

Elizabeth M Hill

List of Publications by Year in descending order

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26
papers

1,894
citations

394421

19
h-index

580821

25
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26
all docs

26
docs citations

26
times ranked

2516
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. <i>Environmental Science & Technology</i> , 2015, 49, 12731-12740.	10.0	324
2	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
3	Uptake and Biological Effects of Environmentally Relevant Concentrations of the Nonsteroidal Anti-inflammatory Pharmaceutical Diclofenac in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Science & Technology</i> , 2010, 44, 2176-2182.	10.0	267
4	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
5	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
6	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
7	Arbuscular Mycorrhizal Fungi and Plant Chemical Defence: Effects of Colonisation on Aboveground and Belowground Metabolomes. <i>Journal of Chemical Ecology</i> , 2018, 44, 198-208.	1.8	79
8	A new approach for plasma (xeno)metabolomics based on solid-phase extraction and nanoflow liquid chromatography-nanoelectrospray ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1365, 72-85.	3.7	63
9	The Xenometabolome and Novel Contaminant Markers in Fish Exposed to a Wastewater Treatment Works Effluent. <i>Environmental Science & Technology</i> , 2012, 46, 9080-9088.	10.0	57
10	Methodology for Profiling the Steroid Metabolome in Animal Tissues Using Ultrapformance Liquid Chromatography-Electrospray-Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 8771-8779.	6.5	48
11	Methodology for profiling anti-androgen mixtures in river water using multiple passive samplers and bioassay-directed analyses. <i>Water Research</i> , 2014, 57, 258-269.	11.3	46
12	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
13	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
14	Use of a pre-analysis osmolality normalisation method to correct for variable urine concentrations and for improved metabolomic analyses. <i>Journal of Chromatography A</i> , 2016, 1431, 103-110.	3.7	42
15	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
16	Solid-Phase Extraction and Nanoflow Liquid Chromatography-Nanoelectrospray Ionization Mass Spectrometry for Improved Global Urine Metabolomics. <i>Analytical Chemistry</i> , 2015, 87, 1158-1165.	6.5	37
17	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
18	Distinguishing between the metabolome and xenobiotic exposome in environmental field samples analysed by direct-infusion mass spectrometry based metabolomics and lipidomics. <i>Metabolomics</i> , 2014, 10, 1050-1058.	3.0	29

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19	Environmental chemicals active as human antiandrogens do not activate a stickleback androgen receptor but enhance a feminising effect of oestrogen in roach. <i>Aquatic Toxicology</i> , 2015, 168, 48-59.	4.0	25
20	Widespread contamination of coastal sediments in the Transmanche Channel with anti-androgenic compounds. <i>Marine Pollution Bulletin</i> , 2015, 95, 590-597.	5.0	18
21	The potential of nanoflow liquid chromatography-nano electrospray ionisation-mass spectrometry for global profiling the faecal metabolome. <i>Journal of Chromatography A</i> , 2019, 1600, 127-136.	3.7	18
22	Global Metabolite Profiling Reveals Transformation Pathways and Novel Metabolomic Responses in <i>Solea senegalensis</i> after Exposure to a Non-ionic Surfactant. <i>Environmental Science & Technology</i> , 2014, 48, 5203-5210.	10.0	9
23	Analytical methodology for the profiling and characterization of androgen receptor active compounds in human placenta. <i>Reproductive Toxicology</i> , 2014, 47, 102-110.	2.9	8
24	Identification and steroid receptor activity of products formed from the bromination of technical nonylphenol. <i>Chemosphere</i> , 2006, 64, 1761-1768.	8.2	7
25	Plant secondary metabolites and the interactions between plants and other organisms. , 2012, , 204-225.		5
26	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