Stephen M Bollens

List of Publications by Year
in descending order

46 papers	1,420 citations	394421 19 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	1373 citing authors

#	Article	IF	Citations
1	Nutrient Control of Phytoplankton Abundance and Biomass, and Microplankton Assemblage Structure in the Lower Columbia River (Vancouver, Washington, USA). Water (Switzerland), 2022, 14, 1599.	2.7	5
2	Effects of Grazing and Nutrients on Phytoplankton Blooms and Microplankton Assemblage Structure in Four Temperate Lakes Spanning a Eutrophication Gradient. Water (Switzerland), 2021, 13, 1085.	2.7	4
3	Temperature-dependent functional response of the invasive Asian clam, Corbicula fluminea, feeding on natural phytoplankton. Inland Waters, 2021, 11, 250-256.	2.2	5
4	Calcium concentrations in the lower Columbia River, USA , are generally sufficient to support invasive bivalve spread. River Research and Applications, 2021, 37, 889-894.	1.7	3
5	An experimental evaluation of the efficacy of imaging flow cytometry (FlowCam) for detecting invasive Dreissened and Corbiculid bivalve veligers. Lake and Reservoir Management, 2021, 37, 406-417.	1.3	1
6	Zooplankton invasions in the early 21st century: a global survey of recent studies and recommendations for future research. Hydrobiologia, 2020, 847, 309-319.	2.0	20
7	Native and invasive zooplankton show differing responses to decadalâ€scale increases in maximum temperatures in a large temperate river. Limnology and Oceanography Letters, 2020, 5, 403-409.	3.9	7
8	Seasonal and longitudinal variability of zooplankton assemblages along a river-dominated estuarine gradient. Estuarine, Coastal and Shelf Science, 2020, 245, 106980.	2.1	12
9	Zooplankton invasion on a grand scale: insights from a 20â€yr time series across 38 Northeast Pacific estuaries. Ecosphere, 2020, 11, e03040.	2.2	14
10	Biotic vs. abiotic forcing on plankton assemblages varies with season and size class in a large temperate estuary. Journal of Plankton Research, 2020, 42, 221-237.	1.8	6
11	Modeling the trophic impacts of invasive zooplankton in a highly invaded river. PLoS ONE, 2020, 15, e0243002.	2.5	8
12	Variability in the vertical distribution of chlorophyll in a spill-managed temperate reservoir. Lake and Reservoir Management, 2019, 35, 119-126.	1.3	5
13	The effects of runâ€ofâ€river dam spill on Columbia River microplankton. River Research and Applications, 2019, 35, 1478-1488.	1.7	6
14	Diverse taxa of zooplankton inhabit hypoxic waters during both day and night in a temperate eutrophic lake. Journal of Plankton Research, 2019, 41, 431-447.	1.8	4
15	Engaging High School Students as Collaborators in Ecological Investigation of the Columbia River Estuary: Lessons from a Transdisciplinary Universityâ€“High School Partnership. Limnology and Oceanography Bulletin, 2019, 28, 45-51.	0.4	3
16	Feeding rates and prey selection of the invasive Asian clam, Corbicula fluminea, on microplankton in the Columbia River, USA. Hydrobiologia, 2019, 833, 107-123.	2.0	24
17	A genetic reconstruction of the invasion of the calanoid copepod Pseudodiaptomus inopinus across the North American Pacific Coast. Biological Invasions, 2018, 20, 1577-1595.	2.4	11
18	The trouble with stress: A flexible method for the evaluation of nonmetric multidimensional scaling. Limnology and Oceanography: Methods, 2018, 16, 434-443.	2.0	98

