

List of Publications by Year in  
Descending Order

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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.

84 papers	2,585 citations	27 h-index	48 g-index
84 ext. papers	3,095 ext. citations	6.2 avg, IF	5.35 L-index

#	Paper	IF	Citations
84	Biodegradation of synthetic estrogen using bioelectrochemical system and degradation pathway analysis through Quadrupole-time-of-flight-mass spectrometry.. <i>Bioresource Technology</i> , <b>2022</b> , 349, 126857	11	0
83	Sediment spiking and equilibration procedures to achieve partitioning of uranium similar to contamination in tropical wetlands near a mine-site.. <i>Environmental Pollution</i> , <b>2021</b> , 295, 118673	9.3	
82	Mixture toxicity assessment of selected insecticides to silver perch fingerling, <i>Bidyanus bidyanus</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 226, 112790	7	0
81	Combined toxicity of therapeutic pharmaceuticals to duckweed, <i>Lemna minor</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111428	7	7
80	Assessing the Ecological Risks of Per- and Polyfluoroalkyl Substances: Current State-of-the Science and a Proposed Path Forward. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 564-605	3.8	51
79	Using bioanalytical tools to detect and track organic micropollutants in the Ganga River near two major cities. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124135	12.8	2
78	Toxicity assessment of gold ions and gold nanoparticles to golden perch larvae ( <i>Macquaria ambigua</i> ). <i>Mineralogical Magazine</i> , <b>2021</b> , 85, 94-104	1.7	1
77	2019-2020 Bushfire impacts on sediment and contaminant transport following rainfall in the Upper Murray River catchment. <i>Integrated Environmental Assessment and Management</i> , <b>2021</b> , 17, 1203-1214	2.5	5
76	Bioelectrochemical systems for environmental remediation of estrogens: A review and way forward. <i>Science of the Total Environment</i> , <b>2021</b> , 780, 146544	10.2	11
75	Potential carcinogenic and non-carcinogenic health hazards of metal(loid)s in food grains. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 17032-17042	5.1	5
74	Managed Aquifer Recharge at a Farm Level: Evaluating the Performance of Direct Well Recharge Structures. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1069	3	3
73	Translocation of pharmaceuticals from wastewater into beehives. <i>Environment International</i> , <b>2020</b> , 134, 105248	12.9	5
72	Addressing challenges in providing a reliable ecotoxicology data for graphene-oxide (GO) using an algae ( <i>Raphidocelis subcapitata</i> ), and the trophic transfer consequence of GO-algae aggregates. <i>Chemosphere</i> , <b>2020</b> , 245, 125640	8.4	2
71	Risks of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) for Sustainable Water Recycling via Aquifers. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1737	3	12
70	Aquatic Phytotoxicity to <i>Lemna minor</i> of Three Commonly Used Drugs of Addiction in Australia. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2019</b> , 103, 710-716	2.7	1
69	Microplastics in municipal mixed-waste organic outputs induce minimal short to long-term toxicity in key terrestrial biota. <i>Environmental Pollution</i> , <b>2019</b> , 252, 522-531	9.3	91
68	Effects of polyethylene microplastics on the acute toxicity of a synthetic pyrethroid to midge larvae ( <i>Chironomus tepperi</i> ) in synthetic and river water. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 971-975	10.2	29

