

# Dayanthi Nugegoda

## List of Publications by Year in descending order

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134  
papers

4,531  
citations

94269

37  
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123241

61  
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134  
all docs

134  
docs citations

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times ranked

5097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assimilation of Polybrominated Diphenyl Ethers from Microplastics by the Marine Amphipod, <i>Allorchestes Compressa</i> . Environmental Science & Technology, 2014, 48, 8127-8134.	4.6	413
2	Chemical Pollutants Sorbed to Ingested Microbeads from Personal Care Products Accumulate in Fish. Environmental Science & Technology, 2016, 50, 4037-4044.	4.6	378
3	Relative salinity tolerance of macroinvertebrates from the Barwon River, Victoria, Australia. Marine and Freshwater Research, 2003, 54, 755.	0.7	141
4	Sub-lethal and chronic salinity tolerances of three freshwater insects: Cloeon sp. and Centropilum sp. (Ephemeroptera: Baetidae) and Chironomus sp. (Diptera: Chironomidae). Journal of Experimental Biology, 2006, 209, 4024-4032.	0.8	116
5	A trait database of stream invertebrates for the ecological risk assessment of single and combined effects of salinity and pesticides in South-East Australia. Science of the Total Environment, 2011, 409, 2055-2063.	3.9	116
6	Effects of pesticide toxicity, salinity and other environmental variables on selected ecosystem functions in streams and the relevance for ecosystem services. Science of the Total Environment, 2012, 415, 69-78.	3.9	116
7	Do laboratory salinity tolerances of freshwater animals correspond with their field salinity?. Environmental Pollution, 2004, 129, 355-362.	3.7	110
8	Invertebrate responses to microplastic ingestion: Reviewing the role of the antioxidant system. Science of the Total Environment, 2020, 734, 138559.	3.9	109
9	The Toxicity of Silver Nanoparticles (AgNPs) to Three Freshwater Invertebrates With Different Life Strategies: Hydra vulgaris, Daphnia carinata, and Paratya australiensis. Frontiers in Environmental Science, 2018, 6, .	1.5	81
10	A systematic review and ecological risk assessment for organic ultraviolet filters in aquatic environments. Environmental Pollution, 2021, 268, 115894.	3.7	81
11	Effect of sublethal concentrations of chlorpyrifos on three successive generations of Daphnia carinata. Ecotoxicology and Environmental Safety, 2006, 64, 207-214.	2.9	80
12	The salinity tolerance of eggs and hatchlings of selected aquatic macroinvertebrates in south-east Australia and South Africa. Hydrobiologia, 2004, 517, 179-192.	1.0	79
13	Toward sustainable environmental quality: Identifying priority research questions for Latin America. Integrated Environmental Assessment and Management, 2018, 14, 344-357.	1.6	79
14	No evidence for a critical salinity threshold for growth and reproduction in the freshwater snail Physa acuta. Environmental Pollution, 2005, 134, 377-383.	3.7	76
15	Effects of salinity changes on zinc uptake and regulation by the decapod crustaceans Palaemon elegans and Palaemonetes varians. Marine Ecology - Progress Series, 1989, 51, 57-75.	0.9	72
16	Validating species sensitivity distributions using salinity tolerance of riverine macroinvertebrates in the southern Murray-Darling Basin (Victoria, Australia). Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1865-1877.	0.7	70
17	The salinity tolerance of freshwater macroinvertebrate eggs and hatchlings in comparison to their older life-stages: a diversity of responses. Aquatic Ecology, 2007, 41, 335-348.	0.7	68
18	What is Meant by "95% of Species"? An Argument for the Inclusion of Rapid Tolerance Testing. Human and Ecological Risk Assessment (HERA), 2005, 11, 1025-1046.	1.7	63

