

# CITATION REPORT

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**Product-to-parent reversion of trenbolone:  
unrecognized risks for endocrine disruption**

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#	Paper	IF	Citations
68	Sorption and mineral-promoted transformation of synthetic hormone growth promoters in soil systems. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 12277-86	5.7	12
67	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> , <b>2014</b> , 16, 2507-16	4.3	11
66	Trenbolone acetate metabolites promote ovarian growth and development in adult Japanese medaka ( <i>Oryzias latipes</i> ). <i>General and Comparative Endocrinology</i> , <b>2014</b> , 202, 1-7	3	12
65	Organocatalytic asymmetric formation of steroids. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4137-41	16.4	57
64	Trenbolone acetate metabolite transport in rangelands and irrigated pasture: observations and conceptual approaches for agro-ecosystems. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 12569-76	10.3	14
63	Mass balance approaches to characterizing the leaching potential of trenbolone acetate metabolites in agro-ecosystems. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3715-23	10.3	16
62	Photo-transformation of pharmaceutically active compounds in the aqueous environment: a review. <i>Environmental Sciences: Processes and Impacts</i> , <b>2014</b> , 16, 697-720	4.3	122
61	Environmental designer drugs: when transformation may not eliminate risk. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 11737-45	10.3	67
60	Organocatalytic Asymmetric Formation of Steroids. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4221-4225	3.6	24
59	Sorption, uptake, and biotransformation of 17 $\beta$ -estradiol, 17 $\beta$ -ethinylestradiol, zeranol, and trenbolone acetate by hybrid poplar. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 2906-13	3.8	12
58	Rates and product identification for trenbolone acetate metabolite biotransformation under aerobic conditions. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 1472-84	3.8	10
57	Destruction of microcystins (cyanotoxins) by UV-254 nm-based direct photolysis and advanced oxidation processes (AOPs): influence of variable amino acids on the degradation kinetics and reaction mechanisms. <i>Water Research</i> , <b>2015</b> , 74, 227-38	12.5	70
56	Low concentrations of 17 $\beta$ -trenbolone induce female-to-male reversal and mortality in the frog <i>Pelophylax nigromaculatus</i> . <i>Aquatic Toxicology</i> , <b>2015</b> , 158, 230-7	5.1	18
55	Coupled reversion and stream-hyporheic exchange processes increase environmental persistence of trenbolone metabolites. <i>Nature Communications</i> , <b>2015</b> , 6, 7067	17.4	11
54	Transformation kinetics of trenbolone acetate metabolites and estrogens in urine and feces of implanted steers. <i>Chemosphere</i> , <b>2015</b> , 138, 901-7	8.4	8
53	Animal Manure Separation Technologies Diminish the Environmental Burden of Steroid Hormones. <i>Environmental Science and Technology Letters</i> , <b>2015</b> , 2, 133-137	11	8
52	The Effects of a Single Developmentally Entrained Pulse of Testosterone in Female Neonatal Mice on Reproductive and Metabolic Functions in Adult Life. <i>Endocrinology</i> , <b>2015</b> , 156, 3737-46	4.8	12

51	Rapid Phytotransformation of Benzotriazole Generates Synthetic Tryptophan and Auxin Analogs in Arabidopsis. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 10959-68	10.3	62
50	Photocatalytic decomposition of cortisone acetate in aqueous solution. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 282, 208-15	12.8	24
49	Environmental Photochemistry of Altrenogest: Photoisomerization to a Bioactive Product with Increased Environmental Persistence via Reversible Photohydration. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 7480-8	10.3	16
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47	Fate of Pharmaceuticals and Their Transformation Products in Four Small European Rivers Receiving Treated Wastewater. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 5614-21	10.3	73
46	Compound-Specific Stable Isotope Fractionation of Pesticides and Pharmaceuticals in a Mesoscale Aquifer Model. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 5729-39	10.3	16
45	Isoproturon Reappearance after Photosensitized Degradation in the Presence of Triplet Ketones or Fulvic Acids. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12250-12257	10.3	11
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43	<sup>17</sup> Erenbolone exposure programs metabolic dysfunction in larval medaka. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1539-1551	4.2	5
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40	Reversible Photohydration of Trenbolone Acetate Metabolites: Mechanistic Understanding of Product-to-Parent Reversion through Complementary Experimental and Theoretical Approaches. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 6753-61	10.3	11
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37	Nontarget Analysis Reveals a Bacterial Metabolite of Pyrene Implicated in the Genotoxicity of Contaminated Soil after Bioremediation. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 7091-7100	10.3	23
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29	Transcriptomic Profiles in Zebrafish Liver Permit the Discrimination of Surface Water with Pollution Gradient and Different Discharges. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	7
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27	Photocatalytic degradation of cortisone acetate by using graphite doped ceria nanoparticles under visible light illumination. <i>Materials Research Express</i> , <b>2019</b> , 6, 095907	1.7	3
26	Sorption and transport of trenbolone and altrenogest photoproducts in soil-water systems. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 1650-1663	4.3	3
25	Different response of 17 $\beta$ -ethinylestradiol photodegradation induced by aquatic humic and fulvic acids to typical water matrixes. <i>Chemical Engineering Research and Design</i> , <b>2019</b> , 121, 367-373	5.5	10
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