

# Tom Cresswell

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,109  
citations

489802

18  
h-index

466096

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental design and statistical analysis in aquatic live animal radiotracing studies: A systematic review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2772-2801.	6.6	3
2	Ecotoxicological effects of decommissioning offshore petroleum infrastructure: A systematic review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3283-3321.	6.6	19
3	Current understanding and research needs for ecological risk assessments of naturally occurring radioactive materials (NORM) in subsea oil and gas pipelines. <i>Journal of Environmental Radioactivity</i> , 2022, 241, 106774.	0.9	23
4	Assessing the impacts of scale residues from offshore oil and gas decommissioning on marine organisms. <i>APPEA Journal</i> , 2021, 61, 379.	0.4	6
5	Bioaccumulation kinetics and internal distribution of the fission products radiocaesium and radiostrontium in an estuarine crab. <i>Journal of Hazardous Materials</i> , 2021, 408, 124453.	6.5	8
6	Zinc Accumulates in the Nodes of Wheat Following the Foliar Application of <sup>65</sup> Zn Oxide Nano- and Microparticles. <i>Environmental Science &amp; Technology</i> , 2021, 55, 13523-13531.	4.6	13
7	Effect of short-term dietary exposure on metal assimilation and metallothionein induction in the estuarine fish <i>Pseudogobius</i> sp.. <i>Science of the Total Environment</i> , 2021, 772, 145042.	3.9	7
8	Synchrotron-Based Imaging Reveals the Fate of Selenium in Striped Marsh Frog Tadpoles. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11848-11858.	4.6	4
9	Reallocation of nitrogen and phosphorus from roots drives regrowth of grasses and sedges after defoliation under deficit irrigation and nitrogen enrichment. <i>Journal of Ecology</i> , 2021, 109, 4071-4080.	1.9	13
10	Plant uptake of nitrogen and phosphorus among grassland species affected by drought along a soil available phosphorus gradient. <i>Plant and Soil</i> , 2020, 448, 121-132.	1.8	34
11	Dietary Uptake and Depuration Kinetics of Perfluorooctane Sulfonate, Perfluorooctanoic Acid, and Hexafluoropropylene Oxide Dimer Acid (GenX) in a Benthic Fish. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 595-603.	2.2	24
12	Exploring New Frontiers in Marine Radioisotope Tracing – Adapting to New Opportunities and Challenges. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	9
13	Bioaccumulation kinetics of cadmium and zinc in the freshwater decapod crustacean <i>Paratya australiensis</i> following multiple pulse exposures. <i>Science of the Total Environment</i> , 2020, 720, 137609.	3.9	16
14	Uptake and accumulation of cadmium, manganese and zinc by fisheries species: Trophic differences in sensitivity to environmental metal accumulation. <i>Science of the Total Environment</i> , 2019, 690, 867-877.	3.9	23
15	Plutonium and other radionuclides persist across marine-to-terrestrial ecotopes in the Montebello Islands sixty years after nuclear tests. <i>Science of the Total Environment</i> , 2019, 691, 572-583.	3.9	20
16	Towards Sustainable Environmental Quality: Priority Research Questions for the Australasian Region of Oceania. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 917-935.	1.6	19
17	Investigating the foliar uptake of zinc from conventional and nano-formulations: a methodological study. <i>Environmental Chemistry</i> , 2019, 16, 459.	0.7	19
18	The effect of dissolved nickel and copper on the adult coral <i>Acropora muricata</i> and its microbiome. <i>Environmental Pollution</i> , 2019, 250, 792-806.	3.7	25

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19	Biofilm-enhanced adsorption of strong and weak cations onto different microplastic sample types: Use of spectroscopy, microscopy and radiotracer methods. <i>Water Research</i> , 2019, 158, 392-400.	5.3	93
20	Initial data on adsorption of Cs and Sr to the surfaces of microplastics with biofilm. <i>Journal of Environmental Radioactivity</i> , 2018, 190-191, 130-133.	0.9	89
21	Application of nuclear techniques to environmental plastics research. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 368-375.	0.9	36
22	Functional role of the soft coral <i>Dendronephthya australis</i> in the benthic food web of temperate estuaries. <i>Marine Ecology - Progress Series</i> , 2018, 593, 61-72.	0.9	9
23	Phosphorus Fate and Dynamics in Greywater Biofiltration Systems. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2280-2287.	4.6	34
24	Bioaccumulation and Biodistribution of Selenium in Metamorphosing Tadpoles. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5764-5773.	4.6	19
25	Aquatic live animal radiotracing studies for ecotoxicological applications: Addressing fundamental methodological deficiencies. <i>Journal of Environmental Radioactivity</i> , 2017, 178-179, 453-460.	0.9	31
26	Uptake and tissue distributions of cadmium, selenium and zinc in striped marsh frog tadpoles exposed during early post-embryonic development. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 291-299.	2.9	15
27	Metal Transfer among Organs Following Short- and Long-Term Exposures Using Autoradiography: Cadmium Bioaccumulation by the Freshwater Prawn <i>Macrobrachium australiense</i> . <i>Environmental Science &amp; Technology</i> , 2017, 51, 4054-4060.	4.6	19
28	Selenium speciation influences bioaccumulation in <i>Limnodynastes peronii</i> tadpoles. <i>Aquatic Toxicology</i> , 2017, 187, 1-8.	1.9	12
29	Role of plant-fungal nutrient trading and host control in determining the competitive success of ectomycorrhizal fungi. <i>ISME Journal</i> , 2017, 11, 2666-2676.	4.4	72
30	Bioaccumulation Kinetics and Organ Distribution of Cadmium and Zinc in the Freshwater Decapod Crustacean <i>Macrobrachium australiense</i> . <i>Environmental Science &amp; Technology</i> , 2015, 49, 1182-1189.	4.6	27
31	Dietary ingestion of fine sediments and microalgae represent the dominant route of exposure and metal accumulation for Sydney rock oyster ( <i>Saccostrea glomerata</i> ): A biokinetic model for zinc. <i>Aquatic Toxicology</i> , 2015, 167, 46-54.	1.9	43
32	Challenges in understanding the sources of bioaccumulated metals in biota inhabiting turbid river systems. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1960-1970.	2.7	8
33	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
34	Uptake and cellular distribution, in four plant species, of fluorescently labeled mesoporous silica nanoparticles. <i>Plant Cell Reports</i> , 2014, 33, 1389-1402.	2.8	213
35	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
36	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

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37	The impact of legislation on the usage and environmental concentrations of Irgarol 1051 in UK coastal waters. <i>Marine Pollution Bulletin</i> , 2006, 52, 1169-1175.	2.3	55
38	Fate and sublethal effects of metals during amphibian metamorphosis: A systematic review. <i>Critical Reviews in Environmental Science and Technology</i> , 0, , 1-18.	6.6	2