

Environmental impact of estrogens on human, animal a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantification of Estradiol Uptake in Zebrafish Embryos and Larvae. <i>Toxicological Sciences</i> , 2017, 158, 465-474.	1.4	26
2	Paternal exposure to environmental 17-alpha-ethinylestradiol concentrations modifies testicular transcription, affecting the sperm transcript content and the offspring performance in zebrafish. <i>Aquatic Toxicology</i> , 2017, 193, 18-29.	1.9	28
3	Environmental application of biochar: Current status and perspectives. <i>Bioresource Technology</i> , 2017, 246, 110-122.	4.8	536
4	Three classes of steroids in typical freshwater aquaculture farms: Comparison to marine aquaculture farms. <i>Science of the Total Environment</i> , 2017, 609, 942-950.	3.9	26
5	The impact of estrogens on aquatic organisms and methods for their determination. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 909-963.	6.6	35
6	A survey of 17 β -ethinylestradiol and mestranol residues in Hawkesbury River, Australia, using a highly specific enzyme-linked immunosorbent assay (ELISA) demonstrates the levels of potential biological significance. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 585-592.	2.9	14
7	Emerging Estrogenic Pollutants in the Aquatic Environment and Breast Cancer. <i>Genes</i> , 2017, 8, 229.	1.0	58
8	Dysregulation of Alternative Poly-adenylation as a Potential Player in Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 279.	1.4	13
9	Adsorption of Contaminants of Emerging Concern from Aqueous Solutions using Cu ²⁺ Amino Grafted SBA-15 Mesoporous Silica: Multicomponent and Metabolites Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6426-6439.	1.8	22
10	Simultaneous determination of seven pesticide residues in soil samples using ultrasound-assisted dispersive solid-phase extraction combined with UHPLC-MS/MS. <i>Separation Science Plus</i> , 2018, 1, 296-305.	0.3	8
11	The intake of water containing a mix of pollutants at environmentally relevant concentrations leads to defensive response deficit in male C57Bl/6J mice. <i>Science of the Total Environment</i> , 2018, 628-629, 186-197.	3.9	18
12	Cyclodextrin-Functionalized Fiber Yarns Spun from Deep Eutectic Cellulose Solutions for Nonspecific Hormone Capture in Aqueous Matrices. <i>Biomacromolecules</i> , 2018, 19, 652-661.	2.6	19
13	Opportunities for process intensification in the UK water industry: A review. <i>Journal of Water Process Engineering</i> , 2018, 21, 116-126.	2.6	20
14	The accumulation, transformation, and effects of quinnestrol in duckweed (<i>Spirodela polyrhiza</i> L.). <i>Science of the Total Environment</i> , 2018, 634, 1034-1041.	3.9	6
16	Review: Micro-organic contaminants in groundwater in China. <i>Hydrogeology Journal</i> , 2018, 26, 1351-1369.	0.9	34
17	Screening for Biologically Annotated Drugs That Trigger Triacylglycerol Accumulation in the Diatom <i>Phaeodactylum</i> . <i>Plant Physiology</i> , 2018, 177, 532-552.	2.3	43
18	Bioprocessing for elimination antibiotics and hormones from swine wastewater. <i>Science of the Total Environment</i> , 2018, 621, 1664-1682.	3.9	238
19	A novel templated synthesis of C/N-doped β -Bi ₂ O ₃ nanosheets for synergistic rapid removal of 17 β -ethinylestradiol by adsorption and photocatalytic degradation. <i>Ceramics International</i> , 2018, 44, 2178-2185.	2.3	32

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20	Removal of estrogenic hormones from manure-containing water by vegetable oil capture. <i>Journal of Hazardous Materials</i> , 2018, 343, 125-131.	6.5	4
21	Validation of Arxula Yeast Estrogen Screen assay for detection of estrogenic activity in water samples: Results of an international interlaboratory study. <i>Science of the Total Environment</i> , 2018, 621, 612-625.	3.9	32
22	Occurrence, removal and risk of organic micropollutants in wastewater treatment plants across China: Comparison of wastewater treatment processes. <i>Water Research</i> , 2018, 130, 38-46.	5.3	289
23	Occurrence of chemicals with known or suspected endocrine disrupting activity in drinking water, groundwater and surface water, Austria 2017/2018. <i>Bodenkultur</i> , 2018, 69, 155-173.	0.1	12