67	In Vitro nuclear receptor inhibition and cytotoxicity of hydraulic fracturing chemicals and their binary mixtures. <i>Chemosphere</i> , <b>2018</b> , 198, 565-573	8.4	7
66	Ecotoxicology of manufactured graphene oxide nanomaterials and derivation of preliminary guideline values for freshwater environments. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 1340-1348	3.8	15
65	A bacterium-based contact assay for evaluating the quality of solid samples-Results from an international ring-test. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 352, 139-147	12.8	3
64	Environmentally relevant concentrations of polyethylene microplastics negatively impact the survival, growth and emergence of sediment-dwelling invertebrates. <i>Environmental Pollution</i> , <b>2018</b> , 236, 425-431	9.3	125
63	Environmental pollution affects molecular and biochemical responses during gonadal maturation of <i>Astyanax fasciatus</i> (Teleostei: Characiformes: Characidae). <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 926-934	7	22
62	Mixed-Mode Remediation of Cadmium and Arsenate Ions Using Graphene-Based Materials. <i>Clean - Soil, Air, Water</i> , <b>2018</b> , 46, 1800073	1.6	3
61	The impacts of modern-use pesticides on shrimp aquaculture: An assessment for north eastern Australia. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 770-780	7	41
60	Sorptive remediation of perfluorooctanoic acid (PFOA) using mixed mineral and graphene/carbon-based materials. <i>Environmental Chemistry</i> , <b>2018</b> , 15, 472	3.2	21
59	Potential ecological risks of metal(loid)s in riverine floodplain soils. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 164, 722-731	7	10
58	Population-relevant endpoints in the evaluation of endocrine-active substances (EAS) for ecotoxicological hazard and risk assessment. <i>Integrated Environmental Assessment and Management</i> , <b>2017</b> , 13, 317-330	2.5	21
57	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. <i>Integrated Environmental Assessment and Management</i> , <b>2017</b> , 13, 267-279	2.5	32
56	Multigenerational effects of two glucocorticoids (prednisolone and dexamethasone) on life-history parameters of crustacean <i>Ceriodaphnia dubia</i> (Cladocera). <i>Environmental Pollution</i> , <b>2017</b> , 225, 569-578	9.3	6
55	Binary combinations of organophosphorus and synthetic pyrethroids are more potent acetylcholinesterase inhibitors than organophosphorus and carbamate mixtures: An in vitro assessment. <i>Toxicology Letters</i> , <b>2017</b> , 268, 8-16	4.4	14
54	Impact of Microplastic Beads and Fibers on Waterflea ( <i>Ceriodaphnia dubia</i> ) Survival, Growth, and Reproduction: Implications of Single and Mixture Exposures. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13397-13406	10.3	186
53	Incorporating Transgenerational Epigenetic Inheritance into Ecological Risk Assessment Frameworks. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 9433-9445	10.3	26
52	Effects of copper on the survival, hatching, and reproduction of a pulmonate snail ( <i>Physa acuta</i> ). <i>Chemosphere</i> , <b>2017</b> , 185, 1208-1216	8.4	11
51	Assessing multigenerational effects of prednisolone to the freshwater snail, <i>Physa acuta</i> (Gastropoda: Physidae). <i>Journal of Hazardous Materials</i> , <b>2017</b> , 339, 281-291	12.8	14
50	Pharmaceuticals and personal care products (PPCPs) in Australia's largest inland sewage treatment plant, and its contribution to a major Australian river during high and low flow. <i>Science of the Total Environment</i> , <b>2016</b> , 541, 1625-1637	10.2	156