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19	An assessment of endocrine activity in Australian rivers using chemical and in vitro analyses. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12951-12967.	2.7	62
20	Is all salinity the same? I. The effect of ionic compositions on the salinity tolerance of five species of freshwater invertebrates. <i>Marine and Freshwater Research</i> , 2006, 57, 75.	0.7	61
21	A National Survey of Trace Organic Contaminants in Australian Rivers. <i>Journal of Environmental Quality</i> , 2014, 43, 1702-1712.	1.0	60
22	Hypoxia impairs embryo development and survival in black bream ( <i>Acanthopagrus butcheri</i> ). <i>Marine Pollution Bulletin</i> , 2008, 57, 302-306.	2.3	56
23	Relative salinity tolerance of freshwater macroinvertebrates from the south-east Eastern Cape, South Africa compared with the Barwon Catchment, Victoria, Australia. <i>Marine and Freshwater Research</i> , 2005, 56, 163.	0.7	52
24	How are macroinvertebrates of slow flowing lotic systems directly affected by suspended and deposited sediments?. <i>Environmental Pollution</i> , 2010, 158, 543-550.	3.7	50
25	Assessment of the biocompatibility of three-dimensional-printed polymers using multispecies toxicity tests. <i>Biomicrofluidics</i> , 2015, 9, 061103.	1.2	50
26	Implications of co-contamination with aged heavy metals and total petroleum hydrocarbons on natural attenuation and ecotoxicity in Australian soils. <i>Environmental Pollution</i> , 2018, 243, 94-102.	3.7	49
27	Salinity, osmolality, and zinc uptake in <i>Palaemon elegans</i> (Crustacea: Decapoda). <i>Marine Ecology - Progress Series</i> , 1989, 55, 149-157.	0.9	48
28	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in Australian biosolids. <i>Chemosphere</i> , 2021, 270, 129143.	4.2	47
29	NO DETECTABLE IMPROVEMENT IN COMPLIANCE TO REGULATIONS BY "SWIM-WITH-DOLPHIN" OPERATORS IN PORT PHILLIP BAY, VICTORIA, AUSTRALIA. <i>Tourism in Marine Environments</i> , 2004, 1, 41-48.	0.1	47
30	Climate change impacts on pollutants mobilization and interactive effects of climate change and pollutants on toxicity and bioaccumulation of pollutants in estuarine and marine biota and linkage to seafood security. <i>Marine Pollution Bulletin</i> , 2021, 167, 112364.	2.3	46
31	Metabolic Responses of Fish Following Exposure to Two Different Oil Spill Remediation Techniques. <i>Ecotoxicology and Environmental Safety</i> , 2001, 48, 306-310.	2.9	43
32	Evaluating the efficacy of bioremediating a diesel-contaminated soil using ecotoxicological and bacterial community indices. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14809-14819.	2.7	42
33	The impact of lead co-contamination on ecotoxicity and the bacterial community during the bioremediation of total petroleum hydrocarbon-contaminated soils. <i>Environmental Pollution</i> , 2019, 253, 939-948.	3.7	42
34	The nutrient content and the release of nutrients from fish food and faeces. <i>Hydrobiologia</i> , 1997, 357, 165-171.	1.0	41
35	Using silicone passive samplers to detect polycyclic aromatic hydrocarbons from wildfires in streams and potential acute effects for invertebrate communities. <i>Water Research</i> , 2010, 44, 4590-4600.	5.3	41
36	Foaming at the mouth: Ingestion of floral foam microplastics by aquatic animals. <i>Science of the Total Environment</i> , 2020, 705, 135826.	3.9	41

