

# Ester Heath

## List of Publications by Citations

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98  
papers

4,076  
citations

35  
h-index

62  
g-index

101  
ext. papers

4,801  
ext. citations

8  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
98	Consolidated vs new advanced treatment methods for the removal of contaminants of emerging concern from urban wastewater. <i>Science of the Total Environment</i> , <b>2019</b> , 655, 986-1008	10.2	319
97	Occurrence, fate and determination of cytostatic pharmaceuticals in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2011</b> , 30, 1065-1087	14.6	177
96	Removal of pharmaceuticals from wastewater by biological processes, hydrodynamic cavitation and UV treatment. <i>Ultrasonics Sonochemistry</i> , <b>2013</b> , 20, 1104-12	8.9	174
95	Determination of UV filters and antimicrobial agents in environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1343-50	4.4	171
94	Fate of carbamazepine during water treatment. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6256-613	6.1	165
93	Determination of non-steroidal anti-inflammatory drug (NSAIDs) residues in water samples. <i>Environment International</i> , <b>2005</b> , 31, 679-85	12.9	165
92	Use of hydrodynamic cavitation in (waste)water treatment. <i>Ultrasonics Sonochemistry</i> , <b>2016</b> , 29, 577-88	8.9	154
91	Ecotoxicity of carbamazepine and its UV photolysis transformation products. <i>Science of the Total Environment</i> , <b>2013</b> , 443, 870-6	10.2	129
90	Combination of in vitro bioassays for the determination of cytotoxic and genotoxic potential of wastewater, surface water and drinking water samples. <i>Chemosphere</i> , <b>2009</b> , 75, 1453-60	8.4	128
89	Influence of pharmaceutical residues on the structure of activated sludge bacterial communities in wastewater treatment bioreactors. <i>Water Research</i> , <b>2008</b> , 42, 4578-88	12.5	125
88	Urinary BPA measurements in children and mothers from six European member states: Overall results and determinants of exposure. <i>Environmental Research</i> , <b>2015</b> , 141, 77-85	7.9	119
87	Removal of pharmaceutical residues in a pilot wastewater treatment plant. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1379-87	4.4	102
86	Fluorouracil in the environment: analysis, occurrence, degradation and transformation. <i>Journal of Chromatography A</i> , <b>2013</b> , 1290, 62-72	4.5	96
85	Chemical and toxicological characterisation of anticancer drugs in hospital and municipal wastewaters from Slovenia and Spain. <i>Environmental Pollution</i> , <b>2016</b> , 219, 275-287	9.3	93
84	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , <b>2020</b> , 115, 109-120	4.6	88
83	Mass spectrometry for identifying pharmaceutical biotransformation products in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2007</b> , 26, 1076-1085	14.6	75
82	Determination of NSAIDs in river sediment samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1337-42	4.4	68

