

# Edwin John Routledge

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39  
papers

6,353  
citations

24  
h-index

41  
g-index

41  
ext. papers

6,675  
ext. citations

6.4  
avg, IF

5.31  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 39 | Identification of Estrogenic Chemicals in STW Effluent. 1. Chemical Fractionation and in Vitro Biological Screening. <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 1549-1558                                      | 10.3 | 1410      |
| 38 | Estrogenic activity of surfactants and some of their degradation products assessed using a recombinant yeast screen. <i>Environmental Toxicology and Chemistry</i> , <b>1996</b> , 15, 241-248  | 3.8  | 1149      |
| 37 | Identification of Estrogenic Chemicals in STW Effluent. 2. In Vivo Responses in Trout and Roach. <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 1559-1565  | 10.3 | 812       |
| 36 | Some alkyl hydroxy benzoate preservatives (parabens) are estrogenic. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 153, 12-9   | 4.6  | 574       |
| 35 | Structural features of alkylphenolic chemicals associated with estrogenic activity. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 3280-8  | 5.4  | 380       |
| 34 | A survey of estrogenic activity in United Kingdom inland waters. <i>Environmental Toxicology and Chemistry</i> , <b>1996</b> , 15, 1993-2002  | 3.8  | 303       |
| 33 | Differential effects of xenoestrogens on coactivator recruitment by estrogen receptor (ER) alpha and ERbeta. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 35986-93   | 5.4  | 273       |
| 32 | The rodent uterotrophic assay: critical protocol features, studies with nonyl phenols, and comparison with a yeast estrogenicity assay. <i>Regulatory Toxicology and Pharmacology</i> , <b>1997</b> , 25, 176-88                      | 3.4  | 203       |
| 31 | Endocrine disrupting effects of herbicides and pentachlorophenol: in vitro and in vivo evidence. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 2144-50  | 10.3 | 146       |
| 30 | Whole genome analysis of a schistosomiasis-transmitting freshwater snail. <i>Nature Communications</i> , <b>2017</b> , 8, 15451   | 17.4 | 138       |
| 29 | Issues arising when interpreting results from an in vitro assay for estrogenic activity. <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 162, 22-33  | 4.6  | 138       |
| 28 | Rapid loss of estrogenicity of steroid estrogens by UVA photolysis and photocatalysis over an immobilised titanium dioxide catalyst. <i>Water Research</i> , <b>2004</b> , 38, 3233-40  | 12.5 | 111       |
| 27 | Isomer-specific degradation and endocrine disrupting activity of nonylphenols. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 6399-408   | 10.3 | 95        |
| 26 | Benzotriazole is antiestrogenic in vitro but not in vivo. <i>Environmental Toxicology and Chemistry</i> , <b>2007</b> , 26, 2367-72   | 3.8  | 73        |
| 25 | Estrogenic activity measured in a sewage treatment works treating industrial inputs containing high concentrations of alkylphenolic compounds—a case study. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 507-514 | 3.8  | 65        |
| 24 | Estrogenic activity of surfactants and some of their degradation products assessed using a recombinant yeast screen <b>1996</b> , 15, 241   |      | 64        |
| 23 | Novel estrogen receptor-related Transcripts in <i>Marisa cornuarietis</i> ; a freshwater snail with reported sensitivity to estrogenic chemicals. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 2643-50           | 10.3 | 57        |

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|----|---|------|----|
| 22 | Reduction in the estrogenic activity of a treated sewage effluent discharge to an english river as a result of a decrease in the concentration of industrially derived surfactants. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 515-519 | 3.8  | 56 |
| 21 | The nuclear receptors of <i>Biomphalaria glabrata</i> and <i>Lottia gigantea</i> : implications for developing new model organisms. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121259  | 3.7  | 35 |
| 20 | Selective ethenolysis and oestrogenicity of compounds from cashew nut shell liquid. <i>Green Chemistry</i> , <b>2014</b> , 16, 2846-2856  | 10   | 30 |
| 19 | Agricultural intensity in ovo affects growth, metamorphic development and sexual differentiation in the common toad ( <i>Bufo bufo</i> ). <i>Ecotoxicology</i> , <b>2011</b> , 20, 901-11   | 2.9  | 29 |
| 18 | Plants used in Chinese medicine for the treatment of male infertility possess antioxidant and anti-oestrogenic activity. <i>Systems Biology in Reproductive Medicine</i> , <b>2008</b> , 54, 185-95   | 2.9  | 26 |
| 17 | Estrogenicity of alkylphenolic compounds: A 3-D structure-activity evaluation of gene activation. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 1727-1740   | 3.8  | 26 |
| 16 | No substantial changes in estrogen receptor and estrogen-related receptor orthologue gene transcription in <i>Marisa cornuarietis</i> exposed to estrogenic chemicals. <i>Aquatic Toxicology</i> , <b>2013</b> , 140-141, 19-26                               | 5.1  | 25 |
| 15 | 17β-Estradiol may prolong reproduction in seasonally breeding freshwater gastropod molluscs. <i>Aquatic Toxicology</i> , <b>2011</b> , 101, 326-34  | 5.1  | 22 |
| 14 | 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> , <b>2018</b> , 621, 612-625                               | 10.2 | 19 |
| 13 | Exposure to treated sewage effluent disrupts reproduction and development in the seasonally breeding Ramshorn snail (subclass: Pulmonata, <i>Planorbis corneus</i> ). <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 2092-8                | 10.3 | 17 |
| 12 | A survey of estrogenic activity in United Kingdom inland waters <b>1996</b> , 15, 1993  |      | 17 |
| 11 | Present-day monitoring underestimates the risk of exposure to pathogenic bacteria from cold water storage tanks. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195635   | 3.7  | 11 |
| 10 | Low-cost motility tracking system (LOCOMOTIS) for time-lapse microscopy applications and cell visualisation. <i>PLoS ONE</i> , <b>2014</b> , 9, e103547   | 3.7  | 10 |
| 9  | Steroid Androgen Exposure during Development Has No Effect on Reproductive Physiology of <i>Biomphalaria glabrata</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0159852  | 3.7  | 9  |
| 8  | Early embryonic exposure of freshwater gastropods to pharmaceutical 5-alpha-reductase inhibitors results in a surprising open-coiled "banana-shaped" shell. <i>Scientific Reports</i> , <b>2019</b> , 9, 16439  | 4.9  | 4  |
| 7  | Response to Comment on Identification of Estrogenic Chemicals in STW Effluent. 1. Chemical Fractionation and in Vitro Biological Screening <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 371-371  | 10.3 | 4  |
| 6  | . <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 507   | 3.8  | 4  |
| 5  | Barriers to effective <i>Legionella</i> control in a changing world: a practitioner's view. <i>Environmental Technology Reviews</i> , <b>2017</b> , 6, 145-155  | 7.7  | 3  |

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| 4 | Reduction in the estrogenic activity of a treated sewage effluent discharge to an english river as a result of a decrease in the concentration of industrially derived surfactants <b>2002</b> , 21, 515 |      | 2 |
| 3 | A Comparison of Different Approaches for Characterizing Microplastics in Selected Personal Care Products. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,                                  | 3.8  | 2 |
| 2 | An investigation into the biological effects of indirect potable reuse water using zebrafish embryos. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 147981                                | 10.2 | 1 |
| 1 | Estrogenic Effects of Treated Sewage Effluent on Fish <b>2008</b> , 971-1002   |      |   |