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Identification and environmental implications of photo-transformation products of trenbolone acetate metabo

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#	Paper	IF	Citations
44	Reaction Library to Predict Direct Photochemical Transformation Products of Environmental Organic Contaminants in Sunlit Aquatic Systems.		
43	Product-to-parent reversion of trenbolone: unrecognized risks for endocrine disruption. *Science*, **2013**, 342, 347-51	33.3	62
42	Bioavailability and fate of sediment-associated trenbolone and estradiol in aquatic systems. *Science of the Total Environment*, **2014**, 496, 576-584	10.2	17
41	Sorption and mineral-promoted transformation of synthetic hormone growth promoters in soil systems. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 12277-86	5.7	12
40	Surface and subsurface attenuation of trenbolone acetate metabolites and manure-derived constituents in irrigation runoff on agro-ecosystems. *Environmental Sciences: Processes and Impacts*, **2014**, 16, 2507-16	4.3	11
39	Trenbolone acetate metabolites promote ovarian growth and development in adult Japanese medaka (Oryzias latipes). *General and Comparative Endocrinology*, **2014**, 202, 1-7	3	12
38	Trenbolone acetate metabolite transport in rangelands and irrigated pasture: observations and conceptual approaches for agro-ecosystems. *Environmental Science & Technology*, **2014**, 48, 12569-76	10.3	14
37	Mass balance approaches to characterizing the leaching potential of trenbolone acetate metabolites in agro-ecosystems. *Environmental Science & Technology*, **2014**, 48, 3715-23	10.3	16
36	Photo-transformation of pharmaceutically active compounds in the aqueous environment: a review. *Environmental Sciences: Processes and Impacts*, **2014**, 16, 697-720	4.3	122
35	Transformation of acesulfame in water under natural sunlight: joint effect of photolysis and biodegradation. *Water Research*, **2014**, 64, 113-122	12.5	58
34	Environmental designer drugs: when transformation may not eliminate risk. *Environmental Science & Technology*, **2014**, 48, 11737-45	10.3	67
33	Rates and product identification for trenbolone acetate metabolite biotransformation under aerobic conditions. *Environmental Toxicology and Chemistry*, **2015**, 34, 1472-84	3.8	10
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31	Transformation kinetics of trenbolone acetate metabolites and estrogens in urine and feces of implanted steers. *Chemosphere*, **2015**, 138, 901-7	8.4	8
30	Sex in troubled waters: Widespread agricultural contaminant disrupts reproductive behaviour in fish. *Hormones and Behavior*, **2015**, 70, 85-91	3.7	39
29	Environmental Photochemistry of Altrenogest: Photoisomerization to a Bioactive Product with Increased Environmental Persistence via Reversible Photohydration. *Environmental Science & Technology*, **2016**, 50, 7480-8	10.3	16
28	Occurrence, spatiotemporal distribution, and ecological risks of steroids in a large shallow Chinese lake, Lake Taihu. *Science of the Total Environment*, **2016**, 557-558, 68-79	10.2	44

27	Reversible Photohydration of Trenbolone Acetate Metabolites: Mechanistic Understanding of Product-to-Parent Reversion through Complementary Experimental and Theoretical Approaches. *Environmental Science & Technology*, **2016**, 50, 6753-61	10.3	11
26	The agricultural contaminant 17β-trenbolone disrupts male-male competition in the guppy (Poecilia reticulata). *Chemosphere*, **2017**, 187, 286-293	8.4	21
25	Environmental photochemistry of dienogest: phototransformation to estrogenic products and increased environmental persistence via reversible photohydration. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 1414-1426	4.3	10
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19	Sorption and transport of trenbolone and altrenogest photoproducts in soil-water systems. *Environmental Sciences: Processes and Impacts*, **2019**, 21, 1650-1663	4.3	3
18	Context-specific behavioural changes induced by exposure to an androgenic endocrine disruptor. *Science of the Total Environment*, **2019**, 664, 177-187	10.2	10
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