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37	Growth of the damselfly <i>Ischnura heterosticta</i> is better in saline water than freshwater. <i>Environmental Pollution</i> , 2006, 141, 409-419.	3.7	39
38	Automated Lab-on-a-Chip Technology for Fish Embryo Toxicity Tests Performed under Continuous Microperfusion (1/4FET). <i>Environmental Science &amp; Technology</i> , 2015, 49, 14570-14578.	4.6	38
39	The toxicity of coated silver nanoparticles to <i>Daphnia carinata</i> and trophic transfer from alga <i>Raphidocelis subcapitata</i> . <i>PLoS ONE</i> , 2019, 14, e0214398.	1.1	38
40	Trends in environmental and toxicity research on organic ultraviolet filters: A scientometric review. <i>Science of the Total Environment</i> , 2021, 773, 145628.	3.9	37
41	SUBLETHAL TOXICITY OF TRACE METALS TO LARVAE OF THE BLACKLIP ABALONE, <i>HALIOTIS RUBRA</i> . <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1360.	2.2	36
42	Enabling sub-lethal behavioral ecotoxicity biotests using microfluidic Lab-on-a-Chip technology. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 289-298.	4.0	34
43	Effects of environmental chemicals on fish thyroid function: Implications for fisheries and aquaculture in Australia. <i>General and Comparative Endocrinology</i> , 2017, 244, 40-53.	0.8	34
44	Zinc uptake and regulation by the sublittoral prawn <i>Pandalus montagui</i> (Crustacea: Decapoda). <i>Estuarine, Coastal and Shelf Science</i> , 1988, 26, 619-632.	0.9	33
45	Comparing test systems to measure the salinity tolerance of freshwater invertebrates. <i>Water S A</i> , 2004, 30, .	0.2	32
46	Effects of different ionic compositions on survival and growth of <i>Physa acuta</i> . <i>Aquatic Ecology</i> , 2009, 43, 145-156.	0.7	32
47	The effect of temperature on zinc regulation by the decapod crustacean <i>Palaemon elegans</i> Rathke. <i>Ophelia</i> , 1987, 27, 17-30.	0.3	31
48	Salinity tolerance of riverine microinvertebrates from the southern Murray - Darling Basin. <i>Marine and Freshwater Research</i> , 2007, 58, 1019.	0.7	31
49	The Little Penguin ( <i>Eudyptula minor</i> ) as an indicator of coastal trace metal pollution. <i>Environmental Pollution</i> , 2015, 205, 365-377.	3.7	31
50	Effect of a chelating agent (EDTA) on zinc uptake and regulation by <i>Palaemon elegans</i> (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	30
51	Toxicity of Three Oil Spill Remediation Techniques to the Australian Bass <i>Macquaria novemaculeata</i> . <i>Ecotoxicology and Environmental Safety</i> , 2000, 47, 178-185.	2.9	29
52	Is the integration of hormesis and essentiality into ecotoxicology now opening Pandora's Box?. <i>Environmental Pollution</i> , 2008, 151, 516-523.	3.7	28
53	Hypoxia, low salinity and lowered temperature reduce embryo survival and hatch rates in black bream <i>Acanthopagrus butcheri</i> (Munro, 1949). <i>Journal of Fish Biology</i> , 2008, 72, 1623-1636.	0.7	27
54	Utilization of wastewater-grown zooplankton: Nutritional quality of zooplankton and performance of silver perch <i>Bidyanus bidyanus</i> (Mitchell 1838) (Teraponidae) fed on wastewater-grown zooplankton. <i>Aquaculture Nutrition</i> , 1999, 5, 221-227.	1.1	26

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55	Millifluidic Lab-on-a-Chip technology for automated toxicity tests using the marine amphipod <i>Allorchestes compressa</i> . <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 660-670.	4.0	26
56	Assessing multigenerational effects of prednisolone to the freshwater snail, <i>Physa acuta</i> (Gastropoda: Physidae). <i>Journal of Hazardous Materials</i> , 2017, 339, 281-291.	6.5	23
57	Comparative effects of the blue green algae <i>Nodularia spumigena</i> and a lysed extract on detoxification and antioxidant enzymes in the green lipped mussel ( <i>Perna viridis</i> ). <i>Marine Pollution Bulletin</i> , 2005, 51, 1026-1033.	2.3	22
58	Effects of Chlorpyrifos Exposure on Growth and Food Utilization in Australian Catfish, <i>Tandanus tandanus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 25-29.	1.3	22
59	Bioaccumulation and retention kinetics of cadmium in the freshwater decapod <i>Macrobrachium australiense</i> . <i>Aquatic Toxicology</i> , 2014, 148, 174-183.	1.9	22
60	The effect of the chelating agent EDTA on the rate of uptake of zinc by <i>Palaemon elegans</i> (Crustacea: Decapoda). <i>Journal of Environmental Science and Pollution Research</i> , 2017, 20, 1101-1107.	1.1	21
61	A similarity index-based method to estimate chemical concentration limits protective for ecological communities. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2123-2131.	2.2	21
62	Evaluating the non-lethal effects of organophosphorous and carbamate insecticides on the yabby ( <i>Decapoda</i> ) biomarkers. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 283-288.	2.9	20
63	Ontogenic and sexually dimorphic expression of <i>cyp19</i> isoforms in the rainbowfish, <i>Melanotaenia fluviatilis</i> (Castelnau 1878). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 161, 250-258.	0.8	19
64	Long-term ecological consequences of herbicide treatment to control the invasive grass, <i>Spartina anglica</i> , in an Australian saltmarsh. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 176, 58-66.	0.9	19
65	The uptake of dissolved zinc and cadmium by the decapod crustacean <i>Palaemon elegans</i> . <i>Marine Pollution Bulletin</i> , 1995, 31, 460-463.	2.3	18
66	Toxicity of Trace Metals to Juvenile Abalone, <i>Haliotis rubra</i> Following Short-Term Exposure. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 732-740.	1.3	18
67	Screening for potential effects of endocrine-disrupting chemicals in peri-urban creeks and rivers in Melbourne, Australia using mosquitofish and recombinant receptor reporter gene assays. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1831-1841.	2.7	18
68	The Effect of Different Oil Spill Remediation Techniques on Petroleum Hydrocarbon Elimination in Australian Bass ( <i>Macquaria novemaculeata</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , 2001, 40, 264-270.	2.1	17
69	Effects of Bisphenol A and Fadrozole Exposures on <i>cyp19a1</i> Expression in the Murray Rainbowfish, <i>Melanotaenia fluviatilis</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 270-280.	2.1	17
70	Metals and metalloids in Little Penguin ( <i>Eudyptula minor</i> ) prey, blood and faeces. <i>Environmental Pollution</i> , 2017, 223, 567-574.	3.7	17
71	Zinc uptake rate and regulation breakdown in the decapod crustacean <i>Palaemon elegans</i> Rathke. <i>Ophelia</i> , 1989, 30, 199-212.	0.3	16
72	Effects of pH on salinity tolerance of selected freshwater invertebrates. <i>Aquatic Ecology</i> , 2009, 43, 135-144.	0.7	16

