

Junho Jeon

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,621
citations

361045

20
h-index

344852

36
g-index

37
all docs

37
docs citations

37
times ranked

4530
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of micropollutants in a marine outfall using network analysis and decision tree. <i>Science of the Total Environment</i> , 2022, 806, 150938.	3.9	5
2	Transformation Products of Emerging Pollutants Explored Using Non-Target Screening: Perspective in the Transformation Pathway and Toxicity Mechanism—A Review. <i>Toxics</i> , 2022, 10, 54.	1.6	13
3	A novel method for micropollutant quantification using deep learning and multi-objective optimization. <i>Water Research</i> , 2022, 212, 118080.	5.3	7
4	Long-term degradation of toluene and phenol in soil: Identification of transformation products and pathways via HRMS-based suspect and non-target screening. <i>Journal of Hazardous Materials</i> , 2022, 430, 128429.	6.5	8
5	Identification, quantification, and prioritization of new emerging pollutants in domestic and industrial effluents, Korea: Application of LC-HRMS based suspect and non-target screening. <i>Journal of Hazardous Materials</i> , 2021, 402, 123706.	6.5	57
6	Replacing the internal standard to estimate micropollutants using deep and machine learning. <i>Water Research</i> , 2021, 188, 116535.	5.3	24
7	Emerging pharmaceuticals and industrial chemicals in Nakdong River, Korea: Identification, quantitative monitoring, and prioritization. <i>Chemosphere</i> , 2021, 263, 128014.	4.2	37
8	Occurrence and Concentration of Micropollutants in the Middle-and Down-stream of Nakdong River. <i>Journal of Environmental Analysis Health and Toxicology</i> , 2021, 24, 1-12.	0.1	5
9	Developing a deep learning model for the simulation of micro-pollutants in a watershed. <i>Journal of Cleaner Production</i> , 2021, 300, 126858.	4.6	16
10	Bioconcentration and Biotransformation of Pharmaceuticals in <i>Oryzias latipes</i> using Liquid Chromatography-High Resolution Mass Spectrometry (LC-HRMS). <i>Journal of Environmental Analysis Health and Toxicology</i> , 2021, 24, 51-61.	0.1	0
11	Identification of biotransformation products of organophosphate ester from various aquatic species by suspect and non-target screening approach. <i>Water Research</i> , 2021, 200, 117201.	5.3	20
12	Characterizing biotransformation products and pathways of the flame retardant triphenyl phosphate in <i>Daphnia magna</i> using non-target screening. <i>Science of the Total Environment</i> , 2020, 708, 135106.	3.9	18
13	Ny-Ålesund-oriented organic pollutants in sewage effluent and receiving seawater in the Arctic region of Kongsfjorden. <i>Environmental Pollution</i> , 2020, 258, 113792.	3.7	30
14	Identification of transformation products to characterize the ability of a natural wetland to degrade synthetic organic pollutants. <i>Water Research</i> , 2020, 187, 116425.	5.3	22
15	In vitro biotransformation of pharmaceuticals and pesticides by trout liver S9 in the presence and absence of carbamazepine. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109513.	2.9	12
16	Optimization of suspect and non-target analytical methods using GC/TOF for prioritization of emerging contaminants in the Arctic environment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 11-17.	2.9	29
17	Investigating Influence of Hydrological Regime on Organic Matters Characteristic in a Korean Watershed. <i>Water (Switzerland)</i> , 2019, 11, 512.	1.2	9
18	Occurrence and Concentration of Chemical Additives in Consumer Products in Korea. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5075.	1.2	14

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19	Verification of Automatic Water Sampling System for Chemical Spill Events. Journal of Environmental Analysis Health and Toxicology, 2019, 22, 126-134.	0.1	2
20	Prioritization of highly exposable pharmaceuticals via a suspect/non-target screening approach: A case study for Yeongsan River, Korea. Science of the Total Environment, 2018, 639, 570-579.	3.9	67
21	Multigenerational effect of perfluorooctane sulfonate (PFOS) on the individual fitness and population growth of <i>Daphnia magna</i> . Science of the Total Environment, 2016, 569-570, 1553-1560.	3.9	44
22	Targeted and non-targeted liquid chromatography-mass spectrometric workflows for identification of transformation products of emerging pollutants in the aquatic environment. TrAC - Trends in Analytical Chemistry, 2015, 66, 32-44.	5.8	258
23	Identifying Small Molecules via High Resolution Mass Spectrometry: Communicating Confidence. Environmental Science & Technology, 2014, 48, 2097-2098.	4.6	2,300
24	Aqueous and dietary bioaccumulation of antibiotic tetracycline in <i>D. magna</i> and its multigenerational transfer. Journal of Hazardous Materials, 2014, 279, 428-435.	6.5	54
25	Development and evaluation of new behavioral indexes for a biological early warning system using <i>Daphnia magna</i> . Drinking Water Engineering and Science, 2014, 7, 1-9.	0.8	13
26	Bioconcentration of Organic Contaminants in <i>Daphnia</i> Resting Eggs. Environmental Science & Technology, 2013, 47, 130909151641005.	4.6	7
27	Characterization of acetylcholinesterase inhibition and energy allocation in <i>Daphnia magna</i> exposed to carbaryl. Ecotoxicology and Environmental Safety, 2013, 98, 28-35.	2.9	36
28	Reduction of toxicity of antimicrobial compounds by degradation processes using activated sludge, gamma radiation, and UV. Chemosphere, 2013, 93, 2480-2487.	4.2	21
29	Biotransformation Pathways of Biocides and Pharmaceuticals in Freshwater Crustaceans Based on Structure Elucidation of Metabolites Using High Resolution Mass Spectrometry. Chemical Research in Toxicology, 2013, 26, 313-324.	1.7	69
30	Comparative Toxicokinetics of Organic Micropollutants in Freshwater Crustaceans. Environmental Science & Technology, 2013, 47, 130712083046004.	4.6	13
31	Effects of salinity and organic matter on the partitioning of perfluoroalkyl acid (PFAs) to clay particles. Journal of Environmental Monitoring, 2011, 13, 1803.	2.1	149
32	Effect of perfluorooctanesulfonate on osmoregulation in marine fish, <i>Sebastes schlegeli</i> , under different salinities. Chemosphere, 2010, 81, 228-234.	4.2	29
33	Bioconcentration of perfluorinated compounds in blackrock fish, <i>Sebastes schlegeli</i> , at different salinity levels. Environmental Toxicology and Chemistry, 2010, 29, 2529-2535.	2.2	42
34	Bioaccumulation of Perfluorochemicals in Pacific Oyster under Different Salinity Gradients. Environmental Science & Technology, 2010, 44, 2695-2701.	4.6	98
35	Role of food and clay particles in toxicity of copper and diazinon using <i>Daphnia magna</i> . Ecotoxicology and Environmental Safety, 2010, 73, 400-406.	2.9	18
36	Development of a new biomonitoring method to detect the abnormal activity of <i>Daphnia magna</i> using automated Grid Counter device. Science of the Total Environment, 2008, 389, 545-556.	3.9	41

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37	Fungal biodegradation of carbofuran and carbofuran phenol by the fungus <i>Mucor ramannianus</i> : identification of metabolites. <i>Water Science and Technology</i> , 2007, 55, 163-167.	1.2	34