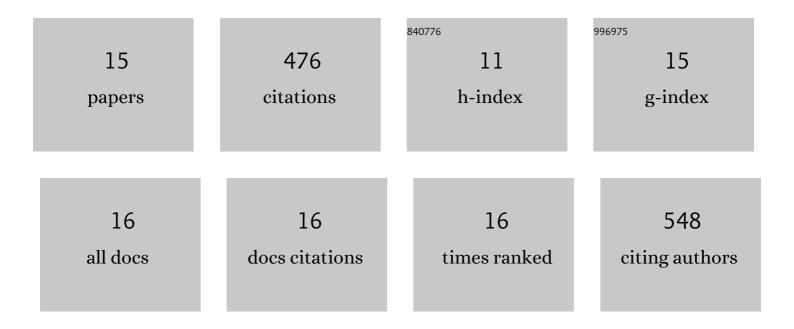
Claire Buchanan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Phytoplankton assemblages associated with water quality and salinity regions in Chesapeake Bay, USA. Estuarine, Coastal and Shelf Science, 2006, 69, 10-18.	2.1	82
2	Development and evaluation of a spatially-explicit index of Chesapeake Bay health. Marine Pollution Bulletin, 2009, 59, 14-25.	5.0	69
3	Phytoplankton index of biotic integrity for Chesapeake Bay and its tidal tributaries. Estuaries and Coasts, 2006, 29, 598-616.	2.2	68
4	Phytoplankton reference communities for Chesapeake Bay and its tidal tributaries. Estuaries and Coasts, 2005, 28, 138-159.	1.7	47
5	Arctic Zooplankton Community Structure: Exceptions to Some General Rules. Arctic, 1979, 32, .	0.4	44
6	A test of The Ecological Limits of Hydrologic Alteration (ELOHA) method for determining environmental flows in the Potomac River basin, U.S.A Freshwater Biology, 2013, 58, 2632-2647.	2.4	41
7	Nutrient limitation of phytoplankton in Chesapeake Bay: Development of an empirical approach for water-quality management. Water Research, 2021, 188, 116407.	11.3	34
8	THE ACTION SPECTRUM OF <i>DAPHNIA MAGNA</i> (CRUSTACEA) PHOTOTAXIS IN A SIMULATED NATURAL ENVIRONMENT. Photochemistry and Photobiology, 1981, 34, 711-717.	2.5	21
9	A laboratory method for studying zooplankton swimming behaviors. Hydrobiologia, 1982, 94, 77-89.	2.0	17
10	Disentangling the potential effects of landâ€use and climate change on stream conditions. Global Change Biology, 2020, 26, 2251-2269.	9.5	14
11	Revisiting the Chesapeake Bay Phytoplankton Index of Biotic Integrity. Environmental Monitoring and Assessment, 2014, 186, 1431-1451.	2.7	11
12	Predicting biological conditions for small headwater streams in the Chesapeake Bay watershed. Freshwater Science, 2018, 37, 795-809.	1.8	9
13	A Water Quality Binning Method to Infer Phytoplankton Community Structure and Function. Estuaries and Coasts, 2020, 43, 661-679.	2.2	9
14	Linking Altered Flow Regimes to Biological Condition: an Example Using Benthic Macroinvertebrates in Small Streams of the Chesapeake Bay Watershed. Environmental Management, 2021, 67, 1171-1185.	2.7	7
15	Spatial Distributions and Hypothetical Grazing Pressures of Zooplankton in the Tidal, Freshwater Potomac River. Journal of Freshwater Ecology, 1983, 2, 117-128.	1.2	3