

# Brandon M Stephens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1125535/publications.pdf>

Version: 2024-02-01

16  
papers

596  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoscale ocean fronts enhance carbon export due to gravitational sinking and subduction. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1252-1257.	7.1	122
2	High-Resolution Liquid Chromatography Tandem Mass Spectrometry Enables Large Scale Molecular Characterization of Dissolved Organic Matter. Frontiers in Marine Science, 2017, 4, .	2.5	94
3	Dissolved organic matter characteristics within the Lake Superior watershed. Organic Geochemistry, 2008, 39, 1489-1501.	1.8	72
4	Carotenoids are the likely precursor of a significant fraction of marine dissolved organic matter. Science Advances, 2017, 3, e1602976.	10.3	56
5	Terrestrial and marine perspectives on modeling organic matter degradation pathways. Global Change Biology, 2016, 22, 121-136.	9.5	50
6	CCE V: Primary production, mesozooplankton grazing, and the biological pump in the California Current Ecosystem: Variability and response to El Niño. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 140, 52-62.	1.4	44
7	DOM characteristics along the continuum from river to receiving basin: a comparison of freshwater and saline transects. Aquatic Sciences, 2010, 72, 403-417.	1.5	39
8	An operational overview of the EXport Processes in the Ocean from RemoTe Sensing (EXPORTS) Northeast Pacific field deployment. Elementa, 2021, 9, .	3.2	28
9	Sorption of a Hydrophilic Pesticide. Soil Science Society of America Journal, 2006, 70, 1991-1997.	2.2	26
10	Organic Matter Composition at Ocean Station Papa Affects Its Bioavailability, Bacterioplankton Growth Efficiency and the Responding Taxa. Frontiers in Marine Science, 2021, 7, .	2.5	17
11	The Seasonal Flux and Fate of Dissolved Organic Carbon Through Bacterioplankton in the Western North Atlantic. Frontiers in Microbiology, 2021, 12, 669883.	3.5	14
12	Euphotic zone nitrification in the California Current Ecosystem. Limnology and Oceanography, 2020, 65, 790-806.	3.1	13
13	Nonsinking Organic Matter Production in the California Current. Global Biogeochemical Cycles, 2018, 32, 1386-1405.	4.9	8
14	Recent Increases in Water Column Denitrification in the Seasonally Suboxic Bottom Waters of the Santa Barbara Basin. Geophysical Research Letters, 2019, 46, 6786-6795.	4.0	8
15	Sorption of Isoxaflutole Diketonitrile Degradate (DKN) and Dicamba in Unsaturated Soil. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2006, 41, 1071-1083.	1.5	5
16	A lignin, diatom, and pollen record spanning the Pleistocene–Holocene transition at Fallen Leaf Lake, Sierra Nevada, California, USA. , 2021, , 1-18.		0