

Theodore B Henry

List of Publications by Citations

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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.

52
papers

3,244
citations

26
h-index

56
g-index

56
ext. papers

3,818
ext. citations

6.1
avg, IF

5.65
L-index

#	Paper	IF	Citations
52	Potential release pathways, environmental fate, and ecological risks of carbon nanotubes. <i>Environmental Science & Technology</i> , 2011 , 45, 9837-56	10.3	406
51	Manufactured nanoparticles: their uptake and effects on fish--a mechanistic analysis. <i>Ecotoxicology</i> , 2008 , 17, 396-409	2.9	323
50	Low levels of microplastics (MP) in wild mussels indicate that MP ingestion by humans is minimal compared to exposure via household fibres fallout during a meal. <i>Environmental Pollution</i> , 2018 , 237, 675-684	9.3	279
49	Attributing effects of aqueous C60 nano-aggregates to tetrahydrofuran decomposition products in larval zebrafish by assessment of gene expression. <i>Environmental Health Perspectives</i> , 2007 , 115, 1059-65	8.4	204
48	Identification and avoidance of potential artifacts and misinterpretations in nanomaterial ecotoxicity measurements. <i>Environmental Science & Technology</i> , 2014 , 48, 4226-46	10.3	187
47	Histopathological effects of waterborne copper nanoparticles and copper sulphate on the organs of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2013 , 126, 104-15	5.1	166
46	Development and optimization of a standard method for extraction of microplastics in mussels by enzyme digestion of soft tissues. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 947-951	3.8	165
45	Uptake, Whole-Body Distribution, and Depuration of Nanoplastics by the Scallop <i>Pecten maximus</i> at Environmentally Realistic Concentrations. <i>Environmental Science & Technology</i> , 2018 , 52, 14480-14486	10.3	140
44	Assessment of microplastic-sorbed contaminant bioavailability through analysis of biomarker gene expression in larval zebrafish. <i>Marine Pollution Bulletin</i> , 2017 , 116, 291-297	6.7	106
43	Methodological considerations for testing the ecotoxicity of carbon nanotubes and fullerenes: review. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 60-72	3.8	103
42	Global gene expression profiling in larval zebrafish exposed to microcystin-LR and microcystis reveals endocrine disrupting effects of Cyanobacteria. <i>Environmental Science & Technology</i> , 2011 , 45, 1962-9	10.3	98
41	Ingestion of metal-nanoparticle contaminated food disrupts endogenous microbiota in zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2013 , 174, 157-63	9.3	96
40	Agglomeration of nano- and microplastic particles in seawater by autochthonous and de novo-produced sources of exopolymeric substances. <i>Marine Pollution Bulletin</i> , 2018 , 130, 258-267	6.7	82
39	Dietary toxicity of single-walled carbon nanotubes and fullerenes (C60) in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Nanotoxicology</i> , 2011 , 5, 98-108	5.3	79
38	Subtle alterations in swimming speed distributions of rainbow trout exposed to titanium dioxide nanoparticles are associated with gill rather than brain injury. <i>Aquatic Toxicology</i> , 2013 , 126, 116-27	5.1	70
37	Use of fluorescent-labelled nanoplastics (NPs) to demonstrate NP absorption is inconclusive without adequate controls. <i>Science of the Total Environment</i> , 2019 , 670, 915-920	10.2	65
36	Aqueous fullerene aggregates (nC60) generate minimal reactive oxygen species and are of low toxicity in fish: a revision of previous reports. <i>Current Opinion in Biotechnology</i> , 2011 , 22, 533-7	11.4	55