24	Vitellogenesis and Yolk Proteins, <i>Fish.</i> , 2018, , 266-277.		30
25	Pharmaceuticals in the Environment: Focus on Drinking-Water. , 2018, , 325-325.		5
26	Uptake and transformation of steroid estrogens as emerging contaminants influence plant development. <i>Environmental Pollution</i> , 2018, 243, 1487-1497.	3.7	45
27	Toward the determination of estrogenic compounds in the framework of EU watch list: validation and implementation of a two-step solid phase extractionâ€“liquid phase chromatography coupled to tandem mass spectrometry method. <i>Accreditation and Quality Assurance</i> , 2018, 23, 285-295.	0.4	6
28	Litter Type and Number of Flocks Affect Sex Hormones in Broiler Litter. <i>Journal of Environmental Quality</i> , 2018, 47, 156-161.	1.0	8
29	Front Cover: Simultaneous determination of seven pesticide residues in soil samples using ultrasound-assisted dispersive solid-phase extraction combined with UHPLC-MS/MS. <i>Separation Science Plus</i> , 2018, 1, NA-NA.	0.3	0
30	Natural and synthetic estrogens in leafy vegetable and their risk associated to human health. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36712-36723.	2.7	15
31	Selective separation and purification of 17 β -estradiol from marine sediment using an optimized coreâ€“shell molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2018, 41, 3848-3854.	1.3	5
32	Whole-transcriptome response to wastewater treatment plant and stormwater effluents in the Asian clam, <i>Corbicula fluminea</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 96-106.	2.9	20
33	Tailoring MWCNTs and 17 β -Cyclodextrin for Sensitive Detection of Acetaminophen and Estrogen. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21411-21427.	4.0	66
34	Combined oral contraceptives promote androgen receptor and oestrogen receptor alpha upregulation in the female prostate (Skeneâ€™s paraurethral glands) of adult gerbils (Meriones) Tj ETQq0 0 0 rgBTd/Overlock310 Tf 50 1		
35	Occurrence and distribution of carbamazepine, nicotine, estrogenic compounds, and their transformation products in wastewater from various treatment plants and the aquatic environment. <i>Science of the Total Environment</i> , 2018, 640-641, 1015-1023.	3.9	69
36	HPLCâ€™EC Analysis of Estrogenic Compounds: A Comparison of Diamond and Tetrahedral Amorphous Carbon Electrode Performance. <i>Electroanalysis</i> , 2018, 30, 1575-1582.	1.5	3
37	Photodegradation of 17 β -Ethinylstradiol (EE2) on Nanostructured Material of Type WO3-SBA-15. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	9

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38	A review on the use of hormones in fish farming: Analytical methods to determine their residues. <i>CYTA - Journal of Food</i> , 2018, 16, 679-691.	0.9	62
39	Occurrence and Removal of Emerging Micropollutants from Urban Wastewater. <i>Water Science and Technology Library</i> , 2018, , 231-254.	0.2	4
40	High levels of the endocrine disruptors bisphenol-A and 17 β -estradiol detected in populations of green mussel, <i>Perna viridis</i> , cultured in the Gulf of Thailand. <i>Aquaculture</i> , 2018, 497, 348-356.	1.7	26
41	Genomic integration and ligand-dependent activation of the human estrogen receptor α in the crustacean <i>Daphnia magna</i> . <i>PLoS ONE</i> , 2018, 13, e0198023.	1.1	5
42	Detailed Analysis of 17 β -Estradiol-Aptamer Interactions: A Molecular Dynamics Simulation Study. <i>Molecules</i> , 2018, 23, 1690.	1.7	23
43	Chloroperoxidase-Mediated Halogenation of Selected Pharmaceutical Micropollutants. <i>Catalysts</i> , 2018, 8, 32.	1.6	18
44	Gestational oral low-dose estradiol-17 β induces altered DNA methylation of CDKN2D and PSAT1 in embryos and adult offspring. <i>Scientific Reports</i> , 2018, 8, 7494.	1.6	19
45	Effects of bisphenol analogs on thyroid endocrine system and possible interaction with 17 β -estradiol using GH3 cells. <i>Toxicology in Vitro</i> , 2018, 53, 107-113.	1.1	24
46	Emerging Pollutants—Part I: Occurrence, Fate and Transport. <i>Water Environment Research</i> , 2018, 90, 1301-1322.	1.3	18
