Heesoo Eun

List of Publications by Year
in descending order

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45	1,352	304368	344852
papers	citations	22 h-index	36 g-index

46	46	46	1324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous Determination of Neonicotinoid Insecticides in Agricultural Samples by Solid-Phase Extraction Cleanup and Liquid Chromatography Equipped with Diode-Array Detection. Journal of Agricultural and Food Chemistry, 2007, 55, 3798-3804.	2.4	100
2	Rapid and simple screening analysis for residual imidacloprid in agricultural products with commercially available ELISA. Analytica Chimica Acta, 2004, 521, 45-51.	2.6	83
3	Differential uptake for dioxin-like compounds by zucchini subspecies. Chemosphere, 2008, 73, 1602-1607.	4.2	83
4	Vertical distributions of persistent organic pollutants (POPs) caused from organochlorine pesticides in a sediment core taken from Ariake bay, Japan. Chemosphere, 2007, 67, 456-463.	4.2	64
5	Analysis and evaluation of chlorinated persistent organic compounds and PAHs in sludge in Korea. Chemosphere, 2009, 74, 441-447.	4.2	58
6	Arsenic Speciation in Rice and Soil Containing Related Compounds of Chemical Warfare Agents. Analytical Chemistry, 2008, 80, 5768-5775.	3.2	57
7	Metabolism of pyrene by aquatic crustacean, Daphnia magna. Aquatic Toxicology, 2006, 80, 158-165.	1.9	55
8	Evaluation and Validation of a Commercially Available Enzyme-Linked Immunosorbent Assay for the Neonicotinoid Insecticide Imidacloprid in Agricultural Samples. Journal of Agricultural and Food Chemistry, 2004, 52, 2756-2762.	2.4	52
9	Immunoassay for acetamiprid detection: application to residue analysis and comparison with liquid chromatography. Analytical and Bioanalytical Chemistry, 2006, 386, 1441-1448.	1.9	52
10	A Major Latex-Like Protein Is a Key Factor in Crop Contamination by Persistent Organic Pollutants Â Â. Plant Physiology, 2013, 161, 2128-2135.	2.3	50
11	Estrogen equivalent concentration of 13 branched para-nonylphenols in three technical mixtures by isomer-specific determination using their synthetic standards in SIM mode with GCâ€“MS and two new diasteromeric isomers. Chemosphere, 2008, 70, 1961-1972.	4.2	42
12	Determination of Seven Neonicotinoid Insecticides in Cucumber and Eggplant by Water-Based Extraction and High-Performance Liquid Chromatography. Analytical Letters, 2015, 48, 213-220.	1.0	41
13	Per- and Polyfluoroalkyl Substances in the Air Particles of Asia: Levels, Seasonality, and Size-Dependent Distribution. Environmental Science & Technology, 2020, 54, 14182-14191.	4.6	40
14	Estimation of sources and inflow of dioxins and polycyclic aromatic hydrocarbons from the sediment core of Lake Suwa, Japan. Environmental Pollution, 2005, 138, 529-537.	3.7	38
15	Aqueous acetonitrile extraction for pesticide residue analysis in agricultural products with HPLCâ”DAD. Food Chemistry, 2014, 154, 7-12.	4.2	37
16	Evaluation of perfluoroalkyl substances in field-cultivated vegetables. Chemosphere, 2020, 239, 124750.	4.2	33
17	Glucoseâ€“sulfate conjugates as a new phase II metabolite formed by aquatic crustaceans. Biochemical and Biophysical Research Communications, 2007, 360, 490-495.	1.0	30
18	Reliable enzyme immunoassay detection for chlorothalonil: Fundamental evaluation for residue analysis and validation with gas chromatography. Journal of Chromatography A, 2006, 1129, 273-282.	1.8	29