35	Microplastic contamination in surface waters in Guanabara Bay, Rio de Janeiro, Brazil. <i>Marine Pollution Bulletin</i> , 2019 , 139, 157-162	6.7	51
34	Polyvinyl chloride (PVC) plastic fragments release Pb additives that are bioavailable in zebrafish. <i>Environmental Pollution</i> , 2020 , 263, 114422	9.3	45
33	Effects of metal nanoparticles on the lateral line system and behaviour in early life stages of zebrafish (Danio rerio). <i>Aquatic Toxicology</i> , 2014 , 152, 318-23	5.1	41
32	Critical comparison of intravenous injection of TiO ₂ nanoparticles with waterborne and dietary exposures concludes minimal environmentally-relevant toxicity in juvenile rainbow trout <i>Oncorhynchus mykiss</i> . <i>Environmental Pollution</i> , 2013 , 182, 70-9	9.3	37
31	Occurrence and risk assessment of an azo dye - The case of Disperse Red 1. <i>Chemosphere</i> , 2016 , 156, 95-100	8.4	35
30	Conservation and restoration of a keystone species: Understanding the settlement preferences of the European oyster (<i>Ostrea edulis</i>). <i>Marine Pollution Bulletin</i> , 2019 , 138, 312-321	6.7	33
29	Sublethal effects of copper sulphate compared to copper nanoparticles in rainbow trout (<i>Oncorhynchus mykiss</i>) at low pH: physiology and metal accumulation. <i>Aquatic Toxicology</i> , 2016 , 174, 188-98	5.1	30
28	Endocrine disruptors affect larval zebrafish behavior: Testing potential mechanisms and comparisons of behavioral sensitivity to alternative biomarkers. <i>Aquatic Toxicology</i> , 2017 , 193, 128-135	5.1	27
27	Adoption of in vitro systems and zebrafish embryos as alternative models for reducing rodent use in assessments of immunological and oxidative stress responses to nanomaterials. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 252-271	5.7	27
26	Response of gene expression in zebrafish exposed to pharmaceutical mixtures: Implications for environmental risk. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 142, 471-479	7	24
25	Association of Hg ²⁺ with aqueous (C ₆₀) _n aggregates facilitates increased bioavailability of Hg ²⁺ in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2013 , 47, 9997-10004	10.3	23
24	Time-related expression profiles for heat shock protein gene transcripts (HSP40, HSP70) in the central nervous system of <i>Lymnaea stagnalis</i> exposed to thermal stress. <i>Communicative and Integrative Biology</i> , 2015 , 8, e1040954	1.7	22
23	Toxicant induced behavioural aberrations in larval zebrafish are dependent on minor methodological alterations. <i>Toxicology Letters</i> , 2017 , 276, 62-68	4.4	21
22	Three-Pass Depletion Sampling Accuracy of Two Electric Fields for Estimating Trout Abundance in a Low-Conductivity Stream with Limited Habitat Complexity. <i>North American Journal of Fisheries Management</i> , 2010 , 30, 757-766	1.1	20
21	Development of an acute toxicity test with the tropical marine amphipod <i>Parhyale hawaiiensis</i> . <i>Ecotoxicology</i> , 2018 , 27, 103-108	2.9	18
20	Aqueous Hg(2+) associates with TiO ₂ nanoparticles according to particle size, changes particle agglomeration, and becomes less bioavailable to zebrafish. <i>Aquatic Toxicology</i> , 2016 , 174, 242-6	5.1	17
19	Use of an exposure chamber to maintain aqueous phase nanoparticle dispersions for improved toxicity testing in fish. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 583-8	3.8	17
18	Effects of Electroshock on Cyprinid Embryos: Implications for Threatened and Endangered Fishes. <i>Transactions of the American Fisheries Society</i> , 2009 , 138, 768-776	1.7	17

17	Potential Impacts of Offshore Oil and Gas Activities on Deep-Sea Sponges and the Habitats They Form. <i>Advances in Marine Biology</i> , 2018 , 79, 33-60	2.1	14
16	Minimal effects of waterborne exposure to single-walled carbon nanotubes on behaviour and physiology of juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2014 , 146, 154-64	5.1	13
15	Exposure to Pb-halide perovskite nanoparticles can deliver bioavailable Pb but does not alter endogenous gut microbiota in zebrafish. <i>Science of the Total Environment</i> , 2020 , 715, 136941	10.2	11
14	Risk posed by microplastics: Scientific evidence and public perception. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021 , 29, 100467	7.9	11
13	Synthesis of ¹⁴ C-labelled polystyrene nanoplastics for environmental studies. <i>Communications Materials</i> , 2020 , 1,	6	9
12	Transcriptome analysis in <i>Parhyale hawaiiensis</i> reveal sex-specific responses to AgNP and AgCl exposure. <i>Environmental Pollution</i> , 2020 , 260, 113963	9.3	8
11	Toxicity of Cyanopeptides from Two Strains on Larval Development of. <i>Toxins</i> , 2019 , 11,	4.9	7
10	Differentially transcriptional regulation on cell cycle pathway by silver nanoparticles from ionic silver in larval zebrafish (<i>Danio rerio</i>). <i>Biochemical and Biophysical Research Communications</i> , 2016 , 479, 753-758	3.4	7
9	Neutrophil activation by nanomaterials : comparing strengths and limitations of primary human cells with those of an immortalized (HL-60) cell line. <i>Nanotoxicology</i> , 2021 , 15, 1-20	5.3	7
8	Higher silver bioavailability after nanoparticle dietary exposure in marine amphipods. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 806-810	3.8	6
7	Potential Use of Direct Current Electric Fields to Eradicate Rainbow Trout Embryos from Freshwater Ecosystems. <i>North American Journal of Fisheries Management</i> , 2015 , 35, 871-879	1.1	4
6	Antibacterial Activities of Ga(III) against Are Substantially Impacted by Fe(III) Uptake Systems and Multidrug Resistance in Combination with Oxygen Levels. <i>ACS Infectious Diseases</i> , 2020 , 6, 2959-2969	5.5	4
5	Intravenous injection of unfunctionalized carbon-based nanomaterials confirms the minimal toxicity observed in aqueous and dietary exposures in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Pollution</i> , 2018 , 232, 191-199	9.3	3
4	Return to sender: The influence of larval behaviour on the distribution and settlement of the European oyster <i>Ostrea edulis</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020 , 30, 2116-2132	2.6	3
3	Differences in Engineered Nanoparticle Surface Physicochemistry Revealed by Investigation of Changes in Copper Bioavailability During Sorption to Nanoparticles in the Aqueous Phase. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 925-935	3.8	2
2	Time-Related Alteration of Aqueous-Phase Anthracene and Phenanthrene Photoproducts in the Presence of TiO Nanoparticles. <i>Environmental Science & Technology</i> , 2021 , 55, 3727-3735	10.3	1
1	Author Gender and Career Progression in Environmental Science & Technology. <i>Environmental Science & Technology</i> , 2017 , 51, 9417-9418	10.3	