Heldur Hakk

List of Publications by Year
in descending order

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40 papers	1,987 citations	331670 21 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	1743 citing authors

#	Article	IF	Citations
1	Metabolism in the toxicokinetics and fate of brominated flame retardantsâ€"a review. Environment International, 2003, 29, 801-828.	10.0	368
2	Fate and Transport of 17Î²-Estradiol in Soilâ^'Water Systems. Environmental Science & Technology, 2003, 37, 2400-2409.	10.0	193
3	DECABROMODIPHENYL ETHER IN THE RAT: ABSORPTION, DISTRIBUTION, METABOLISM, AND EXCRETION. Drug Metabolism and Disposition, 2003, 31, 900-907.	3.3	171
4	Fate and Transport of Testosterone in Agricultural Soils. Environmental Science & Technology, 2004, 38, 790-798.	10.0	123
5	Toxicokinetics of Polybrominated Diphenyl Ether Congeners 47, 99, 100, and 153 in Mice. Toxicological Sciences, 2006, 94, 28-37.	3.1	115
6	Sorption, Mobility, and Transformation of Estrogenic Hormones in Natural Soil. Journal of Environmental Quality, 2005, 34, 1372-1379.	2.0	112
7	Persistence and fate of 17Î²-estradiol and testosterone in agricultural soils. Chemosphere, 2007, 67, 886-895.	8.2	106
8	Toxicokinetics of the Flame Retardant Hexabromocyclododecane Gamma: Effect of Dose, Timing, Route, Repeated Exposure, and Metabolism. Toxicological Sciences, 2010, 117, 282-293.	3.1	100
9	Fate and Transformation of an Estrogen Conjugate and Its Metabolites in Agricultural Soils. Environmental Science & Technology, 2012, 46, 11047-11053.	10.0	68
10	Decrease in Water-Soluble 17Î²-Estradiol and Testosterone in Composted Poultry Manure with Time. Journal of Environmental Quality, 2005, 34, 943-950.	2.0	65
11	Toxicokinetics of the Flame Retardant Hexabromocyclododecane Alpha: Effect of Dose, Timing, Route, Repeated Exposure, and Metabolism. Toxicological Sciences, 2011, 121, 234-244.	3.1	64
12	Novel and Distinct Metabolites Identified Following a Single Oral Dose of Î±- or Î³-Hexabromocyclododecane in Mice. Environmental Science & Technology, 2012, 46, 13494-13503.	10.0	49
13	Sorption, Fate, and Mobility of Sulfonamides in Soils. Water, Air, and Soil Pollution, 2011, 218, 49-61.	2.4	45
14	Occurrence and pathways of manure-borne 17Î²-estradiol in vadose zone water. Chemosphere, 2009, 76, 472-479.	8.2	32
15	Metabolism of 2,2â€²,4,4â€²-Tetrabromodiphenyl Ether (BDE-47) in Chickens. Journal of Agricultural and Food Chemistry, 2010, 58, 8757-8762.	5.2	30
16	Sorption and degradation of 17Î²-estradiol-17-sulfate in sterilized soilâ€"water systems. Chemosphere, 2015, 119, 1322-1328.	8.2	27
17	The effect of dose on 2,3,7,8-TCDD tissue distribution, metabolism and elimination in CYP1A2 (-/-) knockout and C57BL/6N parental strains of mice. Toxicology and Applied Pharmacology, 2009, 241, 119-126.	2.8	26
18	Dissipation and transformation of 17Î²-estradiol-17-sulfate in soilâ€"water systems. Journal of Hazardous Materials, 2013, 260, 733-739.	12.4	25