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73	Sensitivity of juvenile freshwater crayfish <i>Cherax destructor</i> (Decapoda: Parastacidae) to trace metals. <i>Ecotoxicology and Environmental Safety</i> , 2007, 68, 463-469.	2.9	15
74	Spatial and temporal variations of trace metal body burdens of live mussels <i>Mytilus galloprovincialis</i> and field validation of the Artificial Mussels in Australian inshore marine environment. <i>Chemosphere</i> , 2020, 248, 126004.	4.2	15
75	Impacts of the invasive grass <i>Spartina anglica</i> on benthic macrofaunal assemblages in a temperate Australian saltmarsh. <i>Marine Ecology - Progress Series</i> , 2012, 464, 107-120.	0.9	15
76	Challenges with tracing the fate and speciation of mine-derived metals in turbid river systems: implications for bioavailability. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7803-7814.	2.7	14
77	Multigenerational effects of two glucocorticoids (prednisolone and dexamethasone) on life-history parameters of crustacean <i>Ceriodaphnia dubia</i> (Cladocera). <i>Environmental Pollution</i> , 2017, 225, 569-578.	3.7	14
78	Seasonal variation and annual trends of metals and metalloids in the blood of the Little Penguin ( <i>Eudyptula minor</i> ). <i>Marine Pollution Bulletin</i> , 2016, 110, 261-273.	2.3	12
79	Low-Carbon Development (LCD) Pathways in Australia, Bangladesh, China and India – A Review. <i>Journal of Climate Change</i> , 2018, 4, 49-61.	0.2	12
80	The toxicity of non-aged and aged coated silver nanoparticles to the freshwater shrimp <i>Paratya australiensis</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 1207-1222.	1.1	12
81	The toxicity of coated silver nanoparticles to the alga <i>Raphidocelis subcapitata</i> . <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	12
82	Alterations of Metabolic Enzymes in Australian Bass, <i>Macquaria novemaculeata</i> , After Exposure to Petroleum Hydrocarbons. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 200-205.	2.1	11
83	Toxicity of water and sediment from stormwater retarding basins to <i>Hydra hexactinella</i> . <i>Environmental Pollution</i> , 2008, 156, 922-927.	3.7	11
84	Assessing the Performance of a Bdelloid Rotifer <i>Philodina acuticaornis odiosa</i> Acute Toxicity Assay. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 285-289.	1.3	11
85	The use of <i>Daphnia magna</i> immobilization tests and soil microcosms to evaluate the toxicity of dredged sediments. <i>Journal of Soils and Sediments</i> , 2011, 11, 373-381.	1.5	11
86	Comparing trace metal bioaccumulation characteristics of three freshwater decapods of the genus <i>Macrobrachium</i> . <i>Aquatic Toxicology</i> , 2014, 152, 256-263.	1.9	11
87	The Toxicity of Nanoparticles to Organisms in Freshwater. <i>Reviews of Environmental Contamination and Toxicology</i> , 2018, 248, 1-80.	0.7	11
88	The Toxicity of Nonaged and Aged Coated Silver Nanoparticles to Freshwater Alga <i>Raphidocelis subcapitata</i> . <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2371-2382.	2.2	11
89	Chronic ammonia toxicity to juveniles of 2 tropical Australian freshwater mussels ( <i>Velesunio</i> spp.): Toxicity test optimization and implications for water quality guideline values. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 841-851.	2.2	11
90	Sensitivity of a Large and Representative Sample of Antarctic Marine Invertebrates to Metals. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1560-1568.	2.2	11

