Elizabeth M Hill

List of Publications by Year
in descending order

26 papers	1,894 citations	394421 19 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	2516 citing authors

#	Article	IF	Citations
1	The potential of nanoflow liquid chromatography-nano electrospray ionisation-mass spectrometry for global profiling the faecal metabolome. Journal of Chromatography A, 2019, 1600, 127-136.	3.7	18
2	Arbuscular Mycorrhizal Fungi and Plant Chemical Defence: Effects of Colonisation on Aboveground and Belowground Metabolomes. Journal of Chemical Ecology, 2018, 44, 198-208.	1.8	79
3	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
4	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
5	Quantifying exposure of wild bumblebees to mixtures of agrochemicals in agricultural and urban landscapes. Environmental Pollution, 2017, 222, 73-82.	7.5	107
6	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
7	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
8	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
9	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
10	Use of a pre-analysis osmolality normalisation method to correct for variable urine concentrations and for improved metabolomic analyses. Journal of Chromatography A, 2016, 1431, 103-110.	3.7	42
11	Environmental chemicals active as human antiandrogens do not activate a stickleback androgen receptor but enhance a feminising effect of oestrogen in roach. Aquatic Toxicology, 2015, 168, 48-59.	4.0	25
12	Widespread contamination of coastal sediments in the Transmanche Channel with anti-androgenic compounds. Marine Pollution Bulletin, 2015, 95, 590-597.	5.0	18
13	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. Environmental Science & Technology, 2015, 49, 12731-12740.	10.0	324
14	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
15	Solid-Phase Extraction and Nanoflow Liquid Chromatography-Nanoelectrospray Ionization Mass Spectrometry for Improved Global Urine Metabolomics. Analytical Chemistry, 2015, 87, 1158-1165.	6.5	37
16	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
17	Distinguishing between the metabolome and xenobiotic exposome in environmental field samples analysed by direct-infusion mass spectrometry based metabolomics and lipidomics. Metabolomics, 2014, 10, 1050-1058.	3.0	29
18	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

#	Article	IF	Citations
19	Analytical methodology for the profiling and characterization of androgen receptor active compounds in human placenta. Reproductive Toxicology, 2014, 47, 102-110.	2.9	8
20	Global Metabolite Profiling Reveals Transformation Pathways and Novel Metabolomic Responses in Solea senegalensis after Exposure to a Non-ionic Surfactant. Environmental Science & Technology, 2014, 48, 5203-5210.	10.0	9
21	Methodology for profiling anti-androgen mixtures in river water using multiple passive samplers and bioassay-directed analyses. Water Research, 2014, 57, 258-269.	11.3	46
22	Plant secondary metabolites and the interactions between plants and other organisms. , 2012, , 204-225.		5
23	The Xenometabolome and Novel Contaminant Markers in Fish Exposed to a Wastewater Treatment Works Effluent. Environmental Science & Technology, 2012, 46, 9080-9088.	10.0	57
24	Uptake and Biological Effects of Environmentally Relevant Concentrations of the Nonsteroidal Anti-inflammatory Pharmaceutical Diclofenac in Rainbow Trout (Oncorhynchus mykiss). Environmental Science & Technology, 2010, 44, 2176-2182.	10.0	267
25	Methodology for Profiling the Steroid Metabolome in Animal Tissues Using Ultraperformance Liquid Chromatographyâ^'Electrospray-Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2008, 80, 8771-8779.	6.5	48
26	Identification and steroid receptor activity of products formed from the bromination of technical nonylphenol. Chemosphere, 2006, 64, 1761-1768.	8.2	7