81	Assessment of toxicity and genotoxicity of low doses of 5-fluorouracil in zebrafish ( <i>Danio rerio</i> ) two-generation study. <i>Water Research</i> , <b>2015</b> , 77, 201-212	12.5	67
80	Applications of mass spectrometry to identifying pharmaceutical transformation products in water treatment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 807-820	14.6	66
79	Antiviral drugs in aquatic environment and wastewater treatment plants: A review on occurrence, fate, removal and ecotoxicity. <i>Science of the Total Environment</i> , <b>2020</b> , 699, 134322	10.2	66
78	In vitro Phase I and Phase II metabolism of Pyrrolidinovalerophenone (PVP), methylenedioxypropylvalerone (MDPV) and methedrone by human liver microsomes and human liver cytosol. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 5803-16	4.4	61
77	The occurrence and source identification of bisphenol compounds in wastewaters. <i>Science of the Total Environment</i> , <b>2018</b> , 616-617, 744-752	10.2	61
76	Shear-induced hydrodynamic cavitation as a tool for pharmaceutical micropollutants removal from urban wastewater. <i>Ultrasonics Sonochemistry</i> , <b>2014</b> , 21, 1213-21	8.9	60
75	Occurrence of cyclophosphamide and ifosfamide in aqueous environment and their removal by biological and abiotic wastewater treatment processes. <i>Science of the Total Environment</i> , <b>2015</b> , 527-528, 465-73	10.2	60
74	Metabolism studies of diclofenac and clofibric acid in activated sludge bioreactors using liquid chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Hydrology</i> , <b>2009</b> , 372, 109-117	6	59
73	Rotation generator of hydrodynamic cavitation for water treatment. <i>Separation and Purification Technology</i> , <b>2013</b> , 118, 415-423	8.3	57
72	Cytotoxicity and genotoxicity of anticancer drug residues and their mixtures in experimental model with zebrafish liver cells. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 293-300	10.2	50
71	Mercury, selenium, PCBs and fatty acids in fresh and canned fish available on the Slovenian market. <i>Food Chemistry</i> , <b>2011</b> , 124, 711-720	8.5	49
70	The occurrence of contaminants of emerging concern in Slovenian and Croatian wastewaters and receiving Sava river. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 2446-2453	10.2	49
69	Ecotoxicity and genotoxicity of cyclophosphamide, ifosfamide, their metabolites/transformation products and their mixtures. <i>Environmental Pollution</i> , <b>2016</b> , 210, 192-201	9.3	44
68	Biomarkers of exposure in environment-wide association studies - Opportunities to decode the exposome using human biomonitoring data. <i>Environmental Research</i> , <b>2018</b> , 164, 597-624	7.9	43
67	Determination of Bisphenols and Related Compounds in Honey and Their Migration from Selected Food Contact Materials. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 8866-8875	5.7	42
66	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. <i>Talanta</i> , <b>2010</b> , 81, 1189-96	6.2	41
65	The use of quadrupole-time-of-flight mass spectrometer for the elucidation of diclofenac biotransformation products in wastewater. <i>Journal of Chromatography A</i> , <b>2008</b> , 1215, 57-63	4.5	39
64	Trace analysis of benzophenone-derived compounds in surface waters and sediments using solid-phase extraction and microwave-assisted extraction followed by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 3179-90	4.4	37

63	Toxicity of the mixture of selected antineoplastic drugs against aquatic primary producers. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 14780-90	5.1	33
62	Application of complementary mass spectrometric techniques to the identification of ketoprofen phototransformation products. <i>Journal of Mass Spectrometry</i> , <b>2011</b> , 46, 391-401	2.2	33
61	Fate of citalopram during water treatment with O <sub>3</sub> , ClO <sub>2</sub> , UV and Fenton oxidation. <i>Chemosphere</i> , <b>2012</b> , 89, 129-35	8.4	30
60	Seasonal and spatial variations in the occurrence, mass loadings and removal of compounds of emerging concern in the Slovene aqueous environment and environmental risk assessment. <i>Environmental Pollution</i> , <b>2018</b> , 242, 143-154	9.3	29
59	Effects of different compost amendments on the abundance and composition of alkB harboring bacterial communities in a soil under industrial use contaminated with hydrocarbons. <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 96	5.7	28
58	Human metabolites and transformation products of cyclophosphamide and ifosfamide: analysis, occurrence and formation during abiotic treatments. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 11209-11223	5.1	27
57	Biotransformation study of antidepressant sertraline and its removal during biological wastewater treatment. <i>Water Research</i> , <b>2020</b> , 181, 115864	12.5	27
56	Evaluation of acute and chronic ecotoxicity of cyclophosphamide, ifosfamide, their metabolites/transformation products and UV treated samples. <i>Environmental Pollution</i> , <b>2018</b> , 233, 356-363	9.3	27
55	Photolytic fate and genotoxicity of benzophenone-derived compounds and their photodegradation mixtures in the aqueous environment. <i>Chemosphere</i> , <b>2016</b> , 147, 114-23	8.4	26
54	A complex investigation of the extent of pollution in sediments of the Sava River: part 2: persistent organic pollutants. <i>Environmental Monitoring and Assessment</i> , <b>2010</b> , 163, 277-93	3.1	26
53	Photochemical degradation of BPF, BPS and BPZ in aqueous solution: Identification of transformation products and degradation kinetics. <i>Science of the Total Environment</i> , <b>2019</b> , 664, 595-604	10.2	25
52	Disk-based solid phase extraction for the determination of diclofenac and steroidal estrogens E1, E2 and EE2 listed in the WFD watch list by GC-MS. <i>Science of the Total Environment</i> , <b>2017</b> , 590-591, 832-837	10.2	21
51	Urinary bisphenol A in children, mothers and fathers from Slovenia: Overall results and determinants of exposure. <i>Environmental Research</i> , <b>2019</b> , 168, 32-40	7.9	21
50	Stability, biological treatment and UV photolysis of 18 bisphenols under laboratory conditions. <i>Environmental Research</i> , <b>2019</b> , 179, 108738	7.9	19
49	Dynamics of steroid estrogen daily concentrations in hospital effluent and connected waste water treatment plant. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 2221-6		19
48	Determination and photodegradation of sertraline residues in aqueous environment. <i>Environmental Pollution</i> , <b>2020</b> , 256, 113431	9.3	19
47	Aerobic activated sludge transformation of vincristine and identification of the transformation products. <i>Science of the Total Environment</i> , <b>2018</b> , 610-611, 892-904	10.2	18
46	Determination of estrogenic potential in waste water without sample extraction. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 260, 527-33	12.8	18