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19	Effects of field-manure applications on stratified 17Î²-estradiol concentrations. Journal of Hazardous Materials, 2011, 192, 748-752.	12.4	23
20	Comparative Metabolism Studies of Hexabromocyclododecane (HBCD) Diastereomers in Male Rats Following a Single Oral Dose. Environmental Science & Technology, 2016, 50, 89-96.	10.0	23
21	Tissue distribution, excretion, and metabolism of 1,2,7,8-tetrachlorodibenzo-p-dioxin in the rat. Chemosphere, 2001, 42, 975-983.	8.2	22
22	Effects of Composting Swine Manure on Nutrients and Estrogens. Soil Science, 2011, 176, 91-98.	0.9	22
23	Fate of estrone in laboratory-scale constructed wetlands. Ecological Engineering, 2018, 111, 60-68.	3.6	22
24	Tissue Residues, Metabolism, and Excretion of Radiolabeled Sodium Chlorate (Na[36Cl]O3) in Rats. Journal of Agricultural and Food Chemistry, 2007, 55, 2034-2042.	5.2	19
25	Potential bioactivity and association of 17Î²-estradiol with the dissolved and colloidal fractions of manure and soil. Science of the Total Environment, 2014, 494-495, 58-64.	8.0	19
26	An on-farm survey of spatial and temporal stratifications of 17Î²-estradiol concentrations. Chemosphere, 2011, 82, 1683-1689.	8.2	18
27	Fate and transport of 1278-TCDD, 1378-TCDD, and 1478-TCDD in soilâ€“water systems. Science of the Total Environment, 2006, 371, 323-333.	8.0	13
28	Distribution of Spiked Drugs between Milk Fat, Skim Milk, Whey, Curd, and Milk Protein Fractions: Expansion of Partitioning Models. Journal of Agricultural and Food Chemistry, 2018, 66, 306-314.	5.2	13
29	Dissipation of 17Î²â€Estradiol in Composted Poultry Litter. Journal of Environmental Quality, 2011, 40, 1560-1566.	2.0	12
30	Fate and transport of the Î²-adrenergic agonist ractopamine hydrochloride in soilâ€“water systems. Journal of Environmental Sciences, 2016, 45, 40-48.	6.1	12
31	Synthesis and characterization of radiolabeled 17Î²-estradiol conjugates. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 267-271.	1.0	8
32	Polybrominated diphenyl ethers (PBDEs) in US meat and poultry: 2012â€“13 levels, trends and estimated consumer exposures. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1584-1595.	2.3	8
33	Modeling coupled sorption and transformation of 17Î²-estradiolâ€“17-sulfate in soilâ€“water systems. Journal of Contaminant Hydrology, 2014, 168, 17-24.	3.3	7
34	Facile synthesis of high specific activity 4â€[1â€¹⁴<scp>C</scp>]butylâ€1,2â€diphenylpyrazolidineâ€3,5â€dione (phenylbutazone) using nucleophilic substitution. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 386-390.	1.0	6
35	Absorption, distribution, metabolism, and excretion of three [¹⁴C]PBDE congeners in laying hens and transfer to eggs.. Xenobiotica, 2021, 51, 335-344.	1.1	6
36	Fate of 17Î²-Estradiol in Anaerobic Lagoon Digesters. Journal of Environmental Quality, 2014, 43, 701-708.	2.0	5

#	Article	IF	Citations
37	Radioassay-Based Approach to Investigate Fate and Transformation of Conjugated and Free Estrogens in an Agricultural Soil. Environmental Engineering Science, 2013, 30, 89-96.	1.6	4
38	Perfluorooctanoic Acid Transport in Soil and Absorption and Distribution in Alfalfa (Medicago) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.7	3
39	Perfluorooctanoic Acid Uptake by Alfalfa (Medicago sativa) and Bioavailability in Sprague-Dawley Rats. Journal of Food Protection, 2021, 84, 688-694.	1.7	3
40	Facile synthesis of bromo- and mixed bromo/chloro dibenzo-p-dioxins and [14C]-labeled 1,3,7,8-tetrabromodibenzo-p-dioxin. Chemosphere, 2020, 239, 124626.	8.2	0