

# W Gregory Cope

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

2,619  
citations

218592

26  
h-index

214721

47  
g-index

100  
all docs

100  
docs citations

100  
times ranked

2719  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating audience response system technology during pesticide training for farmers. <i>Journal of Agricultural Education and Extension</i> , 2021, 27, 73-87.	1.1	1
2	Understanding the influence of multiple pollutant stressors on the decline of freshwater mussels in a biodiversity hotspot. <i>Science of the Total Environment</i> , 2021, 773, 144757.	3.9	19
3	Survival and Contaminants in Imperiled and Common Riverine Fishes Assessed with an In Situ Bioassay Approach. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2206-2219.	2.2	1
4	Method Development for a Short-Term 7-Day Toxicity Test with Unionid Mussels. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 3392-3409.	2.2	2
5	A New Open-Source Web Application with Animations to Support Learning of Neuron-to-Neuron Signaling. <i>American Biology Teacher</i> , 2021, 83, 600-602.	0.1	0
6	Biomass of the Cyanobacterium <i>Lyngbya wollei</i> Alters Copper Algaecide Exposure and Risks to a Non-target Organism. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 228-234.	1.3	0
7	Evaluation of Juvenile Freshwater Mussel Sensitivity to Multiple Forms of Florpyrauxifen-Benzyl. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 588-594.	1.3	5
8	Trophodynamics of Per- and Polyfluoroalkyl Substances in the Food Web of a Large Atlantic Slope River. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6800-6811.	4.6	47
9	Anglers' Views on Using Signs to Communicate Fish Consumption Advisories. <i>Fisheries</i> , 2020, 45, 307-316.	0.6	2
10	Managing the Invasive Cyanobacterium <i>Lyngbya wollei</i> in a Southeastern USA Reservoir: Evaluation of a Multi-year Treatment Program. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	2
11	Growth, Condition, and Trophic Relations of Stocked Trout in Southern Appalachian Mountain Streams. <i>Transactions of the American Fisheries Society</i> , 2019, 148, 771-784.	0.6	3
12	Behavior and Survival of Stocked Trout in Southern Appalachian Mountain Streams. <i>Transactions of the American Fisheries Society</i> , 2019, 148, 3-20.	0.6	9
13	The Status of Mussel Health Assessment and a Path Forward. <i>Freshwater Mollusk Biology and Conservation</i> , 2019, 22, 26.	0.4	23
14	Chasing a changing climate: Reproductive and dispersal traits predict how sessile species respond to global warming. <i>Diversity and Distributions</i> , 2018, 24, 880-891.	1.9	11
15	Food web contaminant dynamics of a large Atlantic Slope river: Implications for common and imperiled species. <i>Science of the Total Environment</i> , 2018, 633, 1062-1077.	3.9	18
16	Contaminants in tropical island streams and their biota. <i>Environmental Research</i> , 2018, 161, 615-623.	3.7	10
17	Hydrologic characteristics of freshwater mussel habitat: novel insights from modeled flows. <i>Freshwater Science</i> , 2018, 37, 343-356.	0.9	8
18	Do postlarval amphidromous fishes transport marine-derived nutrients and pollutants to Caribbean streams?. <i>Ecology of Freshwater Fish</i> , 2018, 27, 847-856.	0.7	12