47	Dissolved organic matter and estrogen interactions regulate estrogen removal in the aqueous environment: A review. <i>Science of the Total Environment</i> , 2018, 640-641, 529-542.	3.9	70
48	Investigation of estrogen activity in the raw and treated waters of riverbank infiltration using a yeast estrogen screen and chemical analysis. <i>Journal of Water and Health</i> , 2018, 16, 635-645.	1.1	6
49	Gender differences in bronchiectasis: a real issue?. <i>Breathe</i> , 2018, 14, 108-121.	0.6	50
50	Temporal evaluation of estrogenic endocrine disruption markers in smallmouth bass (<i>Micropterus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.9	9
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55	Gold nanoparticles as dehydrogenase mimicking nanozymes for estradiol degradation. <i>Chinese Chemical Letters</i> , 2019, 30, 1655-1658.	4.8	33

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56	Concentration-dependent effects of 17 β -estradiol and bisphenol A on lipid deposition, inflammation and antioxidant response in male zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2019, 237, 124422.	4.2	40
57	Irrigation Water Quality – A Contemporary Perspective. <i>Water (Switzerland)</i> , 2019, 11, 1482.	1.2	74
58	Current advances in biological swine wastewater treatment using microalgae-based processes. <i>Bioresource Technology</i> , 2019, 289, 121718.	4.8	158
59	Microwave-assisted chemical modification method for surface regulation of biochar and its application for estrogen removal. <i>Chemical Engineering Research and Design</i> , 2019, 128, 329-341.	2.7	42
60	Spontaneous changes in dissolved organic matter affect the bio-removal of steroid estrogens. <i>Science of the Total Environment</i> , 2019, 689, 616-624.	3.9	6
61	Determination of bisphenol analogues in food-contact plastics using diode array detector, charged aerosol detector and evaporative light-scattering detector. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109778.	2.9	22
62	Determination of environmental estrogens and bisphenol A in water samples by ultra-high performance liquid chromatography coupled to Q-Exactive high resolution mass spectrometry after magnetic solid-phase extraction. <i>Microchemical Journal</i> , 2019, 151, 104212.	2.3	21
63	Mineralization and Biotransformation of Estrone in Simulated Poultry Litter and Cow Manure Runoff Water. <i>Journal of Environmental Quality</i> , 2019, 48, 1120-1125.	1.0	6
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66	Application of a stable Ag/TiO ₂ film in the simultaneous photodegradation of hormones. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2656-2663.	1.6	9
67	Toxicity of single steroid hormones and their mixtures toward the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Journal of Applied Phycology</i> , 2019, 31, 3537-3544.	1.5	14
68	Biosorption of pharmaceutical products by mushroom stem waste. <i>Chemosphere</i> , 2019, 237, 124515.	4.2	37
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70	Fungal laccase-mediated humification of estrogens in aquatic ecosystems. <i>Water Research</i> , 2019, 166, 115040.	5.3	46
71	Removal of seven endocrine disrupting chemicals (EDCs) from municipal wastewater effluents by a freshwater green alga. <i>Environmental Pollution</i> , 2019, 247, 534-540.	3.7	94
72	Mating under the influence: male Siamese fighting fish prefer EE2-exposed females. <i>Ecotoxicology</i> , 2019, 28, 201-211.	1.1	4
73	Degradation of 17 β -estradiol and products by a mixed culture of <i>Rhodococcus equi</i> DSSKP-R-001 and <i>Comamonas testosteroni</i> QYY20150409. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 268-277.	0.5	18

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75	Potential and Feasibility of the Microalgal System in Removal of Pharmaceutical Compounds from Wastewater. , 2019, , 177-206.		3
76	Bioavailability of estrogenic compounds from sediment in the context of flood events evaluated by passive sampling. <i>Water Research</i> , 2019, 161, 540-548.	5.3	29
77	Morphometric signatures of exposure to endocrine disrupting chemicals in zebrafish leutheroembryos. <i>Aquatic Toxicology</i> , 2019, 214, 105232.	1.9	28