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19	Congener Specificity in the Accumulation of Dioxins and Dioxin-Like Compounds in Zucchini Plants Grown Hydroponically. Bioscience, Biotechnology and Biochemistry, 2011, 75, 705-710.	0.6	29
20	Chromatographic separation of arsenic species with pentafluorophenyl column and application to rice. Journal of Chromatography A, 2014, 1354, 109-116.	1.8	27
21	Uptake mechanisms of polychlorinated biphenyls in Cucurbita pepo via xylem sap containing major latex-like proteins. Environmental and Experimental Botany, 2019, 162, 399-405.	2.0	24
22	Organochlorine Pesticides in the Sediment Core of Gwangyang Bay, South Korea. Archives of Environmental Contamination and Toxicology, 2008, 54, 386-394.	2.1	23
23	Structure-selective accumulation of polychlorinated biphenyls in Cucurbita pepo. Journal of Pesticide Sciences, 2011, 36, 363-369.	0.8	23
24	Evaluation of a commercial immunoassay for the detection of chlorfenapyr in agricultural samples by comparison with gas chromatography and mass spectrometric detection. Journal of Chromatography A, 2005, 1074, 145-153.	1.8	21
25	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. Analytica Chimica Acta, 1998, 375, 155-165.	2.6	20
26	Reduction of Hazardous Organic Solvent in Sample Preparation for Hydrophilic Pesticide Residues in Agricultural Products with Conventional Liquid Chromatography. Journal of Agricultural and Food Chemistry, 2013, 61, 4792-4798.	2.4	19
27	Quartz crystal microbalance for l-leucine sensing based on growth of l-leucine crystals immobilized on a monolayer of 11-mercaptoundecanoic acid. Analytica Chimica Acta, 2000, 413, 223-227.	2.6	18
28	Historical Distribution of PCDDs, PCDFs, and Coplanar PCBs in Sediment Core of Ariake Bay, Japan. Archives of Environmental Contamination and Toxicology, 2008, 54, 395-405.	2.1	18
29	Accumulation of perfluoroalkyl substances in lysimeter-grown rice in Japan using tap water and simulated contaminated water. Chemosphere, 2019, 231, 502-509.	4.2	18
30	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. Chemosphere, 2021, 280, 130607.	4.2	18
31	Adsorption and desorption characteristics of several herbicides on sediment. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2007, 42, 1-8.	0.7	17
32	Direct determination of cadmium in rice flour by laser ablation-ICP-MSElectronic supplementary information (ESI) available: table of Cd concentrations in Japanese rice; plots showing the pre-ablation effect on 13C and 111Cd signal intensities and the spot-size effect on 111Cd signal intensities in NIES 10b; calibration plots. See http://www.rsc.org/suppdata/ja/b3/b310827a/. Journal of Analytical Atomic Spectrometry, 2003, 18, 1485.	1.6	15
33	Synthesis of Haptens for Development of Antibodies to Alkylphenols and Evaluation and Optimization of a Selected Antibody for ELISA Development. Journal of Agricultural and Food Chemistry, 2005, 53, 7395-7403.	2.4	15
34	Concentration and loading of several pesticides in water, suspended solids and sediment during ordinary water discharge in Sugao marsh, Ibaraki Prefecture, Japan. Journal of Pesticide Sciences, 2006, 31, 6-13.	0.8	15
35	Quality assurance and quality control of solid phase extraction for PFAS in water and novel analytical techniques for PFAS analysis. Chemosphere, 2022, 288, 132440.	4.2	15
36	Direct identification of a mutation in OsSh1 causing non-shattering in a rice (Oryza sativa L.) mutant cultivar using whole-genome resequencing. Scientific Reports, 2020, 10, 14936.	1.6	14

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37	Zinc finger protein genes from Cucurbita pepo are promising tools for conferring non-Cucurbitaceae plants with ability to accumulate persistent organic pollutants. Chemosphere, 2015, 123, 48-54.	4.2	13
38	Evaluation of Performance of a Commercial Monoclonal Antibodyâ€“Based Fenitrothion Immunoassay and Application to Residual Analysis in Fruit Samples. Journal of Food Protection, 2006, 69, 191-198.	0.8	9
39	Quartz Crystal Microbalance for Selenite Sensing Based on Growth of Cadmium Selenite Crystals Immobilized on a Monolayer of Phosphorylated 11-Mercapto-1-Undecanol. Mikrochimica Acta, 1999, 131, 177-185.	2.5	8
40	Assays of dioxins and dioxin-like compounds in actually contaminated soils using transgenic tobacco plants carrying a recombinant mouse aryl hydrocarbon receptor-mediated Î²-glucuronidase reporter gene expression system. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2012, 47, 59-65.	0.7	8
41	Monitoring of cholinesterase-inhibiting activity in water from the Tone canal, Japan, as a biomarker of ecotoxicity. Ecotoxicology, 2008, 17, 221-228.	1.1	7
42	Fluorine mass balance analysis and per- and polyfluoroalkyl substances in the atmosphere. Journal of Hazardous Materials, 2022, 435, 129025.	6.5	5
43	Assays of dioxins and dioxin-like compounds in actually contaminated soils using transgenic tobacco plants carrying a recombinant mouse aryl hydrocarbon receptor-mediated Î²-glucuronidase reporter gene expression system. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2012, 47, 233-239.	0.7	3
44	Vertical profiles of legacy organochlorine pesticides in sediment cores from lake Nakaumi, Japan. Chemosphere, 2022, 290, 133254.	4.2	3
45	Performance Evaluation for Endosulfan Removal by Carbon-based Adsorbents. Nong'yag Gwahag Hoeji, 2021, 25, 111-118.	0.1	1