Tom Cresswell

List of Publications by Year
in descending order

38 papers	1,109 citations	430874 18 h-index	414414 32 g-index
39 all docs	39 docs citations	39 times ranked	1590 citing authors

#	Article	IF	Citations
1	Experimental design and statistical analysis in aquatic live animal radiotracing studies: A systematic review. Critical Reviews in Environmental Science and Technology, 2022, 52, 2772-2801.	12.8	3
2	Ecotoxicological effects of decommissioning offshore petroleum infrastructure: A systematic review. Critical Reviews in Environmental Science and Technology, 2022, 52, 3283-3321.	12.8	19
3	Current understanding and research needs for ecological risk assessments of naturally occurring radioactive materials (NORM) in subsea oil and gas pipelines. Journal of Environmental Radioactivity, 2022, 241, 106774.	1.7	23
4	Assessing the impacts of scale residues from offshore oil and gas decommissioning on marine organisms. APPEA Journal, 2021, 61, 379.	0.2	6
5	Bioaccumulation kinetics and internal distribution of the fission products radiocaesium and radiostrontium in an estuarine crab. Journal of Hazardous Materials, 2021, 408, 124453.	12.4	8
6	Zinc Accumulates in the Nodes of Wheat Following the Foliar Application of ⁶⁵Zn Oxide Nano- and Microparticles. Environmental Science & Technology, 2021, 55, 13523-13531.	10.0	13
7	Effect of short-term dietary exposure on metal assimilation and metallothionein induction in the estuarine fish Pseudogobius sp.. Science of the Total Environment, 2021, 772, 145042.	8.0	7
8	Synchrotron-Based Imaging Reveals the Fate of Selenium in Striped Marsh Frog Tadpoles. Environmental Science & Technology, 2021, 55, 11848-11858.	10.0	4
9	Reallocation of nitrogen and phosphorus from roots drives regrowth of grasses and sedges after defoliation under deficit irrigation and nitrogen enrichment. Journal of Ecology, 2021, 109, 4071-4080.	4.0	13
10	Plant uptake of nitrogen and phosphorus among grassland species affected by drought along a soil available phosphorus gradient. Plant and Soil, 2020, 448, 121-132.	3.7	34
11	Dietary Uptake and Depuration Kinetics of Perfluorooctane Sulfonate, Perfluorooctanoic Acid, and Hexafluoropropylene Oxide Dimer Acid (GenX) in a Benthic Fish. Environmental Toxicology and Chemistry, 2020, 39, 595-603.	4.3	24
12	Exploring New Frontiers in Marine Radioisotope Tracing â€“ Adapting to New Opportunities and Challenges. Frontiers in Marine Science, 2020, 7, .	2.5	9
13	Bioaccumulation kinetics of cadmium and zinc in the freshwater decapod crustacean Paratya australiensis following multiple pulse exposures. Science of the Total Environment, 2020, 720, 137609.	8.0	16
14	Uptake and accumulation of cadmium, manganese and zinc by fisheries species: Trophic differences in sensitivity to environmental metal accumulation. Science of the Total Environment, 2019, 690, 867-877.	8.0	23
15	Plutonium and other radionuclides persist across marine-to-terrestrial ecotopes in the Montebello Islands sixty years after nuclear tests. Science of the Total Environment, 2019, 691, 572-583.	8.0	20
16	Towards Sustainable Environmental Quality: Priority Research Questions for the Australasian Region of Oceania. Integrated Environmental Assessment and Management, 2019, 15, 917-935.	2.9	19
17	Investigating the foliar uptake of zinc from conventional and nano-formulations: a methodological study. Environmental Chemistry, 2019, 16, 459.	1.5	19
18	The effect of dissolved nickel and copper on the adult coral Acropora muricata and its microbiome. Environmental Pollution, 2019, 250, 792-806.	7.5	25