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19	Beyond Eutrophication: Vancouver Lake, WA, USA as a Model System for Assessing Multiple, Interacting Biotic and Abiotic Drivers of Harmful Cyanobacterial Blooms. Water (Switzerland), 2018, 10, 757.	2.7	17
20	Early detection monitoring for larval dreissenid mussels: how much plankton sampling is enough?. Environmental Monitoring and Assessment, 2017, 189, 98.	2.7	11
21	Veligers of the invasive Asian clam Corbicula fluminea in the Columbia River Basin: Broadscale distribution, abundance, and ecological associations. Lake and Reservoir Management, 2017, 33, 234-248.	1.3	18
22	Interactive effects of phosphorus and zooplankton grazing on cyanobacterial blooms in a shallow temperate lake. Hydrobiologia, 2017, 788, 345-359.	2.0	19
23	The effects of eutrophication and invasive species on zooplankton community dynamics in a shallow temperate lake. Fundamental and Applied Limnology, 2016, 188, 215-231.	0.7	12
24	Predation on the Invasive Copepod, Pseudodiaptomus forbesi, and Native Zooplankton in the Lower Columbia River: An Experimental Approach to Quantify Differences in Prey-Specific Feeding Rates. PLoS ONE, 2015, 10, e0144095.	2.5	9
25	Persistent vs. ephemeral invasions: 8.5 years of zooplankton community dynamics in the Columbia River. Limnology and Oceanography, 2015, 60, 527-539.	3.1	27
26	The influence of water quality variables on cyanobacterial blooms and phytoplankton community composition in a shallow temperate lake. Environmental Monitoring and Assessment, 2015, 187, 315.	2.7	43
27	Environmental influence on cyanobacteria abundance and microcystin toxin production in a shallow temperate lake. Ecotoxicology and Environmental Safety, 2015, 114, 318-325.	6.0	66
28	Seasonal dynamics of zooplankton in Columbiaâ€“Snake River reservoirs, with special emphasis on the invasive copepod Pseudodiaptomus forbesi. Aquatic Invasions, 2015, 10, 25-40.	1.6	26
29	Feeding dynamics of the copepod Diacyclops thomasi before, during and following filamentous cyanobacteria blooms in a large, shallow temperate lake. Hydrobiologia, 2013, 705, 101-118.	2.0	48
30	Non-native freshwater cladoceran Bosmina coregoni (Baird, 1857) established on the Pacific coast of North America. BioInvasions Records, 2013, 2, 281-286.	1.1	14
31	Invasive copepods in the Lower Columbia River Estuary: Seasonal abundance, co-occurrence and potential competition with native copepods. Aquatic Invasions, 2012, 7, 101-109.	1.6	40
32	Mesozooplankton of the lower San Francisco Estuary: spatio-temporal patterns, ENSO effects and the prevalence of non-indigenous species. Journal of Plankton Research, 2011, 33, 1358-1377.	1.8	32
33	Cascading migrations and implications for vertical fluxes in pelagic ecosystems. Journal of Plankton Research, 2011, 33, 349-355.	1.8	57
34	Toward a more comprehensive theory of zooplankton diel vertical migration: Integrating ultraviolet radiation and water transparency into the biotic paradigm. Limnology and Oceanography, 2011, 56, 1603-1623.	3.1	170
35	Macrozooplankton Community Dynamics in Relation to Environmental Variables in Willapa Bay, Washington, USA. Estuaries and Coasts, 2010, 33, 182-194.	2.2	14
36	Modelling physico-chemical factors affecting occurrences of a non-indigenous planktonic copepod in northeast Pacific estuaries. Biological Invasions, 2010, 12, 1427-1445.	2.4	11

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37	Asian copepods on the move: recent invasions in the Columbiaâ€“Snake River system, USA. ICES Journal of Marine Science, 2008, 65, 753-758.	2.5	65
38	Macrozooplankton and micronekton of the lower San Francisco estuary: Seasonal, interannual, and regional variation in relation to environmental conditions. Estuaries and Coasts, 2005, 28, 473-485.	1.7	16
39	Relevant scales in zooplankton ecology: Distribution, feeding, and reproduction of the copepod Acartia hudsonica in response to thin layers of the diatom Skeletonema costatum. Limnology and Oceanography, 2004, 49, 625-636.	3.1	38
40	Selenium in San Francisco Bay zooplankton: Potential effects of hydrodynamics and food web interactions. Estuaries and Coasts, 2003, 26, 956-969.	1.7	25
41	Zooplankton invasions: a brief review, plus two case studies from the northeast Pacific Ocean. Hydrobiologia, 2002, 480, 87-110.	2.0	84
42	The effect of ultraviolet radiation on the vertical distribution and mortality of estuarine zooplankton. Journal of Plankton Research, 2000, 22, 2325-2350.	1.8	54
43	Vertical distributions and susceptibilities to vertebrate predation of the marine copepods Metridia lucens and Calanus pacificus. Limnology and Oceanography, 1993, 38, 1827-1837.	3.1	41
44	Diel vertical migration in zooplankton: field evidence in support of the predator avoidance hypothesis. Hydrobiologia, 1992, 234, 33-39.	2.0	70
45	Deep-sea amphipod swarms. Nature, 1992, 358, 25-26.	27.8	18
46	Zooplanktivorous fish and variable diel vertical migration in the marine planktonic copepod Calanus pacificus. Limnology and Oceanography, 1989, 34, 1072-1083.	3.1	139