

Theodore B Henry

List of Publications by Year in descending order

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55
papers

4,415
citations

212478

28
h-index

182931

54
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56
all docs

56
docs citations

56
times ranked

6497
citing authors

#	ARTICLE	IF	CITATIONS
1	Microcystin-LR at sublethal concentrations induce rapid morphology of liver and muscle tissues in the fish species <i>Astyanax altiparanae</i> (Lambari). <i>Toxicol</i> , 2022, 211, 70-78.	0.8	4
2	Transgenic zebrafish larvae as a non-rodent alternative model to assess pro-inflammatory (neutrophil) responses to nanomaterials. <i>Nanotoxicology</i> , 2022, 16, 333-354.	1.6	5
3	Neutrophil activation by nanomaterials in vitro: comparing strengths and limitations of primary human cells with those of an immortalized (HL-60) cell line. <i>Nanotoxicology</i> , 2021, 15, 1-20.	1.6	19
4	Time-Related Alteration of Aqueous-Phase Anthracene and Phenanthrene Photoproducts in the Presence of TiO ₂ Nanoparticles. <i>Environmental Science & Technology</i> , 2021, 55, 3727-3735.	4.6	3
5	Risk posed by microplastics: Scientific evidence and public perception. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 29, 100467.	3.2	35
6	Antibacterial Activities of Ga(III) against <i>E. coli</i> 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.	1.8	7
7	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.	0.9	14
8	Synthesis of 14C-labelled polystyrene nanoplastics for environmental studies. <i>Communications Materials</i> , 2020, 1, .	2.9	29
9	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.	3.9	21
10	Polyvinyl chloride (PVC) plastic fragments release Pb additives that are bioavailable in zebrafish. <i>Environmental Pollution</i> , 2020, 263, 114422.	3.7	89
11	Transcriptome analysis in <i>Parhyale hawaiiensis</i> reveal sex-specific responses to AgNP and AgCl exposure. <i>Environmental Pollution</i> , 2020, 260, 113963.	3.7	13
12	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.	2.3	46
13	Toxicity of Cyanopeptides from Two <i>Microcystis</i> Strains on Larval Development of <i>Astyanax altiparanae</i> . <i>Toxins</i> , 2019, 11, 220.	1.5	22
14	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.	3.9	122
15	Microplastic contamination in surface waters in Guanabara Bay, Rio de Janeiro, Brazil. <i>Marine Pollution Bulletin</i> , 2019, 139, 157-162.	2.3	83
16	Higher silver bioavailability after nanoparticle dietary exposure in marine amphipods. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 806-810.	2.2	10
17	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.	2.2	3
18	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.	2.3	137

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19	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.	3.7	490
20	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.	3.7	5
21	Adoption of <i>in vitro</i> 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.	1.9	46
22	Development of an acute toxicity test with the tropical marine amphipod <i>Parhyale hawaiiensis</i> . <i>Ecotoxicology</i> , 2018, 27, 103-108.	1.1	27
23	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.	4.6	261
24	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.	0.7	19
25	Assessment of microplastic-sorbed contaminant bioavailability through analysis of biomarker gene expression in larval zebrafish. <i>Marine Pollution Bulletin</i> , 2017, 116, 291-297.	2.3	157
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.	2.9	29
27	Toxicant induced behavioural aberrations in larval zebrafish are dependent on minor methodological alterations. <i>Toxicology Letters</i> , 2017, 276, 62-68.	0.4	37
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.	1.9	40
29	Author Gender and Career Progression in <i>Environmental Science & Technology</i> . <i>Environmental Science & Technology</i> , 2017, 51, 9417-9418.	4.6	0
30	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.	2.2	228
31	Occurrence and risk assessment of an azo dye – The case of Disperse Red 1. <i>Chemosphere</i> , 2016, 156, 95-100.	4.2	49
32	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.	1.0	9
33	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, 188-198.	1.9	39
34	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, 242-246.	1.9	23
35	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, 583-588.	2.2	20
36	Fate and toxic effects of environmental stressors: environmental control. <i>Ecotoxicology</i> , 2015, 24, 2043-2048.	1.1	5

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37	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.	0.5	6
38	Time-related expression profiles for heat shock protein gene transcripts (<i>HSP40</i> , <i>HSP70</i>) in the central nervous system of <i>Lymnaea stagnalis</i> exposed to thermal stress. <i>Communicative and Integrative Biology</i> , 2015, 8, e1040954.	0.6	38
39	Effects of metal nanoparticles on the lateral line system and behaviour in early life stages of zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2014, 152, 318-323.	1.9	52
40	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, 154-164.	1.9	17
41	Identification and Avoidance of Potential Artifacts and Misinterpretations in Nanomaterial Ecotoxicity Measurements. <i>Environmental Science & Technology</i> , 2014, 48, 4226-4246.	4.6	209
42	Ingestion of metal-nanoparticle contaminated food disrupts endogenous microbiota in zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2013, 174, 157-163.	3.7	115
43	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, 70-79.	3.7	40
44	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.	4.6	24
45	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, 116-127.	1.9	84
46	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, 104-115.	1.9	211
47	Methodological considerations for testing the ecotoxicity of carbon nanotubes and fullerenes: Review. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 60-72.	2.2	113
48	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, 1962-1969.	4.6	110
49	Dietary toxicity of single-walled carbon nanotubes and fullerenes (C ₆₀) in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Nanotoxicology</i> , 2011, 5, 98-108.	1.6	90
50	Potential Release Pathways, Environmental Fate, And Ecological Risks of Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2011, 45, 9837-9856.	4.6	446
51	Aqueous fullerene aggregates (nC ₆₀) 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, 533-537.	3.3	59
52	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.	0.5	24
53	Effects of Electroshock on Cyprinid Embryos: Implications for Threatened and Endangered Fishes. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 768-776.	0.6	17
54	Manufactured nanoparticles: their uptake and effects on fish—a mechanistic analysis. <i>Ecotoxicology</i> , 2008, 17, 396-409.	1.1	385

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55	Attributing Effects of Aqueous C 60 Nano-Aggregates to Tetrahydrofuran Decomposition Products in Larval Zebrafish by Assessment of Gene Expression. Environmental Health Perspectives, 2007, 115, 1059-1065.	2.8	229