49	Oxidation of ciprofloxacin and enrofloxacin by ferrate(VI): Products identification, and toxicity evaluation. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 320, 296-303	12.8	50
48	No evidence of exposure to environmental estrogens in two feral fish species sampled from the Yarra River, Australia: A comparison with Northern Hemisphere studies. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 131, 104-17	7	11
47	The authorsTreply. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 2395-2396	3.8	
46	Does anti-androgen, flutamide cancel out the in vivo effects of the androgen, dihydrotestosterone on sexual development in juvenile Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> )?. <i>Aquatic Toxicology</i> , <b>2016</b> , 170, 72-80	5.1	7
45	De novo assembly and analysis of changes in the protein-coding transcriptome of the freshwater shrimp <i>Paratya australiensis</i> (Decapoda: Atyidae) in response to acid sulfate drainage water. <i>BMC Genomics</i> , <b>2016</b> , 17, 890	4.5	6
44	Derivation of water quality guidelines for priority pharmaceuticals. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1815-24	3.8	16
43	Prednisolone impairs embryonic and posthatching development and shell formation of the freshwater snail, <i>Physa acuta</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 2339-48	3.8	5
42	In vitro nuclear receptor activity and in vivo gene expression analysis in Murray-Darling rainbowfish ( <i>Melanotaenia fluviatilis</i> ) after short-term exposure to fluoxetine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 188, 1-8	3.2	5
41	Removal of carbamazepine in aqueous solutions through solar photolysis of free available chlorine. <i>Water Research</i> , <b>2016</b> , 100, 413-420	12.5	62
40	Integrated assessment of wastewater treatment plant effluent estrogenicity in the Upper Murray River, Australia, using the native Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 1078-87	3.8	10
39	Nortestosterone-derived synthetic progestogens do not activate the progestogen receptor of Murray-Darling rainbowfish ( <i>Melanotaenia fluviatilis</i> ) but are potent agonists of androgen receptors alpha and beta. <i>Aquatic Toxicology</i> , <b>2015</b> , 163, 97-101	5.1	29
38	Characterisation of microcontaminants in Darwin Harbour, a tropical estuary of northern Australia undergoing rapid development. <i>Science of the Total Environment</i> , <b>2015</b> , 536, 639-647	10.2	23
37	Tracking multiple modes of endocrine activity in Australia's largest inland sewage treatment plant and effluent- receiving environment using a panel of in vitro bioassays. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 2271-81	3.8	22
36	Co-treatment with the non-steroidal anti-androgen drug, flutamide and the natural estrogen, 17 $\beta$ -estradiol does not lead to additive reproductive impairment in juvenile Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 1241-53	4.1	5
35	Identification of Putative Nuclear Receptors and Steroidogenic Enzymes in Murray-Darling Rainbowfish ( <i>Melanotaenia fluviatilis</i> ) Using RNA-Seq and De Novo Transcriptome Assembly. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142636	3.7	2
34	Binary combinations of organophosphorus pesticides exhibit differential toxicity under oxidised and un-oxidised conditions. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 115, 93-100	7	11
33	Differential ligand selectivity of androgen receptors [and [from Murray-Darling rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>General and Comparative Endocrinology</i> , <b>2015</b> , 212, 84-91	3	15
32	Long-term exposures to di-n-butyl phthalate inhibit body growth and impair gonad development in juvenile Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 806-16	4.1	9