78	Enhanced adsorption of steroid estrogens by one-pot synthesized phenyl-modified mesoporous silica: Dependence on phenyl-organosilane precursors and pH condition. <i>Chemosphere</i> , 2019, 234, 438-449.	4.2	24
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80	A nanowell-based molecularly imprinted electrochemical sensor for highly sensitive and selective detection of 17 β -estradiol in food samples. <i>Food Chemistry</i> , 2019, 297, 124968.	4.2	37
81	Metabolism of obeticholic acid in brown bullhead (<i>Ameiurus nebulosus</i>). <i>Environmental Science and Pollution Research</i> , 2019, 26, 20316-20324.	2.7	3
82	Application of Microalgae in Wastewater Treatment. , 2019, , .		10
83	Estrogenic compounds as exogenous modulators of physiological functions in molluscs: Signaling pathways and biological responses. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 135-144.	1.3	10
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87	Bare polypropylene hollow fiber as extractive phase for in-tube solid-phase microextraction to determine estrogens in water samples. <i>Journal of Separation Science</i> , 2019, 42, 2398-2406.	1.3	17
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90	Occurrence and risk assessment of multiclass endocrine disrupting compounds in an urban tropical river and a proposed risk management and monitoring framework. <i>Science of the Total Environment</i> , 2019, 671, 431-442.	3.9	81
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92	In situ localization of micropollutants and associated stress response in <i>Populus nigra</i> leaves. <i>Environment International</i> , 2019, 126, 523-532.	4.8	15
93	Pharmaceuticals of Emerging Concern in Aquatic Systems: Chemistry, Occurrence, Effects, and Removal Methods. <i>Chemical Reviews</i> , 2019, 119, 3510-3673.	23.0	1,427
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95	The Effect of Structural Diversity on Ligand Specificity and Resulting Signaling Differences of Estrogen Receptor β . <i>Chemical Research in Toxicology</i> , 2019, 32, 1002-1013.	1.7	20
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97	The utility of vitellogenin as a biomarker of estrogenic endocrine disrupting chemicals in molluscs. <i>Environmental Pollution</i> , 2019, 248, 1067-1078.	3.7	54
98	A metal-organic framework of type MIL-101(Cr) for emulsification-assisted micro-solid-phase extraction prior to UHPLC-MS/MS analysis of polar estrogens. <i>Mikrochimica Acta</i> , 2019, 186, 165.	2.5	35
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100	Occurrence, sorption, and transformation of free and conjugated natural steroid estrogens in the environment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9443-9468.	2.7	46
101	Spatially Explicit Large-Scale Environmental Risk Assessment of Pharmaceuticals in Surface Water in China. <i>Environmental Science & Technology</i> , 2019, 53, 2559-2569.	4.6	28
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104	17 β -Ethinylestradiol in Lakes of Hanoi and its effect on seed germination. <i>Toxicological and Environmental Chemistry</i> , 2019, 101, 420-432.	0.6	0
105	Advances in the Analysis of Veterinary Drug Residues in Food Matrices by Capillary Electrophoresis Techniques. <i>Molecules</i> , 2019, 24, 4617.	1.7	17
106	Presence and Natural Treatment of Organic Micropollutants and their Risks after 100 Years of Incidental Water Reuse in Agricultural Irrigation. <i>Water (Switzerland)</i> , 2019, 11, 2148.	1.2	12
107	Biodegradation of 17- β -estradiol in water. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 4935-4944.	1.8	10
108	Predicting future river health in a minimally influenced mountainous area under climate change. <i>Science of the Total Environment</i> , 2019, 656, 1373-1385.	3.9	17
109	Environmental exposure to oestrogenic endocrine disruptors mixtures reflecting on gonadal sex steroids and gametogenesis of the neotropical fish <i>Astyanax rivularis</i> . <i>General and Comparative Endocrinology</i> , 2019, 279, 99-108.	0.8	17

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110	A prescription for drug-free rivers: uptake of pharmaceuticals by a widespread streamside willow. <i>Environmental Management</i> , 2019, 63, 136-147.	1.2	5