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91	Real-time automated behavioural monitoring of mussels during contaminant exposures using an improved microcontroller-based device. <i>Science of the Total Environment</i> , 2022, 806, 150567.	3.9	11
92	TOURISTS SWIMMING WITH AUSTRALIAN FUR SEALS ( <i>ARCTOCEPHALUS PUSILLUS</i> ) IN PORT PHILLIP BAY, VICTORIA, AUSTRALIA: ARE TOURISTS AT RISK?. <i>Tourism in Marine Environments</i> , 2005, 1, 89-95.	0.1	10
93	Size of anal papillae in chironomids: Does it indicate their salinity stress?. <i>Limnologica</i> , 2011, 41, 96-106.	0.7	10
94	Effects of exposure to oestrogenic compounds on aromatase gene expression are gender dependent in the rainbowfish, <i>Melanotaenia fluviatilis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 162-171.	1.3	10
95	The PAH body burdens and biomarkers of wild mussels in Port Phillip Bay, Australia and their food safety implications. <i>Environmental Research</i> , 2020, 188, 109827.	3.7	10
96	Effects of perfluorooctanoic acid (PFOA) on the thyroid status, vitellogenin, and oxidant-antioxidant balance in the Murray River rainbowfish. <i>Ecotoxicology</i> , 2020, 29, 163-174.	1.1	10
97	Australian Freshwater Crayfish <i>Cherax destructor</i> Accumulates and Depurates Nickel. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 308-314.	1.3	9
98	Oil Spill Remediation Techniques Can Have Different Impacts on Mixed Function Oxygenase Enzyme Activities in Fish. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 76, 855-862.	1.3	9
99	Effect of increasing salinity on the acute toxicity of a commercial endosulfan formulation to the bdelloid rotifer <i>Philodina acuticornis odiosa</i> . <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 722-728.	0.6	9
100	Antagonistic effects of copper and microplastics in single and binary mixtures on development and reproduction in the freshwater cladoceran <i>Daphnia carinata</i> . <i>Environmental Technology and Innovation</i> , 2021, 24, 102045.	3.0	9
101	The assessment of vitellogenin as a biomarker of exposure to estrogenic compounds in two Australian perciformes. <i>Marine Environmental Research</i> , 2008, 66, 116-118.	1.1	8
102	Exposure to Estrogenic Chemicals Induces Ectopic Expression of vtg in the Testis of Rainbowfish, <i>Melanotaenia fluviatilis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 438-443.	1.3	8
103	Prednisolone impairs embryonic and posthatching development and shell formation of the freshwater snail, <i>Physa acuta</i> . <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2339-2348.	2.2	8
104	Assessing the potential for trace organic contaminants commonly found in Australian rivers to induce vitellogenin in the native rainbowfish ( <i>Melanotaenia fluviatilis</i> ) and the introduced mosquitofish ( <i>Gambusia holbrooki</i> ). <i>Aquatic Toxicology</i> , 2017, 185, 105-120.	1.9	8
105	Assessing interactive mixture toxicity of carbamate and organophosphorus insecticides in the yabby ( <i>Cherax destructor</i> ). <i>Ecotoxicology</i> , 2018, 27, 1217-1224.	1.1	8
106	Trace element concentrations in feathers of seven petrels ( <i>Pterodroma</i> spp.). <i>Environmental Science and Pollution Research</i> , 2019, 26, 9640-9648.	2.7	8
107	Effect of temperature on phosphorus losses and phosphorus retention in silver perch, <i>Bidyanus bidyanus</i> (Mitchell 1838), (Teraponidae) fed on artificial diets. <i>Aquaculture Research</i> , 1998, 29, 259-266.	0.9	7
108	Synthesis and Antimicrobial Activity of Nitroalkenyl Arenes. <i>Anti-Infective Agents</i> , 2013, 11, 179-191.	0.1	7

