

CITATION REPORT

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Mass balance approaches to characterizing the leaching potential of trenbolone acetate metabolites in agro-

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Environmental Science & Technology, 2014, 48, 3715-23.

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#	Paper	IF	Citations
18	Sorption and mineral-promoted transformation of synthetic hormone growth promoters in soil systems. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 12277-86	5.7	12
17	Surface and subsurface attenuation of trenbolone acetate metabolites and manure-derived constituents in irrigation runoff on agro-ecosystems. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 2507-16	4.3	11
16	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
15	Trenbolone acetate metabolite transport in rangelands and irrigated pasture: observations and conceptual approaches for agro-ecosystems. <i>Environmental Science & Technology</i> , 2014 , 48, 12569-76	10.3	14
14	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2015 , 87, 868-1937	2.8	8
13	Rates and product identification for trenbolone acetate metabolite biotransformation under aerobic conditions. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1472-84	3.8	10
12	Low concentrations of 17 β -trenbolone induce female-to-male reversal and mortality in the frog <i>Pelophylax nigromaculatus</i> . <i>Aquatic Toxicology</i> , 2015 , 158, 230-7	5.1	18
11	Coupled reversion and stream-hyporheic exchange processes increase environmental persistence of trenbolone metabolites. <i>Nature Communications</i> , 2015 , 6, 7067	17.4	11
10	Transformation kinetics of trenbolone acetate metabolites and estrogens in urine and feces of implanted steers. <i>Chemosphere</i> , 2015 , 138, 901-7	8.4	8
9	Reversible Photohydration of Trenbolone Acetate Metabolites: Mechanistic Understanding of Product-to-Parent Reversion through Complementary Experimental and Theoretical Approaches. <i>Environmental Science & Technology</i> , 2016 , 50, 6753-61	10.3	11
8	A critical review of the environmental occurrence and potential effects in aquatic vertebrates of the potent androgen receptor agonist 17 β -trenbolone. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 2064-2078	3.8	22
7	Tracking the fate and transport of estrogens following rainfall events. <i>Water Science and Technology</i> , 2018 , 77, 2474-2481	2.2	2
6	Attenuation, transport, and management of estrogens: A review. <i>Chemosphere</i> , 2019 , 230, 462-478	8.4	29
5	Veterinary growth promoters in cattle feedlot runoff: estrogenic activity and potential effects on the rat male reproductive system. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 13939-13948	5.1	0
4	Ractopamine and Other Growth-Promoting Compounds in Beef Cattle Operations: Fate and Transport in Feedlot Pens and Adjacent Environments. <i>Environmental Science & Technology</i> , 2021 , 55, 1730-1739	10.3	5
3	Machine Learning Applications for Chemical Fingerprinting and Environmental Source Tracking Using Non-target Chemical Data.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	1
2	Eu(II)-MOF as NIR probe for highly efficient instantaneous anodic electroluminescence realized environmental pollutant trace monitoring. <i>Chemical Engineering Journal</i> , 2022 , 136912	14.7	1

- 1 Developing a quantitative framework to track the fate and transport of estrogens on a watershed scale. *Journal of Hydrology*, **2022**, 611, 128013