

Heesoo Eun

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,352
citations

304368

22
h-index

344852

36
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46
all docs

46
docs citations

46
times ranked

1324
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality assurance and quality control of solid phase extraction for PFAS in water and novel analytical techniques for PFAS analysis. <i>Chemosphere</i> , 2022, 288, 132440.	4.2	15
2	Vertical profiles of legacy organochlorine pesticides in sediment cores from lake Nakaumi, Japan. <i>Chemosphere</i> , 2022, 290, 133254.	4.2	3
3	Fluorine mass balance analysis and per- and polyfluoroalkyl substances in the atmosphere. <i>Journal of Hazardous Materials</i> , 2022, 435, 129025.	6.5	5
4	Performance Evaluation for Endosulfan Removal by Carbon-based Adsorbents. <i>Nong'yag Gwahag Hoeji</i> , 2021, 25, 111-118.	0.1	1
5	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. <i>Chemosphere</i> , 2021, 280, 130607.	4.2	18
6	Evaluation of perfluoroalkyl substances in field-cultivated vegetables. <i>Chemosphere</i> , 2020, 239, 124750.	4.2	33
7	Direct identification of a mutation in OsSh1 causing non-shattering in a rice (<i>Oryza sativa</i> L.) mutant cultivar using whole-genome resequencing. <i>Scientific Reports</i> , 2020, 10, 14936.	1.6	14
8	Per- and Polyfluoroalkyl Substances in the Air Particles of Asia: Levels, Seasonality, and Size-Dependent Distribution. <i>Environmental Science & Technology</i> , 2020, 54, 14182-14191.	4.6	40
9	Accumulation of perfluoroalkyl substances in lysimeter-grown rice in Japan using tap water and simulated contaminated water. <i>Chemosphere</i> , 2019, 231, 502-509.	4.2	18
10	Uptake mechanisms of polychlorinated biphenyls in <i>Cucurbita pepo</i> via xylem sap containing major latex-like proteins. <i>Environmental and Experimental Botany</i> , 2019, 162, 399-405.	2.0	24
11	Zinc finger protein genes from <i>Cucurbita pepo</i> are promising tools for conferring non-Cucurbitaceae plants with ability to accumulate persistent organic pollutants. <i>Chemosphere</i> , 2015, 123, 48-54.	4.2	13
12	Determination of Seven Neonicotinoid Insecticides in Cucumber and Eggplant by Water-Based Extraction and High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2015, 48, 213-220.	1.0	41
13	Aqueous acetonitrile extraction for pesticide residue analysis in agricultural products with HPLC-DAD. <i>Food Chemistry</i> , 2014, 154, 7-12.	4.2	37
14	Chromatographic separation of arsenic species with pentafluorophenyl column and application to rice. <i>Journal of Chromatography A</i> , 2014, 1354, 109-116.	1.8	27
15	Reduction of Hazardous Organic Solvent in Sample Preparation for Hydrophilic Pesticide Residues in Agricultural Products with Conventional Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4792-4798.	2.4	19
16	A Major Latex-Like Protein Is a Key Factor in Crop Contamination by Persistent Organic Pollutants. <i>Plant Physiology</i> , 2013, 161, 2128-2135.	2.3	50
17	Assays of dioxins and dioxin-like compounds in actually contaminated soils using transgenic tobacco plants carrying a recombinant mouse aryl hydrocarbon receptor-mediated β -glucuronidase reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012, 47, 233-239.	0.7	3
18	Assays of dioxins and dioxin-like compounds in actually contaminated soils using transgenic tobacco plants carrying a recombinant mouse aryl hydrocarbon receptor-mediated β -glucuronidase reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012, 47, 59-65.	0.7	8