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109	Utilization of a new bdelloid rotifer ( <i>Philodina acuticornis odiosa</i> ) assay to evaluate the effect of salinity on the toxicity of chlorothalonil. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 743-748.	0.6	6
110	Response of stream invertebrate communities to vegetation damage from overgrazing by exotic rabbits on subantarctic Macquarie Island. <i>Marine and Freshwater Research</i> , 2011, 62, 404.	0.7	6
111	<i>Hydra viridissima</i> (green Hydra) rapidly recovers from multiple magnesium pulse exposures. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1734-1743.	2.2	6
112	Population- and sex-specific sensitivity of the marine amphipod <i>Allorchestes compressa</i> to metal exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111130.	2.9	6
113	A novel approach to controlling dissolved oxygen levels in laboratory experiments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 371, 147-154.	0.7	5
114	Nuclear magnetic resonance metabonomic profiling using tO2PLS. <i>Analytica Chimica Acta</i> , 2013, 781, 33-40.	2.6	5
115	Toxicity of an herbicide and adjuvant to saltmarsh invertebrates in the management of invasive grass; Comparative laboratory and field tests. <i>Marine Pollution Bulletin</i> , 2016, 109, 334-343.	2.3	5
116	Acute ammonia toxicity to the larvae (glochidia) of the tropical Australian freshwater mussel <i>Velesunio</i> spp. Using a modified toxicity test protocol. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2175-2187.	2.2	5
117	Sub-organism (acetylcholinesterase activity), population (survival) and chemical concentration responses reinforce mechanisms of antagonism associated with malathion toxicity. <i>Science of the Total Environment</i> , 2021, 778, 146087.	3.9	5
118	Effects of salinity on the growth and nutrient retention in silver perch, <i>Bidyanus bidyanus</i> (Mitchell) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	4
119	Effects of Dietary Supplements on Growth Performance and Phosphorus Waste Production of Australian Catfish, <i>Tandanus tandanus</i> , Fed with Diets Containing Soybean Meal as Fishmeal Replacement. <i>Journal of the World Aquaculture Society</i> , 2011, 42, 645-656.	1.2	4
120	Impacts on the seagrass, <i>Zostera nigricaulis</i> , from the herbicide Fusilade Forte Â® used in the management of <i>Spartina anglica</i> infestations. <i>Aquatic Toxicology</i> , 2018, 195, 15-23.	1.9	4
121	Acute and chronic toxicity of magnesium to the early life stages of two tropical freshwater mussel species. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109638.	2.9	4
122	Trends in bioaccumulation and metabolite profiles in Mediterranean mussels with sub lethal exposure to mixtures of trace metals. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106825.	3.3	4
123	Roundup Biactive Modifies Cadmium Toxicity to <i>Daphnia carinata</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 748-754.	1.3	3
124	An Innovative Model for Engagement of Rural Citizens/Community of Bangladesh with Climate Change. <i>Journal of Climate Change</i> , 2017, 3, 73-80.	0.2	3
125	Enabling rapid behavioral ecotoxicity studies using an integrated lab-on-a-chip systems. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
126	Automation of daphtokit-F biotest using a microfluidic lab-on-a-chip technology. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2



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127	GammarusChip: innovative lab-on-a-chip technology for ecotoxicological testing using the marine amphipod <i>Allorchestes compressa</i> . , 2015, , .		2
128	Miniaturized video-microscopy system for near real-time water quality biomonitoring using microfluidic chip-based devices. , 2016, , .		2
129	Effects of Dietary Supplements on Growth Performance and Phosphorus Waste Production of Australian Catfish, <i>Tandanus tandanus</i> , Fed with Diets Containing Canola Meal as Fishmeal Replacement. <i>Journal of Aquaculture Research &amp; Development</i> , 2011, 02, .	0.4	2
130	Biliary PAH Metabolite Elimination in Australian Bass, <i>Macquaria novemaculeata</i> Following Exposure to Bass Strait Crude Oil and Chemically Dispersed Crude Oil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 394-400.	1.3	1
131	Optofluidic technology for monitoring rotifer <i>Brachionus calyciflorus</i> responses to regular light pulses. , 2016, , .		1
132	Optical tracking of embryonic vertebrates behavioural responses using automated time-resolved video-microscopy system. , 2016, , .		1
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