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List of articles citing

Integrated assessment of runoff from livestock farming operations: Analytical chemistry, in vitro bioassays, and in vivo fish exposures

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Environmental Toxicology and Chemistry, 2014, 33, 1849-57.

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#	Paper	IF	Citations
36	Characterization of trenbolone acetate and estradiol metabolite excretion profiles in implanted steers. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 2850-8	3.8	16
35	An inexpensive, temporally integrated system for monitoring occurrence and biological effects of aquatic contaminants in the field. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1584-95	3.8	19
34	Endocrine Disruptors in Domestic Animal Reproduction: A Clinical Issue?. <i>Reproduction in Domestic Animals</i> , 2015 , 50 Suppl 3, 15-9	1.6	7
33	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2015 , 87, 868-1937	2.8	8
32	Genes Indicative of Zoonotic and Swine Pathogens Are Persistent in Stream Water and Sediment following a Swine Manure Spill. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 3430-41	4.8	22
31	Airborne particulate matter collected near beef cattle feedyards induces androgenic and estrogenic activity in vitro. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 203, 29-35	5.7	13
30	International STakeholder NETwork (ISTNET): creating a developmental neurotoxicity (DNT) testing road map for regulatory purposes. <i>Archives of Toxicology</i> , 2015 , 89, 269-87	5.8	107
29	Pathway-based approaches for assessment of real-time exposure to an estrogenic wastewater treatment plant effluent on fathead minnow reproduction. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 702-16	3.8	28
28	Contamination with bacterial zoonotic pathogen genes in U.S. streams influenced by varying types of animal agriculture. <i>Science of the Total Environment</i> , 2016 , 563-564, 340-50	10.2	18
27	Aqueous exposure to the progestin, levonorgestrel, alters anal fin development and reproductive behavior in the eastern mosquitofish (<i>Gambusia holbrooki</i>). <i>General and Comparative Endocrinology</i> , 2016 , 234, 161-9	3	29
26	Comparison of in vitro estrogenic activity and estrogen concentrations in source and treated waters from 25 U.S. drinking water treatment plants. <i>Science of the Total Environment</i> , 2017 , 579, 1610-1617	10.7	66
25	Androgens and androgenic activity in broiler manure assessed by means of chemical analyses and in vitro bioassays. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1746-1754	3.8	4
24	Occurrence and In Vitro Bioactivity of Estrogen, Androgen, and Glucocorticoid Compounds in a Nationwide Screen of United States Stream Waters. <i>Environmental Science & Technology</i> , 2017 , 51, 4781-4791	10.3	66
23	An integrated approach for identifying priority contaminant in the Great Lakes Basin - Investigations in the Lower Green Bay/Fox River and Milwaukee Estuary areas of concern. <i>Science of the Total Environment</i> , 2017 , 579, 825-837	10.2	17
22	In Vitro and In Vivo Assessment of Aqueously Extractable Estrogens in Poultry Manure after Pilot-scale Composting. <i>Journal of Environmental Quality</i> , 2017 , 46, 614-622	3.4	5
21	Contaminants of emerging concern presence and adverse effects in fish: A case study in the Laurentian Great Lakes. <i>Environmental Pollution</i> , 2018 , 236, 718-733	9.3	27
20	The consequences of exposure to mixtures of chemicals: Something from nothing and a lot from a little when fish are exposed to steroid hormones. <i>Science of the Total Environment</i> , 2018 , 619-620, 1482-1492	10.2	87

19	Response and recovery of fathead minnows (<i>Pimephales promelas</i>) following early life exposure to water and sediment found within agricultural runoff from the Elkhorn River, Nebraska, USA. <i>Science of the Total Environment</i> , 2018 , 618, 1371-1381	10.2	11
18	In vitro assessment of sex steroids and related compounds in water and sediments - a critical review. <i>Environmental Sciences: Processes and Impacts</i> , 2018 , 20, 270-287	4.3	7
17	Detection and quantification of metastable photoproducts of trenbolone and altrenogest using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1603, 150-159	4.5	6
16	A preliminary evaluation of veterinary antibiotics, estrogens, in vitro estrogenic activity and microbial communities in airborne particulate matter collected near dairy production facilities. <i>Aerobiologia</i> , 2019 , 35, 315-326	2.4	3
15	Monitoring estrogenic activities of waste and surface waters using a novel in vivo zebrafish embryonic (EASZY) assay: Comparison with in vitro cell-based assays and determination of effect-based trigger values. <i>Environment International</i> , 2019 , 130, 104896	12.9	24
14	Potential Toxicity of Complex Mixtures in Surface Waters from a Nationwide Survey of United States Streams: Identifying in Vitro Bioactivities and Causative Chemicals. <i>Environmental Science & Technology</i> , 2019 , 53, 973-983	10.3	43
13	Fish on steroids: Temperature-dependent effects of 17 β -trenbolone on predator escape, boldness, and exploratory behaviors. <i>Environmental Pollution</i> , 2019 , 245, 243-252	9.3	26
12	Pilot study of global endocrine disrupting activity in Iowa public drinking water utilities using cell-based assays. <i>Science of the Total Environment</i> , 2020 , 714, 136317	10.2	5
11	De Facto Water Reuse: Bioassay suite approach delivers depth and breadth in endocrine active compound detection. <i>Science of the Total Environment</i> , 2020 , 699, 134297	10.2	10
10	Pathway-Based Approaches for Assessing Biological Hazards of Complex Mixtures of Contaminants: A Case Study in the Maumee River. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 1098-1122	3.8	2
9	Mapping multiple endocrine disrupting activities in Virginia rivers using effect-based assays. <i>Science of the Total Environment</i> , 2021 , 773, 145602	10.2	3
8	Effects-based monitoring of bioactive compounds associated with municipal wastewater treatment plant effluent discharge to the South Platte River, Colorado, USA. <i>Environmental Pollution</i> , 2021 , 289, 117928	9.3	1
7	Poultry litter as potential source of pathogens and other contaminants in groundwater and surface water proximal to large-scale confined poultry feeding operations. <i>Science of the Total Environment</i> , 2020 , 735, 139459	10.2	27
6	Effects-Based Monitoring of Bioactive Chemicals Discharged to the Colorado River before and after a Municipal Wastewater Treatment Plant Replacement. <i>Environmental Science & Technology</i> , 2021 , 55, 974-984	10.3	3
5	17 β -Trenbolone binds to androgen receptor, decreases number of primordial germ cells, modulates expression of genes related to sexual differentiation, and affects sexual differentiation in zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2022 , 806, 150959	10.2	0
4	Towards regulation of Endocrine Disrupting chemicals (EDCs) in water resources using bioassays - A guide to developing a testing strategy. <i>Environmental Research</i> , 2021 , 112483	7.9	4
3	Validation of a vulnerability index of exposure to chemicals of emerging concern in surface water and sediment of Great Lakes tributaries of the United States.. <i>Science of the Total Environment</i> , 2022 , 154618	10.2	
2	Review of ecologically relevant in vitro bioassays to supplement current in vivo tests for whole effluent toxicity testing - Part 1: Apical endpoints. 2022 , 157817		

- 1 Multi-Endpoint Toxicity Tests and Effect-Targeting Risk Assessment of Surface Water and Pollution Sources in a Typical Rural Area in the Yellow River Basin, China. **2022**, 10, 502

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