45	Inter-laboratory exercise on steroid estrogens in aqueous samples. <i>Environmental Pollution</i> , <b>2010</b> , 158, 658-62	9.3	17
44	Tools for evaluating selective serotonin re-uptake inhibitor residues as environmental contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2010</b> , 29, 832-847	14.6	17
43	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. <i>Environment International</i> , <b>2020</b> , 144, 106035	12.9	17
42	Integration of GC-MSD and ER-Calux assay into a single protocol for determining steroid estrogens in environmental samples. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 5069-75	10.2	16
41	Determination of vinblastine in tumour tissue with liquid chromatography-high resolution mass spectrometry. <i>Talanta</i> , <b>2013</b> , 116, 887-93	6.2	14
40	PCB accumulation and tissue distribution in cave salamander ( <i>Proteus anguinus anguinus</i> , Amphibia, Urodela) in the polluted karstic hinterland of the Krupa River, Slovenia. <i>Chemosphere</i> , <b>2011</b> , 84, 987-93	8.4	14
39	New psychoactive substances in several European populations assessed by wastewater-based epidemiology. <i>Water Research</i> , <b>2021</b> , 195, 116983	12.5	14
38	Removal of selected emerging micropollutants from wastewater treatment plant effluent by advanced non-oxidative treatment - A lab-scale case study from Serbia. <i>Science of the Total Environment</i> , <b>2021</b> , 765, 142764	10.2	14
37	Biodegradation of chlorinated alkanes and their commercial mixtures by <i>Pseudomonas</i> sp. strain 273. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2006</b> , 33, 197-207	4.2	12
36	Microalgae-based removal of contaminants of emerging concern: Mechanisms in <i>Chlorella vulgaris</i> and mixed algal-bacterial cultures. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 418, 126284	12.8	12
35	Analytical strategies for the determination of antiviral drugs in the aquatic environment. <i>Trends in Environmental Analytical Chemistry</i> , <b>2019</b> , 24, e00071	12	11
34	Investigation of neonicotinoid pesticides in Slovenian honey by LC-MS/MS. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 104, 45-52	5.4	11
33	The removal of bisphenols and other contaminants of emerging concern by hydrodynamic cavitation: From lab-scale to pilot-scale. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140724	10.2	11
32	Suspect and untargeted screening of bisphenol S metabolites produced by in vitro human liver metabolism. <i>Toxicology Letters</i> , <b>2018</b> , 295, 115-123	4.4	9
31	Sedimentary Record of Polycyclic Aromatic Hydrocarbons in the Gulf of Trieste (Northern Adriatic Sea). <i>Water, Air and Soil Pollution</i> , <b>2006</b> , 6, 605-614		9
30	Molecularly Imprinted Polymers for the Removal of Antidepressants from Contaminated Wastewater. <i>Polymers</i> , <b>2020</b> , 13,	4.5	9
29	The migration of bisphenols from beverage cans and reusable sports bottles. <i>Food Chemistry</i> , <b>2020</b> , 331, 127326	8.5	8
28	Characterization of polychlorinated alkane mixtures--a Monte Carlo modeling approach. <i>Biodegradation</i> , <b>2007</b> , 18, 703-17	4.1	8