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19	Effects of Turbidity, Sediment, and Polyacrylamide on Native Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2018, 54, 631-643.	1.0	2
20	Polycyclic aromatic hydrocarbons in surface waters, sediments, and unionid mussels: relation to road crossings and implications for chronic mussel exposure. <i>Hydrobiologia</i> , 2018, 810, 465-476.	1.0	10
21	Certified Safe Farm Implementation in North Carolina: Hazards, Safety Improvements, and Economic Incentives. <i>Journal of Agromedicine</i> , 2018, 23, 381-392.	0.9	1
22	A Comparison of the chemical sensitivities between in vitro and in vivo propagated juvenile freshwater mussels: Implications for standard toxicity testing. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3077-3085.	2.2	7
23	Selenium, Mercury, and Their Molar Ratio in Sportfish from Drinking Water Reservoirs. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1864.	1.2	8
24	Relation of contaminants to fish intersex in riverine sport fishes. <i>Science of the Total Environment</i> , 2018, 643, 73-89.	3.9	21
25	Assessment of growth, survival, and organ tissues of caged mussels ( <i>Bivalvia: Unionidae</i> ) in a river-scape influenced by coal mining in the southeastern USA. <i>Science of the Total Environment</i> , 2018, 645, 1273-1286.	3.9	13
26	The presence of algae mitigates the toxicity of copper-based algaecides to a nontarget organism. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2132-2142.	2.2	18
27	Windows of Susceptibility and Consequences of Early Life Exposures to 17 $\beta$ -estradiol on Medaka ( <i>Oryzias latipes</i> ) Reproductive Success. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5296-5305.	4.6	12
28	Acute toxicity of polyacrylamide flocculants to early life stages of freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2715-2721.	2.2	32
29	Copper-Based Aquatic Algaecide Adsorption and Accumulation Kinetics: Influence of Exposure Concentration and Duration for Controlling the Cyanobacterium <i>Lyngbya wollei</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 365-371.	1.3	15
30	Endocrine active contaminants in aquatic systems and intersex in common sport fishes. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 959-968.	2.2	24
31	Assessing toxicity of contaminants in riverine suspended sediments to freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 395-407.	2.2	12
32	Extending the toxicity-testing paradigm for freshwater mussels: Assessing chronic reproductive effects of the synthetic estrogen 17 $\beta$ -ethinylestradiol on the unionid mussel <i>Elliptio complanata</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 191, 14-25.	1.3	18
33	A Retrospective Analysis of Agricultural Herbicides in Surface Water Reveals Risk Plausibility for Declines in Submerged Aquatic Vegetation. <i>Toxics</i> , 2017, 5, 21.	1.6	14
34	Declining Occurrence and Low Colonization Probability in Freshwater Mussel Assemblages: A Dynamic Occurrence Modeling Approach. <i>Freshwater Mollusk Biology and Conservation</i> , 2017, 20, 13.	0.4	3
35	Adapting Certified Safe Farm to North Carolina Agriculture: An Implementation Study. <i>Journal of Agromedicine</i> , 2016, 21, 269-283.	0.9	8
36	Species traits and catchment-scale habitat factors influence the occurrence of freshwater mussel populations and assemblages. <i>Freshwater Biology</i> , 2016, 61, 1671-1684.	1.2	8

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37	Life Stage Sensitivity of a Freshwater Snail to Herbicides Used in Invasive Aquatic Weed Control. <i>Freshwater Mollusk Biology and Conservation</i> , 2016, 19, 69.	0.4	5
38	Microhabitat Suitability and Niche Breadth of Common and Imperiled Atlantic Slope Freshwater Mussels. <i>Freshwater Mollusk Biology and Conservation</i> , 2016, 19, 27.	0.4	8
39	Sensitivity of freshwater molluscs to hydrilla-targeting herbicides: providing context for invasive aquatic weed control in diverse ecosystems. <i>Journal of Freshwater Ecology</i> , 2015, 30, 335-348.	0.5	13
40	Sources of endocrine-disrupting compounds in North Carolina waterways: A geographic information systems approach. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 437-445.	2.2	11
41	Influence of sediment presence on freshwater mussel thermal tolerance. <i>Freshwater Science</i> , 2014, 33, 56-65.	0.9	16
42	Assessment of toxicity test endpoints for freshwater mussel larvae (glochidia). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 199-207.	2.2	24
43	Assessing the Effectiveness of the Pesticides and Farmworker Health Toolkit: A Curriculum for Enhancing Farmworkers'™ Understanding of Pesticide Safety Concepts. <i>Journal of Agromedicine</i> , 2014, 19, 96-102.	0.9	18
44	Metabolomic, behavioral, and reproductive effects of the synthetic estrogen 17 $\beta$ -ethinylestradiol on the unionid mussel <i>Lampsilis fasciola</i> . <i>Aquatic Toxicology</i> , 2014, 150, 103-116.	1.9	51
45	Survival and behaviour of juvenile unionid mussels exposed to thermal stress and dewatering in the presence of a sediment temperature gradient. <i>Freshwater Biology</i> , 2014, 59, 601-613.	1.2	35
46	Metabolomic, behavioral, and reproductive effects of the aromatase inhibitor fadrozole hydrochloride on the unionid mussel <i>Lampsilis fasciola</i> . <i>General and Comparative Endocrinology</i> , 2014, 206, 213-226.	0.8	21
47	Engaging Latino Farmworkers in the Development of Symbols to Improve Pesticide Safety and Health Education and Risk Communication. <i>Journal of Immigrant and Minority Health</i> , 2013, 15, 975-981.	0.8	16
48	Burrowing, byssus, and biomarkers: behavioral and physiological indicators of sublethal thermal stress in freshwater mussels (Unionidae). <i>Marine and Freshwater Behaviour and Physiology</i> , 2013, 46, 229-250.	0.4	36
49	Rapid decreases in salinity, but not increases, lead to immune dysregulation in Nile tilapia, <i>Oreochromis niloticus</i> (L.). <i>Journal of Fish Diseases</i> , 2013, 36, 389-399.	0.9	31
50	Maternally transferred mercury in wild largemouth bass, <i>Micropterus salmoides</i> . <i>Environmental Pollution</i> , 2013, 178, 493-497.	3.7	22
51	Validation of a Predictive Model for Fish Tissue Mercury Concentrations. <i>Transactions of the American Fisheries Society</i> , 2013, 142, 380-387.	0.6	4
52	Need for Improved Risk Communication of Fish Consumption Advisories to Protect Maternal and Child Health: Influence of Primary Informants. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1720-1734.	1.2	4
53	The Influence of Fish Length on Tissue Mercury Dynamics: Implications for Natural Resource Management and Human Health Risk. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 638-659.	1.2	49
54	Short-Term Effects of Small Dam Removal on a Freshwater Mussel Assemblage. <i>Freshwater Mollusk Biology and Conservation</i> , 2013, 16, 41.	0.4	1

