

Heldur Hakk

List of Publications by Year in descending order

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Version: 2024-02-01

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	Perfluorooctanoic Acid Transport in Soil and Absorption and Distribution in Alfalfa (Medicago) Tj ETQq1 1 0.784314 1.75 BT / Overlock 10 T	1.7	3
2	Absorption, distribution, metabolism, and excretion of three [¹⁴ C]PBDE congeners in laying hens and transfer to eggs.. Xenobiotica, 2021, 51, 335-344.	1.1	6
3	Perfluorooctanoic Acid Uptake by Alfalfa (Medicago sativa) and Bioavailability in Sprague-Dawley Rats. Journal of Food Protection, 2021, 84, 688-694.	1.7	3
4	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
5	Facile synthesis of high specific activity [¹⁴ C]-butyl-1,2-diphenylpyrazolidine-3,5-dione (phenylbutazone) using nucleophilic substitution. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 386-390.	1.0	6
6	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
7	Fate of estrone in laboratory-scale constructed wetlands. Ecological Engineering, 2018, 111, 60-68.	3.6	22
8	Polybrominated diphenyl ethers (PBDEs) in US meat and poultry: 2012-13 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
9	Fate and transport of the β -adrenergic agonist ractopamine hydrochloride in soil-water systems. Journal of Environmental Sciences, 2016, 45, 40-48.	6.1	12
10	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
11	Sorption and degradation of 17 β -estradiol-17-sulfate in sterilized soil-water systems. Chemosphere, 2015, 119, 1322-1328.	8.2	27
12	Fate of 17 β -Estradiol in Anaerobic Lagoon Digesters. Journal of Environmental Quality, 2014, 43, 701-708.	2.0	5
13	Potential bioactivity and association of 17 β -estradiol with the dissolved and colloidal fractions of manure and soil. Science of the Total Environment, 2014, 494-495, 58-64.	8.0	19
14	Modeling coupled sorption and transformation of 17 β -estradiol-17-sulfate in soil-water systems. Journal of Contaminant Hydrology, 2014, 168, 17-24.	3.3	7
15	Dissipation and transformation of 17 β -estradiol-17-sulfate in soil-water systems. Journal of Hazardous Materials, 2013, 260, 733-739.	12.4	25
16	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
17	Fate and Transformation of an Estrogen Conjugate and Its Metabolites in Agricultural Soils. Environmental Science & Technology, 2012, 46, 11047-11053.	10.0	68
18	Novel and Distinct Metabolites Identified Following a Single Oral Dose of β - or γ -Hexabromocyclododecane in Mice. Environmental Science & Technology, 2012, 46, 13494-13503.	10.0	49

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19	Dissipation of $^{17}\beta$ -Estradiol in Composted Poultry Litter. <i>Journal of Environmental Quality</i> , 2011, 40, 1560-1566.	2.0	12
20	Effects of Composting Swine Manure on Nutrients and Estrogens. <i>Soil Science</i> , 2011, 176, 91-98.	0.9	22
21	An on-farm survey of spatial and temporal stratifications of $^{17}\beta$ -estradiol concentrations. <i>Chemosphere</i> , 2011, 82, 1683-1689.	8.2	18
22	Sorption, Fate, and Mobility of Sulfonamides in Soils. <i>Water, Air, and Soil Pollution</i> , 2011, 218, 49-61.	2.4	45
23	Synthesis and characterization of radiolabeled $^{17}\beta$ -estradiol conjugates. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 267-271.	1.0	8
24	Effects of field-manure applications on stratified $^{17}\beta$ -estradiol concentrations. <i>Journal of Hazardous Materials</i> , 2011, 192, 748-752.	12.4	23
25	Toxicokinetics of the Flame Retardant Hexabromocyclododecane Alpha: Effect of Dose, Timing, Route, Repeated Exposure, and Metabolism. <i>Toxicological Sciences</i> , 2011, 121, 234-244.	3.1	64
26	Toxicokinetics of the Flame Retardant Hexabromocyclododecane Gamma: Effect of Dose, Timing, Route, Repeated Exposure, and Metabolism. <i>Toxicological Sciences</i> , 2010, 117, 282-293.	3.1	100
27	Metabolism of 2,2,4,4-Tetrabromodiphenyl Ether (BDE-47) in Chickens. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 8757-8762.	5.2	30
28	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. <i>Toxicology and Applied Pharmacology</i> , 2009, 241, 119-126.	2.8	26
29	Occurrence and pathways of manure-borne $^{17}\beta$ -estradiol in vadose zone water. <i>Chemosphere</i> , 2009, 76, 472-479.	8.2	32
30	Persistence and fate of $^{17}\beta$ -estradiol and testosterone in agricultural soils. <i>Chemosphere</i> , 2007, 67, 886-895.	8.2	106
31	Tissue Residues, Metabolism, and Excretion of Radiolabeled Sodium Chlorate ($\text{Na}[^{36}\text{Cl}]\text{O}_3$) in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2034-2042.	5.2	19
32	Fate and transport of 1278-TCDD, 1378-TCDD, and 1478-TCDD in soil-water systems. <i>Science of the Total Environment</i> , 2006, 371, 323-333.	8.0	13
33	Toxicokinetics of Polybrominated Diphenyl Ether Congeners 47, 99, 100, and 153 in Mice. <i>Toxicological Sciences</i> , 2006, 94, 28-37.	3.1	115
34	Sorption, Mobility, and Transformation of Estrogenic Hormones in Natural Soil. <i>Journal of Environmental Quality</i> , 2005, 34, 1372-1379.	2.0	112
35	Decrease in Water-Soluble $^{17}\beta$ -Estradiol and Testosterone in Composted Poultry Manure with Time. <i>Journal of Environmental Quality</i> , 2005, 34, 943-950.	2.0	65
36	Fate and Transport of Testosterone in Agricultural Soils. <i>Environmental Science & Technology</i> , 2004, 38, 790-798.	10.0	123

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37	Fate and Transport of 17 β -Estradiol in Soil-Water Systems. Environmental Science & Technology, 2003, 37, 2400-2409.	10.0	193
38	Metabolism in the toxicokinetics and fate of brominated flame retardants—a review. Environment International, 2003, 29, 801-828.	10.0	368
39	DECABROMODIPHENYL ETHER IN THE RAT: ABSORPTION, DISTRIBUTION, METABOLISM, AND EXCRETION. Drug Metabolism and Disposition, 2003, 31, 900-907.	3.3	171
40	Tissue distribution, excretion, and metabolism of 1,2,7,8-tetrachlorodibenzo-p-dioxin in the rat. Chemosphere, 2001, 42, 975-983.	8.2	22