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19	Congener Specificity in the Accumulation of Dioxins and Dioxin-Like Compounds in Zucchini Plants Grown Hydroponically. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 705-710.	0.6	29
20	Structure-selective accumulation of polychlorinated biphenyls in Cucurbita pepo. <i>Journal of Pesticide Sciences</i> , 2011, 36, 363-369.	0.8	23
21	Analysis and evaluation of chlorinated persistent organic compounds and PAHs in sludge in Korea. <i>Chemosphere</i> , 2009, 74, 441-447.	4.2	58
22	Monitoring of cholinesterase-inhibiting activity in water from the Tone canal, Japan, as a biomarker of ecotoxicity. <i>Ecotoxicology</i> , 2008, 17, 221-228.	1.1	7
23	Historical Distribution of PCDDs, PCDFs, and Coplanar PCBs in Sediment Core of Ariake Bay, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 54, 395-405.	2.1	18
24	Organochlorine Pesticides in the Sediment Core of Gwangyang Bay, South Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 54, 386-394.	2.1	23
25	Arsenic Speciation in Rice and Soil Containing Related Compounds of Chemical Warfare Agents. <i>Analytical Chemistry</i> , 2008, 80, 5768-5775.	3.2	57
26	Estrogen equivalent concentration of 13 branched para-nonylphenols in three technical mixtures by isomer-specific determination using their synthetic standards in SIM mode with GC-MS and two new diastereomeric isomers. <i>Chemosphere</i> , 2008, 70, 1961-1972.	4.2	42
27	Differential uptake for dioxin-like compounds by zucchini subspecies. <i>Chemosphere</i> , 2008, 73, 1602-1607.	4.2	83
28	Adsorption and desorption characteristics of several herbicides on sediment. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007, 42, 1-8.	0.7	17
29	Glucose-sulfate conjugates as a new phase II metabolite formed by aquatic crustaceans. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 490-495.	1.0	30
30	Vertical distributions of persistent organic pollutants (POPs) caused from organochlorine pesticides in a sediment core taken from Ariake bay, Japan. <i>Chemosphere</i> , 2007, 67, 456-463.	4.2	64
31	Simultaneous Determination of Neonicotinoid Insecticides in Agricultural Samples by Solid-Phase Extraction Cleanup and Liquid Chromatography Equipped with Diode-Array Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3798-3804.	2.4	100
32	Metabolism of pyrene by aquatic crustacean, <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2006, 80, 158-165.	1.9	55
33	Evaluation of Performance of a Commercial Monoclonal Antibody-Based Fenitrothion Immunoassay and Application to Residual Analysis in Fruit Samples. <i>Journal of Food Protection</i> , 2006, 69, 191-198.	0.8	9
34	Concentration and loading of several pesticides in water, suspended solids and sediment during ordinary water discharge in Sugao marsh, Ibaraki Prefecture, Japan. <i>Journal of Pesticide Sciences</i> , 2006, 31, 6-13.	0.8	15
35	Reliable enzyme immunoassay detection for chlorothalonil: Fundamental evaluation for residue analysis and validation with gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1129, 273-282.	1.8	29
36	Immunoassay for acetamiprid detection: application to residue analysis and comparison with liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1441-1448.	1.9	52

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37	Evaluation of a commercial immunoassay for the detection of chlorfenapyr in agricultural samples by comparison with gas chromatography and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2005, 1074, 145-153.	1.8	21
38	Synthesis of Haptens for Development of Antibodies to Alkylphenols and Evaluation and Optimization of a Selected Antibody for ELISA Development. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7395-7403.	2.4	15
39	Estimation of sources and inflow of dioxins and polycyclic aromatic hydrocarbons from the sediment core of Lake Suwa, Japan. <i>Environmental Pollution</i> , 2005, 138, 529-537.	3.7	38
40	Rapid and simple screening analysis for residual imidacloprid in agricultural products with commercially available ELISA. <i>Analytica Chimica Acta</i> , 2004, 521, 45-51.	2.6	83
41	Evaluation and Validation of a Commercially Available Enzyme-Linked Immunosorbent Assay for the Neonicotinoid Insecticide Imidacloprid in Agricultural Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2756-2762.	2.4	52
42	Direct determination of cadmium in rice flour by laser ablation-ICP-MS. Electronic supplementary information (ESI) available: table of Cd concentrations in Japanese rice; plots showing the pre-ablation effect on ¹³ C and ¹¹¹ Cd signal intensities and the spot-size effect on ¹¹¹ Cd signal intensities in NIES 10b; calibration plots. See http://www.rsc.org/suppdata/ja/b3/b310827a/ . <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 1485.	1.6	15
43	Quartz crystal microbalance for l-leucine sensing based on growth of l-leucine crystals immobilized on a monolayer of 11-mercaptopundecanoic acid. <i>Analytica Chimica Acta</i> , 2000, 413, 223-227.	2.6	18
44	Quartz Crystal Microbalance for Selenite Sensing Based on Growth of Cadmium Selenite Crystals Immobilized on a Monolayer of Phosphorylated 11-Mercapto-1-Undecanol. <i>Mikrochimica Acta</i> , 1999, 131, 177-185.	2.5	8
45	Sulfate ion sensing based on a quartz-crystal microbalance immobilized with barium sulfate crystals grown on a self-assembled monolayer of phosphorylated 11-mercapto-1-undecanol. <i>Analytica Chimica Acta</i> , 1998, 375, 155-165.	2.6	20