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55	Effects of lead on Na <sup>+</sup> , K <sup>+</sup> â€”ATPase and hemolymph ion concentrations in the freshwater mussel <i>Elliptio complanata</i> . <i>Environmental Toxicology</i> , 2012, 27, 268-276.	2.1	24
56	Partial lifeâ€”cycle and acute toxicity of perfluoroalkyl acids to freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1611-1620.	2.2	28
57	Acute effects of road salts and associated cyanide compounds on the early life stages of the unionid mussel <i>Villosa iris</i> . <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1801-1806.	2.2	24
58	Thermal Tolerances of Freshwater Mussels and their Host Fishes: Species Interactions in a Changing Climate. <i>Freshwater Mollusk Biology and Conservation</i> , 2012, 15, 69.	0.4	11
59	Assessing Accumulation and Sublethal Effects of Lead in a Unionid Mussel. <i>Freshwater Mollusk Biology and Conservation</i> , 2012, 15, 60.	0.4	0
60	Genotoxic Response of Unionid Mussel Hemolymph to Hydrogen Peroxide and Polycyclic Aromatic Hydrocarbons. <i>Freshwater Mollusk Biology and Conservation</i> , 2012, 15, 113.	0.4	2
61	The Pesticide Risk Beliefs Inventory: A Quantitative Instrument for the Assessment of Beliefs about Pesticide Risks. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 1923-1935.	1.2	7
62	Does proximity to coal-fired power plants influence fish tissue mercury?. <i>Ecotoxicology</i> , 2010, 19, 1601-1611.	1.1	35
63	Environmental occurrence and reproductive effects of the pharmaceutical fluoxetine in native freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1311-1318.	2.2	152
64	Upper thermal tolerances of early life stages of freshwater mussels. <i>Journal of the North American Benthological Society</i> , 2010, 29, 959-969.	3.0	75
65	A Statewide Assessment of Mercury Dynamics in North Carolina Water Bodies and Fish. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 1328-1341.	0.6	28
66	Population Density and Instream Habitat Suitability of the Endangered Cape Fear Shiner. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 1439-1457.	0.6	11
67	Plasma Vitellogenin and Estradiol Concentrations in Adult Gulf Sturgeon from the Pascagoula River Drainage, Mississippi. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 1028-1035.	0.6	7
68	Analysis of functional traits in reconfigured channels: implications for the bioassessment and disturbance of river restoration. <i>Journal of the North American Benthological Society</i> , 2009, 28, 80-92.	3.0	103
69	Magnetic resonance imaging of live freshwater mussels (Unionidae). <i>Invertebrate Biology</i> , 2008, 127, 396-402.	0.3	13
70	Controlling nitrogen release from farm ponds with a subsurface outflow device: Implications for improved water quality in receiving streams. <i>Agricultural Water Management</i> , 2008, 95, 737-742.	2.4	2
71	Differential exposure, duration, and sensitivity of unionoidean bivalve life stages to environmental contaminants. <i>Journal of the North American Benthological Society</i> , 2008, 27, 451-462.	3.0	161
72	Environmental fate of chlorothalonil in a Costa Rican banana plantation. <i>Chemosphere</i> , 2007, 69, 1166-1174.	4.2	44

