

# Claire Buchanan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/300121/publications.pdf>

Version: 2024-02-01

15  
papers

476  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

548  
citing authors

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