31	Ecological evidence links adverse biological effects to pesticide and metal contamination in an urban Australian watershed. <i>Journal of Applied Ecology</i> , <b>2014</b> , 51, 426-439	5.8	44
30	Benchmarking organic micropollutants in wastewater, recycled water and drinking water with in vitro bioassays. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1940-56	10.3	295
29	Cytotoxicity of binary mixtures of human pharmaceuticals in a fish cell line: approaches for non-monotonic concentration-response relationships. <i>Chemosphere</i> , <b>2014</b> , 108, 334-42	8.4	14
28	Di-n-butyl phthalate causes estrogenic effects in adult male Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Aquatic Toxicology</i> , <b>2014</b> , 149, 103-15	5.1	32
27	Effects of short-term exposure to the model anti-androgen, flutamide on reproductive function based endpoints in female Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 109, 143-51	7	9
26	Assessment of multiple hormonal activities in wastewater at different stages of treatment. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 2297-307	3.8	49
25	Effects of the commercial antiandrogen flutamide on the biomarkers of reproduction in male Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1098-107	3.8	22
24	Bioconcentration of triclosan and methyl-triclosan in marine mussels ( <i>Mytilus galloprovincialis</i> ) under laboratory conditions and in metropolitan waters of Gulf St Vincent, South Australia. <i>Marine Pollution Bulletin</i> , <b>2013</b> , 74, 66-72	6.7	31
23	Di-n-butyl phthalate causes antiestrogenic effects in female Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 2335-44	3.8	16
22	Modeling of steroid estrogen contamination in UK and South Australian rivers predicts modest increases in concentrations in the future. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 7224-32	10.3	25
21	The use of multiple tracers for tracking wastewater discharges in freshwater systems. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 9321-32	3.1	15
20	Toxicological assessment of pesticides used in the Pagsanjan-Lumban catchment to selected non-target aquatic organisms in Laguna Lake, Philippines. <i>Agricultural Water Management</i> , <b>2012</b> , 106, 42-49	5.9	19
19	Estrogen mediated effects in the Sydney rock oyster, <i>Saccostrea glomerata</i> , following field exposures to sewage effluent containing estrogenic compounds and activity. <i>Aquatic Toxicology</i> , <b>2012</b> , 120-121, 99-108	5.1	27
18	Comparative study on the toxicity of pyrethroids, Ecypermethrin and deltamethrin to <i>Ceriodaphnia dubia</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 78, 9-13	7	22
17	Nature of the clay - cation bond affects soil structure as verified by X-ray computed tomography. <i>Soil Research</i> , <b>2012</b> , 50, 638	1.8	24
16	Vitellogenin induction by 17Estradiol and 17Ethyneylestradiol in male Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2620-7	3.8	41
15	Toxicity of selected pesticides to freshwater shrimp, <i>Paratya australiensis</i> (Decapoda: Atyidae): use of time series acute toxicity data to predict chronic lethality. <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 360-9	7	39
14	Response and recovery of acetylcholinesterase activity in freshwater shrimp, <i>Paratya australiensis</i> (Decapoda: Atyidae) exposed to selected anti-cholinesterase insecticides. <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 1503-10	7	33

13	Fate of indicator endocrine disrupting chemicals in sewage during treatment and polishing for non-potable reuse. <i>Water Science and Technology</i> , <b>2010</b> , 62, 1416-23	2.2	8
12	Nucleotide sequence, tissue expression patterns and phylogenetic analysis of estrogen receptor one mRNA in the Murray rainbowfish ( <i>Melanotaenia fluviatilis</i> ) (Atheriniformes, Actinopterygii). <i>General and Comparative Endocrinology</i> , <b>2010</b> , 166, 529-36	3	8
11	Effects of thiobencarb in combinations with molinate and chlorpyrifos on selected soil microbial processes. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , <b>2009</b> , 44, 226-34	2.2	3
10	Occurrence and implications of estrogens and xenoestrogens in sewage effluents and receiving waters from South East Queensland. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 5147-55	10.2	107
9	A review of the fate of potassium in the soil-plant system after land application of wastewaters. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 164, 415-22	12.8	147
8	Toxicity of copper, lead, and zinc mixtures to <i>Ceriodaphnia dubia</i> and <i>Daphnia carinata</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 1523-8	7	96
7	Localisation of estrogen responsive genes in the liver and testis of Murray rainbowfish <i>Melanotaenia fluviatilis</i> exposed to 17beta-estradiol. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 303, 57-66	4.4	19
6	Fate of estrogens and xenoestrogens in four sewage treatment plants with different technologies. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 87-94	3.8	103
5	Role of piperonyl butoxide in the toxicity of chlorpyrifos to <i>Ceriodaphnia dubia</i> and <i>Xenopus laevis</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2004</b> , 57, 202-12	7	27
4	Acute toxicity of mixtures of chlorpyrifos, profenofos, and endosulfan to <i>Ceriodaphnia dubia</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2002</b> , 68, 801-8	2.7	27
3	Profenofos residues in wild fish from cotton-growing areas of New South Wales, Australia. <i>Journal of Environmental Quality</i> , <b>2001</b> , 30, 740-50	3.4	23
2	. <i>Environmental Toxicology and Chemistry</i> , <b>1998</b> , 17, 1799	3.8	30
1	. <i>Environmental Toxicology and Chemistry</i> , <b>1994</b> , 13, 1861	3.8	4