

Brian Quinn

List of Publications by Year in descending order

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36
papers

4,362
citations

218381

26
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

4873
citing authors

#	ARTICLE	IF	CITATIONS
1	Wastewater Treatment Works (WwTW) as a Source of Microplastics in the Aquatic Environment. <i>Environmental Science & Technology</i> , 2016, 50, 5800-5808.	4.6	1,320
2	Microplastic pollution identified in deep-sea water and ingested by benthic invertebrates in the Rockall Trough, North Atlantic Ocean. <i>Environmental Pollution</i> , 2017, 231, 271-280.	3.7	320
3	Validation of density separation for the rapid recovery of microplastics from sediment. <i>Analytical Methods</i> , 2017, 9, 1491-1498.	1.3	302
4	An investigation into the acute and chronic toxicity of eleven pharmaceuticals (and their solvents) found in wastewater effluent on the cnidarian, <i>Hydra attenuata</i> . <i>Science of the Total Environment</i> , 2008, 389, 306-314.	3.9	256
5	A year-long study of the spatial occurrence and relative distribution of pharmaceutical residues in sewage effluent, receiving marine waters and marine bivalves. <i>Science of the Total Environment</i> , 2014, 476-477, 317-326.	3.9	198
6	Microplastics in drinking water: A review and assessment. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 69-75.	2.1	166
7	The uptake of macroplastic & microplastic by demersal & pelagic fish in the Northeast Atlantic around Scotland. <i>Marine Pollution Bulletin</i> , 2017, 122, 353-359.	2.3	164
8	Optimisation of enzymatic digestion and validation of specimen preservation methods for the analysis of ingested microplastics. <i>Analytical Methods</i> , 2017, 9, 1437-1445.	1.3	160
9	The effects of microplastic on freshwater <i>Hydra attenuata</i> feeding, morphology & reproduction. <i>Environmental Pollution</i> , 2018, 234, 487-494.	3.7	148
10	Effects of the pharmaceuticals gemfibrozil and diclofenac on the marine mussel (<i>Mytilus</i> spp.) and their comparison with standardized toxicity tests. <i>Marine Pollution Bulletin</i> , 2011, 62, 1389-1395.	2.3	122
11	Microplastic accumulation in deep-sea sediments from the Rockall Trough. <i>Marine Pollution Bulletin</i> , 2020, 154, 111092.	2.3	114
12	Effects of the pharmaceuticals gemfibrozil and diclofenac on biomarker expression in the zebra mussel (<i>Dreissena polymorpha</i>) and their comparison with standardised toxicity tests. <i>Chemosphere</i> , 2011, 84, 657-663.	4.2	110
13	The endocrine disrupting effect of municipal effluent on the zebra mussel (<i>Dreissena polymorpha</i>). <i>Aquatic Toxicology</i> , 2004, 66, 279-292.	1.9	105
14	Evaluation of the acute, chronic and teratogenic effects of a mixture of eleven pharmaceuticals on the cnidarian, <i>Hydra attenuata</i> . <i>Science of the Total Environment</i> , 2009, 407, 1072-1079.	3.9	95
15	Consistent microplastic ingestion by deep-sea invertebrates over the last four decades (1976-2015), a study from the North East Atlantic. <i>Environmental Pollution</i> , 2019, 244, 503-512.	3.7	94
16	Cytotoxicity assessment of four pharmaceutical compounds on the zebra mussel (<i>Dreissena</i>)	4.2	69
17	<i>Hydra</i> , a model system for environmental studies. <i>International Journal of Developmental Biology</i> , 2012, 56, 613-625.	0.3	69
18	The effects of pharmaceuticals on the regeneration of the cnidarian, <i>Hydra attenuata</i> . <i>Science of the Total Environment</i> , 2008, 402, 62-69.	3.9	65

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19	Ecotoxicity responses of the freshwater cnidarian <i>Hydra attenuata</i> to 11 rare earth elements. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 486-491.	2.9	53
20	The determination of pharmaceutical residues in cooked and uncooked marine bivalves using pressurised liquid extraction, solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 9509-9521.	1.9	52
21	A proteomic evaluation of the effects of the pharmaceuticals diclofenac and gemfibrozil on marine mussels (<i>Mytilus</i> spp.): evidence for chronic sublethal effects on stress-response proteins. <i>Drug Testing and Analysis</i> , 2014, 6, 210-219.	1.6	52
22	Development of an in vitro culture method for cells and tissues from the zebra mussel (<i>Dreissena</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	46
23	Seasonal variations of biomarker responses in the marine blue mussel (<i>Mytilus</i> spp.). <i>Marine Pollution Bulletin</i> , 2013, 74, 50-55.	2.3	45
24	Detection of polystyrene nanoplastics in biological samples based on the solvatochromic properties of Nile red: application in <i>Hydra attenuata</i> exposed to nanoplastics. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33524-33531.	2.7	37
25	The toxicity of potentially toxic elements (Cu, Fe, Mn, Zn and Ni) to the cnidarian <i>Hydra attenuata</i> at environmentally relevant concentrations. <i>Science of the Total Environment</i> , 2019, 665, 848-854.	3.9	34
26	Ecotoxicological effects of a semi-submerged municipal dump (Castle harbour, Bermuda) on the Calico scallop <i>Argopecten gibbus</i> . <i>Marine Pollution Bulletin</i> , 2005, 51, 534-544.	2.3	32
27	Detection, biophysical effects, and toxicity of polystyrene nanoparticles to the cnidarian <i>Hydra attenuata</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 11772-11781.	2.7	26
28	Evaluation of the lethal and sub-lethal toxicity and potential endocrine disrupting effect of nonylphenol on the zebra mussel (<i>Dreissena polymorpha</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 118-127.	1.3	23
29	Holistic visualisation of the multimodal transport and fate of twelve pharmaceuticals in biosolid enriched topsoils. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 287-296.	1.9	23
30	The effect of shore location on biomarker expression in wild <i>Mytilus</i> spp. and its comparison with long line cultivated mussels. <i>Marine Environmental Research</i> , 2012, 80, 70-76.	1.1	15
31	Cumulative impact of anti-sea lice treatment (azamethiphos) on health status of Rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum 1792) in aquaculture. <i>Scientific Reports</i> , 2019, 9, 16217.	1.6	14
32	A New Collection Tool-Kit to Sample Microplastics From the Marine Environment (Sediment, Seawater,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 18	1.2	13
33	Bioaccumulation of metals in juvenile rainbow trout (<i>oncorhynchus mykiss</i>) via dietary exposure to blue mussels. <i>Chemosphere</i> , 2017, 188, 548-556.	4.2	11
34	Cultured heart cells from oyster : an experimental approach for evaluation of the toxicity of the marine pollutant tributyltin. <i>Aquatic Living Resources</i> , 2012, 25, 185-194.	0.5	5
35	Preparation and Maintenance of Live Tissues and Primary Cultures for Toxicity Studies. , 2014, , 33-47.		2
36	Bioavailability and Effects of Polystyrene Nanoparticles in <i>Hydra circumcincta</i> , 0, , .		1