111	Vertical profiles and distributions of aqueous endocrine-disrupting chemicals in different matrices from the Pearl River Delta and the influence of environmental factors. <i>Environmental Pollution</i> , 2019, 246, 328-335.	3.7	33
112	UV-activated persulfate oxidation of 17 β -estradiol: Implications for discharge water remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102858.	3.3	19
113	Influence of anthropogenic activities and risk assessment on protected mangrove forest using traditional and emerging molecular markers (Cear� coast, northeastern Brazil). <i>Science of the Total Environment</i> , 2019, 656, 877-888.	3.9	23
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115	The endocrine disruptor, 17 β -ethinyl estradiol, alters male mate choice in a freshwater fish. <i>Aquatic Toxicology</i> , 2019, 208, 118-125.	1.9	16
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118	Double strand DNA functionalized Au@Ag Nps for ultrasensitive detection of 17 β -estradiol using surface-enhanced raman spectroscopy. <i>Talanta</i> , 2019, 195, 419-425.	2.9	65
119	N-propyl functionalized spherical mesoporous silica as a rapid and efficient adsorbent for steroid estrogen removal: Adsorption behaviour and effects of water chemistry. <i>Chemosphere</i> , 2019, 214, 361-370.	4.2	31
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122	Assessing the Estrogenic Activity of EDCs and Human Risks of Groundwater after Ozonation and Chlorination. <i>Ozone: Science and Engineering</i> , 2020, 42, 244-254.	1.4	7
123	Investigation of the sorption of 17 β -ethynylestradiol (EE2) on soils formed under aerobic and anaerobic conditions. <i>Chemosphere</i> , 2020, 240, 124817.	4.2	5
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127	Pharmaceuticals in the Urban Water Cycle. <i>Springer Water</i> , 2020, , 133-162.	0.2	1
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130	Sorption, transport, and transformation of natural and synthetic progestins in soil-water systems. <i>Journal of Hazardous Materials</i> , 2020, 384, 121482.	6.5	15
131	Characterization of an efficient estrogen-degrading bacterium <i>Stenotrophomonas maltophilia</i> SJTH1 in saline-, alkaline-, heavy metal-contained environments or solid soil and identification of four 17 β -estradiol-oxidizing dehydrogenases. <i>Journal of Hazardous Materials</i> , 2020, 385, 121616.	6.5	30
132	Function of agricultural waste montmorillonite-biochars for sorptive removal of 17 β -estradiol. <i>Bioresource Technology</i> , 2020, 296, 122368.	4.8	33
133	Fluorescent Reporter Zebrafish Line for Estrogenic Compound Screening Generated Using a CRISPR/Cas9-Mediated Knock-in System. <i>Toxicological Sciences</i> , 2020, 173, 336-346.	1.4	9
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135	A critical review on antibiotics and hormones in swine wastewater: Water pollution problems and control approaches. <i>Journal of Hazardous Materials</i> , 2020, 387, 121682.	6.5	295
136	Overview of the analysis, occurrence and ecological effects of hormones in lake waters in Asia. <i>Environmental Research</i> , 2020, 182, 109091.	3.7	26
137	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.	3.9	15
138	Novel PEP-PAN@PSF rods extraction of EDCs in environmental water, sediment, and fish homogenate followed by pre-column derivatization and UHPLC-MS/MS detection. <i>Talanta</i> , 2020, 210, 120661.	2.9	16
139	Determination of 17 β -ethinylestradiol and toxic metals in surface waters, and estimation of daily intake. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 21.	1.3	15
140	Estrogens in municipal wastewater and receiving waters in the Beijing-Tianjin-Hebei region, China: Occurrence and risk assessment of mixtures. <i>Journal of Hazardous Materials</i> , 2020, 389, 121891.	6.5	59
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142	Assessment of water contamination and health risk of endocrine disrupting chemicals in outdoor and indoor swimming pools. <i>Science of the Total Environment</i> , 2020, 704, 135277.	3.9	17
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