27	First inter-laboratory comparison exercise for the determination of anticancer drugs in aqueous samples. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 14692-704	5.1	6
26	The Challenge of the Identification and Quantification of Transformation Products in the Aquatic Environment Using High Resolution Mass Spectrometry. <i>Environmental Pollution</i> , <b>2010</b> , 195-211	0	6
25	Biodegradability of the anticancer drug etoposide and identification of the transformation products. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 14706-17	5.1	6
24	Risk characterization of bisphenol-A in the Slovenian population starting from human biomonitoring data. <i>Environmental Research</i> , <b>2019</b> , 170, 293-300	7.9	6
23	Kinetics and biotransformation products of bisphenol F and S during aerobic degradation with activated sludge. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124079	12.8	6
22	Phycoremediation of municipal wastewater: Removal of nutrients and contaminants of emerging concern. <i>Science of the Total Environment</i> , <b>2021</b> , 782, 146949	10.2	6
21	Elements and Persistent Organic Pollutants in the Sediments of the Sava River. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 95-121	0.8	5
20	Determination of Neonicotinoid Pesticides in Propolis with Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
19	The effects of bisphenol A, F and their mixture on algal and cyanobacterial growth: from additivity to antagonism. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 3445-3454	5.1	5
18	Validation challenges in liquid chromatography-tandem mass spectrometry methods for the analysis of naturally occurring compounds in foodstuffs. <i>Food Chemistry</i> , <b>2019</b> , 294, 46-55	8.5	4
17	Determination of 18 bisphenols in aqueous and biomass phase of high rate algal ponds: Development, validation and application. <i>Chemosphere</i> , <b>2021</b> , 271, 129786	8.4	4
16	Lipid Biomarkers and Their Stable Carbon Isotopes in Oxidic and Anoxic Sediments of Lake Bled (NW Slovenia). <i>Geomicrobiology Journal</i> , <b>2017</b> , 34, 606-617	2.5	3
15	Sources, Occurrence and Fate of Halogenated Heterocyclic Pharmaceuticals in the Environment. <i>Topics in Heterocyclic Chemistry</i> , <b>2011</b> , 247-268	0.2	3
14	Influence of water matrix on benzophenone degradation by UV-irradiation. <i>Journal of the Serbian Chemical Society</i> , <b>2019</b> , 84, 623-632	0.9	3
13	Site- and event-specific wastewater-based epidemiology: Current status and future perspectives. <i>Trends in Environmental Analytical Chemistry</i> , <b>2020</b> , 28, e00105	12	3
12	Analysis, Occurrence, and Fate of Cyclophosphamide and Ifosfamide in Aqueous Environment <b>2020</b> , 259-291		2
11	Transformation Products of Personal Care Products: UV Filters Case Studies <b>2014</b> , 459-492		1
10	5-Fluorouracil and Its Prodrug Capecitabine: Occurrence, Fate and Effects in the Environment <b>2020</b> , 331-375		1

9	Insight into selected emerging micropollutant interactions with wastewater colloidal organic carbon: implications for water treatment and analysis. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 59368-59381	5.1	1
8	Investigation of drugs of abuse in educational institutions using wastewater analysis. <i>Science of the Total Environment</i> , <b>2021</b> , 799, 150013	10.2	1
7	Removal and fate of 18 bisphenols in lab-scale algal bioreactors. <i>Science of the Total Environment</i> , <b>2022</b> , 804, 149878	10.2	1
6	Removal of 18 bisphenols co-present in aqueous media by effectively immobilized titania photocatalyst. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106814	6.8	0
5	Occurrence, fate and determination of tobacco (nicotine) and alcohol (ethanol) residues in waste- and environmental waters. <i>Trends in Environmental Analytical Chemistry</i> , <b>2022</b> , 34, e00164	12	0
4	Enantiomeric profiling of amphetamines in wastewater using chiral derivatisation with gas chromatographic-tandem mass spectrometric detection.. <i>Science of the Total Environment</i> , <b>2022</b> , 835, 155594	10.2	0
3	Degradation of bisphenol A and S in wastewater during cold atmospheric pressure plasma treatment.. <i>Science of the Total Environment</i> , <b>2022</b> , 837, 155707	10.2	0
2	Sedimentary Record of Polycyclic Aromatic Hydrocarbons in the Gulf of Trieste (Northern Adriatic Sea) <b>2006</b> , 241-250		
1	Sarib <b>2010</b> , 389-428		