Total Environment</i> , 2018, 621, 782-790.	8.0	46
21	Monitoring Neonicotinoid Exposure for Bees in Rural and Peri-urban Areas of the U.K. during the Transition from Pre- to Post-moratorium. <i>Environmental Science & Technology</i> , 2018, 52, 9391-9402.	10.0	34
22	Quantifying exposure of wild bumblebees to mixtures of agrochemicals in agricultural and urban landscapes. <i>Environmental Pollution</i> , 2017, 222, 73-82.	7.5	107
23	The Neonicotinoid Insecticide Thiacloprid Impacts upon Bumblebee Colony Development under Field Conditions. <i>Environmental Science & Technology</i> , 2017, 51, 1727-1732.	10.0	74
24	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. <i>Environmental Science & Technology</i> , 2017, 51, 616-624.	10.0	46
25	Acute Toxicity, Teratogenic, and Estrogenic Effects of Bisphenol A and Its Alternative Replacements Bisphenol S, Bisphenol F, and Bisphenol AF in Zebrafish Embryo-Larvae. <i>Environmental Science & Technology</i> , 2017, 51, 12796-12805.	10.0	344
26	Contamination of wild plants near neonicotinoid seed-treated crops, and implications for non-target insects. <i>Science of the Total Environment</i> , 2016, 566-567, 269-278.	8.0	168
27	Widespread contamination of wildflower and bee-collected pollen with complex mixtures of neonicotinoids and fungicides commonly applied to crops. <i>Environment International</i> , 2016, 88, 169-178.	10.0	291
28	Response to Comment on "Neonicotinoid Residues in Wildflowers, A Potential Route of Chronic Exposure for Bees". <i>Environmental Science & Technology</i> , 2016, 50, 1630-1631.	10.0	4
29	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. <i>Environmental Science & Technology</i> , 2015, 49, 12731-12740.	10.0	324
30	Sensitive determination of mixtures of neonicotinoid and fungicide residues in pollen and single bumblebees using a scaled down QuEChERS method for exposure assessment. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8151-8162.	3.7	79
31	In vivo exposure of marine mussels to carbamazepine and 10-hydroxy-10,11-dihydro-carbamazepine: Bioconcentration and metabolization. <i>Science of the Total Environment</i> , 2015, 532, 564-570.	8.0	51
32	Evaluation of analytical performance and reliability of direct nanoLC-nanoESI-high resolution mass spectrometry for profiling the (xeno)metabolome. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1063-1069.	1.6	37
33	A new approach for plasma (xeno)metabolomics based on solid-phase extraction and nanoflow liquid chromatography-nano electrospray ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1365, 72-85.	3.7	63
34	Spatial and temporal trends in water quality in a Mediterranean temporary river impacted by sewage effluents. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2517-2534.	2.7	26
35	Contamination of riverbed sediments by hazardous substances in the Mediterranean context: Influence of hydrological conditions. <i>Journal of Hydrology</i> , 2012, 468-469, 76-84.	5.4	8
36	<i>In vitro</i> biomonitoring of contamination by estrogenic compounds in coastal environments: Comments on the use of <i>M. galloprovincialis</i> . <i>Environmental Toxicology</i> , 2012, 27, 74-82.	4.0	4

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37	Implication of two in-stream processes in the fate of nutrients discharged by sewage system into a temporary river. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 491-507.	2.7	19
38	Impact of Urban Wastewater Discharges on the Sediments of a Small Mediterranean River and Associated Coastal Environment: Assessment of Estrogenic and Dioxin-like Activities. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 562-575.	4.1	15
39	Monitoring organic contaminants in small French coastal lagoons: comparison of levels in mussel, passive sampler and sediment. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1471.	2.1	14
40	Alkylphenols in marine environments: Distribution monitoring strategies and detection considerations. <i>Marine Pollution Bulletin</i> , 2009, 58, 953-960.	5.0	157
41	Temporal study of estrogenic responses of mussel (<i>Mytilus galloprovincialis</i>) extracts applied to reporter cell lines. <i>Marine Environmental Research</i> , 2008, 66, 105-107.	2.5	3