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73	Exposure of Unionid Mussels to Electric Current: Assessing Risks Associated with Electrofishing. Transactions of the American Fisheries Society, 2007, 136, 1593-1606.	0.6	7
74	Modeling pesticide fate in a small tidal estuary. Ecological Modelling, 2007, 200, 149-159.	1.2	6
75	Acute and chronic toxicity of glyphosate compounds to glochidia and juveniles of <i>Lampsilis siliquoidea</i> (unionidae). Environmental Toxicology and Chemistry, 2007, 26, 2094-2100.	2.2	87
76	INFLUENCE OF WATER QUALITY AND ASSOCIATED CONTAMINANTS ON SURVIVAL AND GROWTH OF THE ENDANGERED CAPE FEAR SHINER (NOTROPIS MEKISTOCHOLAS). Environmental Toxicology and Chemistry, 2006, 25, 2288.	2.2	11
77	POPULATION DYNAMICS OF ZEBRA MUSSELS DREISSENA POLYMORPHA (PALLAS, 1771) DURING THE INITIAL INVASION OF THE UPPER MISSISSIPPI RIVER, USA. Journal of Molluscan Studies, 2006, 72, 179-188.	0.4	10
78	Detection and Identification of Histamine-Producing Bacteria Associated with Harvesting and Processing Mahimahi and Yellowfin Tuna. Journal of Food Protection, 2005, 68, 1676-1682.	0.8	14
79	Salinity Tolerance of Flathead Catfish: Implications for Dispersal of Introduced Populations. Transactions of the American Fisheries Society, 2005, 134, 927-936.	0.6	56
80	Assessing Organic Contaminants in Fish: A Comparison of a Nonlethal Tissue Sampling Technique to Mobile and Stationary Passive Sampling Devices. Environmental Science & Technology, 2005, 39, 7601-7608.	4.6	34
81	Elimination Rate Constants of 46 Polycyclic Aromatic Hydrocarbons in the Unionid Mussel, <i>Elliptio complanata</i> . Archives of Environmental Contamination and Toxicology, 2004, 47, 332-40.	2.1	23
82	Bioavailability of PAHs: Effects of Soot Carbon and PAH Source. Environmental Science & Technology, 2004, 38, 2029-2037.	4.6	159
83	WATER QUALITY GUIDANCE FOR PROTECTION OF FRESHWATER MUSSELS (UNIONIDAE) FROM AMMONIA EXPOSURE. Environmental Toxicology and Chemistry, 2003, 22, 2569.	2.2	156
84	EVALUATION OF RELOCATION OF UNIONID MUSSELS TO IN SITU REFUGIA. Journal of Molluscan Studies, 2003, 69, 27-34.	0.4	36
85	BIOCHEMICAL COMPOSITION OF THREE SPECIES OF UNIONID MUSSELS AFTER EMERSION. Journal of Molluscan Studies, 2003, 69, 101-106.	0.4	11
86	Acetylcholinesterase Inhibition in the Threeridge Mussel ( <i>Amblema plicata</i> ) by Chlorpyrifos: Implications for Biomonitoring. Ecotoxicology and Environmental Safety, 2001, 49, 91-98.	2.9	40
87	Sediment-contact and survival of fingernail clams: Implications for conducting short-term laboratory tests. Environmental Toxicology, 2000, 15, 23-27.	2.1	9
88	Bioavailability of sediment-associated mercury to Hexagenia mayflies in a contaminated floodplain river. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 1092-1102.	0.7	17
89	Title is missing!. Water, Air, and Soil Pollution, 1999, 109, 277-292.	1.1	14
90	Bioassessment of Mercury, Cadmium, Polychlorinated Biphenyls, and Pesticides in the Upper Mississippi River with Zebra Mussels ( <i>Dreissena polymorpha</i> ). Environmental Science & Technology, 1999, 33, 4385-4390.	4.6	48

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91	Longitudinal Patterns in Abundance of the Zebra Mussel ( <i>Dreissena polymorpha</i> ) in the Upper Mississippi River. <i>Journal of Freshwater Ecology</i> , 1997, 12, 235-238.	0.5	27
92	Evaluation of freshwater mussel relocation as a conservation and management strategy. <i>River Research and Applications</i> , 1995, 11, 147-155.	1.1	81
93	Effects of Handling and Aerial Exposure on the Survival of Unionid Mussels. <i>Journal of Freshwater Ecology</i> , 1995, 10, 199-207.	0.5	24
94	Cadmium, Metal-binding Proteins, and Growth in Bluegill ( <i>Lepomis macrochirus</i> ) Exposed to Contaminated Sediments from the Upper Mississippi River Basin. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1994, 51, 1356-1367.	0.7	24
95	Toxicity of Candidate Molluscicides to Zebra Mussels ( <i>Dreissena polymorpha</i> ) and Selected Nontarget Organisms. <i>Journal of Great Lakes Research</i> , 1993, 19, 695-702.	0.8	69
96	Accumulation of mercury by aufwuchs in Wisconsin seepage lakes: Implications for monitoring. <i>Archives of Environmental Contamination and Toxicology</i> , 1992, 23, 172-178.	2.1	5
97	Mercury accumulation in yellow perch in Wisconsin seepage lakes: Relation to lake characteristics. <i>Environmental Toxicology and Chemistry</i> , 1990, 9, 931-940.	2.2	76
98	MERCURY ACCUMULATION IN YELLOW PERCH IN WISCONSIN SEEPAGE LAKES: RELATION TO LAKE CHARACTERISTICS. <i>Environmental Toxicology and Chemistry</i> , 1990, 9, 931.	2.2	84