#	Article	IF	Citations
19	Biofilm-enhanced adsorption of strong and weak cations onto different microplastic sample types: Use of spectroscopy, microscopy and radiotracer methods. Water Research, 2019, 158, 392-400.	11.3	93
20	Initial data on adsorption of Cs and Sr to the surfaces of microplastics with biofilm. Journal of Environmental Radioactivity, 2018, 190-191, 130-133.	1.7	89
21	Application of nuclear techniques to environmental plastics research. Journal of Environmental Radioactivity, 2018, 192, 368-375.	1.7	36
22	Functional role of the soft coral Dendronephthya australis in the benthic food web of temperate estuaries. Marine Ecology - Progress Series, 2018, 593, 61-72.	1.9	9
23	Phosphorus Fate and Dynamics in Greywater Biofiltration Systems. Environmental Science & Technology, 2017, 51, 2280-2287.	10.0	34
24	Bioaccumulation and Biodistribution of Selenium in Metamorphosing Tadpoles. Environmental Science & Technology, 2017, 51, 5764-5773.	10.0	19
25	Aquatic live animal radiotracing studies for ecotoxicological applications: Addressing fundamental methodological deficiencies. Journal of Environmental Radioactivity, 2017, 178-179, 453-460.	1.7	31
26	Uptake and tissue distributions of cadmium, selenium and zinc in striped marsh frog tadpoles exposed during early post-embryonic development. Ecotoxicology and Environmental Safety, 2017, 144, 291-299.	6.0	15
27	Metal Transfer among Organs Following Short- and Long-Term Exposures Using Autoradiography: Cadmium Bioaccumulation by the Freshwater Prawn Macrobrachium australiense. Environmental Science & Technology, 2017, 51, 4054-4060.	10.0	19
28	Selenium speciation influences bioaccumulation in Limnodynastes peronii tadpoles. Aquatic Toxicology, 2017, 187, 1-8.	4.0	12
29	Role of plantâ€“fungal nutrient trading and host control in determining the competitive success of ectomycorrhizal fungi. ISME Journal, 2017, 11, 2666-2676.	9.8	72
30	Bioaccumulation Kinetics and Organ Distribution of Cadmium and Zinc in the Freshwater Decapod Crustacean Macrobrachium australiense. Environmental Science & Technology, 2015, 49, 1182-1189.	10.0	27
31	Dietary ingestion of fine sediments and microalgae represent the dominant route of exposure and metal accumulation for Sydney rock oyster (Saccostrea glomerata): A biokinetic model for zinc. Aquatic Toxicology, 2015, 167, 46-54.	4.0	43
32	Challenges in understanding the sources of bioaccumulated metals in biota inhabiting turbid river systems. Environmental Science and Pollution Research, 2014, 21, 1960-1970.	5.3	8
33	Bioaccumulation and retention kinetics of cadmium in the freshwater decapod Macrobrachium australiense. Aquatic Toxicology, 2014, 148, 174-183.	4.0	22
34	Uptake and cellular distribution, in four plant species, of fluorescently labeled mesoporous silica nanoparticles. Plant Cell Reports, 2014, 33, 1389-1402.	5.6	213
35	Comparing trace metal bioaccumulation characteristics of three freshwater decapods of the genus Macrobrachium. Aquatic Toxicology, 2014, 152, 256-263.	4.0	11
36	Challenges with tracing the fate and speciation of mine-derived metals in turbid river systems: implications for bioavailability. Environmental Science and Pollution Research, 2013, 20, 7803-7814.	5.3	14

#	Article	IF	Citations
37	The impact of legislation on the usage and environmental concentrations of Irgarol 1051 in UK coastal waters. Marine Pollution Bulletin, 2006, 52, 1169-1175.	5.0	55
38	Fate and sublethal effects of metals during amphibian metamorphosis: A systematic review. Critical Reviews in Environmental Science and Technology, 0, , 1-18.	12.8	2