Edwin John Routledge

List of Publications by Year in Descending Order

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	A Comparison of Different Approaches for Characterizing Microplastics in Selected Personal Care Products. *Environmental Toxicology and Chemistry*, **2021**,	3.8	2
38	An investigation into the biological effects of indirect potable reuse water using zebrafish embryos. *Science of the Total Environment*, **2021**, 789, 147981	10.2	1
37	Early embryonic exposure of freshwater gastropods to pharmaceutical 5-alpha-reductase inhibitors results in a surprising open-coiled "banana-shaped" shell. *Scientific Reports*, **2019**, 9, 16439	4.9	4
36	Validation of Arxula Yeast Estrogen Screen assay for detection of estrogenic activity in water samples: Results of an international interlaboratory study. *Science of the Total Environment*, **2018**, 621, 612-625	10.2	19
35	Present-day monitoring underestimates the risk of exposure to pathogenic bacteria from cold water storage tanks. *PLoS ONE*, **2018**, 13, e0195635	3.7	11
34	Whole genome analysis of a schistosomiasis-transmitting freshwater snail. *Nature Communications*, **2017**, 8, 15451	17.4	138
33	Barriers to effective Legionella control in a changing world: a practitioners view. *Environmental Technology Reviews*, **2017**, 6, 145-155	7.7	3
32	Steroid Androgen Exposure during Development Has No Effect on Reproductive Physiology of Biomphalaria glabrata. *PLoS ONE*, **2016**, 11, e0159852	3.7	9
31	The nuclear receptors of Biomphalaria glabrata and Lottia gigantea: implications for developing new model organisms. *PLoS ONE*, **2015**, 10, e0121259	3.7	35
30	Selective ethenolysis and oestrogenicity of compounds from cashew nut shell liquid. *Green Chemistry*, **2014**, 16, 2846-2856	10	30
29	Low-cost motility tracking system (LOCOMOTIS) for time-lapse microscopy applications and cell visualisation. *PLoS ONE*, **2014**, 9, e103547	3.7	10
28	No substantial changes in estrogen receptor and estrogen-related receptor orthologue gene transcription in Marisa cornuarietis exposed to estrogenic chemicals. *Aquatic Toxicology*, **2013**, 140-141, 19-26	5.1	25
27	17 Oestradiol may prolong reproduction in seasonally breeding freshwater gastropod molluscs. *Aquatic Toxicology*, **2011**, 101, 326-34	5.1	22
26	Agricultural intensity in ovo affects growth, metamorphic development and sexual differentiation in the common toad (Bufo bufo). *Ecotoxicology*, **2011**, 20, 901-11	2.9	29
25	Exposure to treated sewage effluent disrupts reproduction and development in the seasonally breeding Ramshorn snail (subclass: Pulmonata, Planorbarius corneus). *Environmental Science & Technology*, **2009**, 43, 2092-8	10.3	17
24	Endocrine disrupting effects of herbicides and pentachlorophenol: in vitro and in vivo evidence. *Environmental Science & Technology*, **2009**, 43, 2144-50	10.3	146
23	Isomer-specific degradation and endocrine disrupting activity of nonylphenols. *Environmental Science & Technology*, **2008**, 42, 6399-408	10.3	95

22	Plants used in Chinese medicine for the treatment of male infertility possess antioxidant and anti-oestrogenic activity. *Systems Biology in Reproductive Medicine*, **2008**, 54, 185-95	2.9	26
21	Estrogenic Effects of Treated Sewage Effluent on Fish **2008**, 971-1002		
20	Novel estrogen receptor-related Transcripts in Marisa cornuarietis; a freshwater snail with reported sensitivity to estrogenic chemicals. *Environmental Science & Technology*, **2007**, 41, 2643-50	10.3	57
19	Benzotriazole is antiestrogenic in vitro but not in vivo. *Environmental Toxicology and Chemistry*, **2007**, 26, 2367-72	3.8	73
18	Rapid loss of estrogenicity of steroid estrogens by UVA photolysis and photocatalysis over an immobilised titanium dioxide catalyst. *Water Research*, **2004**, 38, 3233-40	12.5	111
17	Estrogenic activity measured in a sewage treatment works treating industrial inputs containing high concentrations of alkylphenolic compounds A case study. *Environmental Toxicology and Chemistry*, **2002**, 21, 507-514	3.8	65
16	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. *Environmental Toxicology and Chemistry*, **2002**, 21, 515-519	3.8	56
15	. *Environmental Toxicology and Chemistry*, **2002**, 21, 507	3.8	4
14	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 **2002**, 21, 515		2
13	Estrogenicity of alkylphenolic compounds: A 3-D structure ctivity evaluation of gene activation. *Environmental Toxicology and Chemistry*, **2000**, 19, 1727-1740	3.8	26
12	Issues arising when interpreting results from an in vitro assay for estrogenic activity. *Toxicology and Applied Pharmacology*, **2000**, 162, 22-33	4.6	138
11	Differential effects of xenoestrogens on coactivator recruitment by estrogen receptor (ER) alpha and ERbeta. *Journal of Biological Chemistry*, **2000**, 275, 35986-93	5.4	273
10	Response to Comment on dentification of Estrogenic Chemicals in STW Effluent. 1. Chemical Fractionation and in Vitro Biological Screening *Environmental Science & Technology*, **1999**, 33, 371-371	10.3	4
9	Some alkyl hydroxy benzoate preservatives (parabens) are estrogenic. *Toxicology and Applied Pharmacology*, **1998**, 153, 12-9	4.6	574
8	Identification of Estrogenic Chemicals in STW Effluent. 2. In Vivo Responses in Trout and Roach. *Environmental Science & Technology*, **1998**, 32, 1559-1565	10.3	812
7	Identification of Estrogenic Chemicals in STW Effluent. 1. Chemical Fractionation and in Vitro Biological Screening. *Environmental Science & Technology*, **1998**, 32, 1549-1558	10.3	1410
6	Structural features of alkylphenolic chemicals associated with estrogenic activity. *Journal of Biological Chemistry*, **1997**, 272, 3280-8	5.4	380
5	The rodent uterotrophic assay: critical protocol features, studies with nonyl phenols, and comparison with a yeast estrogenicity assay. *Regulatory Toxicology and Pharmacology*, **1997**, 25, 176-88	3.4	203

4	Estrogenic activity of surfactants and some of their degradation products assessed using a recombinant yeast screen. *Environmental Toxicology and Chemistry*, **1996**, 15, 241-248	3.8	1149
3	A survey of estrogenic activity in United Kingdom inland waters. *Environmental Toxicology and Chemistry*, **1996**, 15, 1993-2002	3.8	303
2	Estrogenic activity of surfactants and some of their degradation products assessed using a recombinant yeast screen **1996**, 15, 241		64
1	A survey of estrogenic activity in United Kingdom inland waters **1996**, 15, 1993		17