

Junho Jeon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1715917/publications.pdf>

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	Identifying Small Molecules via High Resolution Mass Spectrometry: Communicating Confidence. <i>Environmental Science & Technology</i> , 2014, 48, 2097-2098.	4.6	2,300
2	Targeted and non-targeted liquid chromatography-mass spectrometric workflows for identification of transformation products of emerging pollutants in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 66, 32-44.	5.8	258
3	Effects of salinity and organic matter on the partitioning of perfluoroalkyl acid (PFAs) to clay particles. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1803.	2.1	149
4	Bioaccumulation of Perfluorochemicals in Pacific Oyster under Different Salinity Gradients. <i>Environmental Science & Technology</i> , 2010, 44, 2695-2701.	4.6	98
5	Biotransformation Pathways of Biocides and Pharmaceuticals in Freshwater Crustaceans Based on Structure Elucidation of Metabolites Using High Resolution Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2013, 26, 313-324.	1.7	69
6	Prioritization of highly exposable pharmaceuticals via a suspect/non-target screening approach: A case study for Yeongsan River, Korea. <i>Science of the Total Environment</i> , 2018, 639, 570-579.	3.9	67
7	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
8	Aqueous and dietary bioaccumulation of antibiotic tetracycline in <i>D. magna</i> and its multigenerational transfer. <i>Journal of Hazardous Materials</i> , 2014, 279, 428-435.	6.5	54
9	Multigenerational effect of perfluorooctane sulfonate (PFOS) on the individual fitness and population growth of <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2016, 569-570, 1553-1560.	3.9	44
10	Bioconcentration of perfluorinated compounds in blackrock fish, <i>Sebastes schlegeli</i> , at different salinity levels. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2529-2535.	2.2	42
11	Development of a new biomonitoring method to detect the abnormal activity of <i>Daphnia magna</i> using automated Grid Counter device. <i>Science of the Total Environment</i> , 2008, 389, 545-556.	3.9	41
12	Emerging pharmaceuticals and industrial chemicals in Nakdong River, Korea: Identification, quantitative monitoring, and prioritization. <i>Chemosphere</i> , 2021, 263, 128014.	4.2	37
13	Characterization of acetylcholinesterase inhibition and energy allocation in <i>Daphnia magna</i> exposed to carbaryl. <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 28-35.	2.9	36
14	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
15	Ny-Å...lesund-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
16	Effect of perfluorooctanesulfonate on osmoregulation in marine fish, <i>Sebastes schlegeli</i> , under different salinities. <i>Chemosphere</i> , 2010, 81, 228-234.	4.2	29
17	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
18	Replacing the internal standard to estimate micropollutants using deep and machine learning. <i>Water Research</i> , 2021, 188, 116535.	5.3	24

#	ARTICLE	IF	CITATIONS
19	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
20	Reduction of toxicity of antimicrobial compounds by degradation processes using activated sludge, gamma radiation, and UV. <i>Chemosphere</i> , 2013, 93, 2480-2487.	4.2	21
21	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
22	Role of food and clay particles in toxicity of copper and diazinon using <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 400-406.	2.9	18
23	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
24	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
25	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
26	Comparative Toxicokinetics of Organic Micropollutants in Freshwater Crustaceans. <i>Environmental Science & Technology</i> , 2013, 47, 130712083046004.	4.6	13
27	Development and evaluation of new behavioral indexes for a biological early warning system using <i>Daphnia magna</i> . <i>Drinking Water Engineering and Science</i> , 2014, 7, 1-9.	0.8	13
28	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
29	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
30	Investigating Influence of Hydrological Regime on Organic Matters Characteristic in a Korean Watershed. <i>Water (Switzerland)</i> , 2019, 11, 512.	1.2	9
31	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
32	Bioconcentration of Organic Contaminants in <i>Daphnia</i> Resting Eggs. <i>Environmental Science & Technology</i> , 2013, 47, 130909151641005.	4.6	7
33	A novel method for micropollutant quantification using deep learning and multi-objective optimization. <i>Water Research</i> , 2022, 212, 118080.	5.3	7
34	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
35	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
36	Verification of Automatic Water Sampling System for Chemical Spill Events. <i>Journal of Environmental Analysis Health and Toxicology</i> , 2019, 22, 126-134.	0.1	2

#	ARTICLE	IF	CITATIONS
37	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