

# James G Sanders

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,805  
citations

236925

25  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1161  
citing authors

#	ARTICLE	IF	CITATIONS
1	The uptake and reduction of arsenic species by marine algae. <i>Estuarine and Coastal Marine Science</i> , 1980, 10, 555-567.	0.9	226
2	Nutrient Enrichment Studies in a Coastal Plain Estuary: Phytoplankton Growth in Large-Scale, Continuous Cultures. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986, 43, 397-406.	1.4	210
3	Variability in responses to nutrients and trace elements, and transmission of stressor effects through an estuarine food web. <i>Limnology and Oceanography</i> , 1999, 44, 837-863.	3.1	103
4	Arsenic geochemistry in Chesapeake Bay: Dependence upon anthropogenic inputs and phytoplankton species composition. <i>Marine Chemistry</i> , 1985, 17, 329-340.	2.3	91
5	Nutrient Enrichment Studies in a Coastal Plain Estuary: Changes in Phytoplankton Species Composition. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1987, 44, 83-90.	1.4	90
6	Arsenic cycling in marine systems. <i>Marine Environmental Research</i> , 1980, 3, 257-266.	2.5	78
7	Nutrient Enrichment Drives Gulf of Mexico Hypoxia. <i>Eos</i> , 2009, 90, 117-118.	0.1	67
8	Biogeochemical Control on the Flux of Trace Elements from Estuarine Sediments: Water Column Oxygen Concentrations and Benthic Infauna. <i>Estuarine, Coastal and Shelf Science</i> , 1997, 44, 23-38.	2.1	66
9	Trace Element Transformation during the Development of an Estuarine Algal Bloom. <i>Estuaries and Coasts</i> , 1993, 16, 521.	1.7	65
10	Microbial role in the demethylation and oxidation of methylated arsenicals in seawater. <i>Chemosphere</i> , 1979, 8, 135-137.	8.2	63
11	The influence of pH and media composition on the uptake of inorganic selenium by <i>Chlamydomonas reinhardtii</i> . <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1577-1583.	4.3	63
12	EFFECTS OF ARSENIC SPECIATION AND PHOSPHATE CONCENTRATION ON ARSENIC INHIBITION OF <i>SKELETONEMA COSTATUM</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 1979, 15, 424-428.	2.3	54
13	A watershed perspective on nutrient enrichment, science, and policy in the Patuxent River, Maryland: 1960-2000. <i>Estuaries and Coasts</i> , 2003, 26, 171-185.	1.7	51
14	EFFECTS OF ARSENIC SPECIATION AND PHOSPHATE CONCENTRATION ON ARSENIC INHIBITION OF <i>SKELETONEMA COSTATUM</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 1979, 15, 424-428.	2.3	48
15	Temporal and Spatial Patterns of Trace Elements in the Patuxent River: A Whole Watershed Approach. <i>Estuaries and Coasts</i> , 2000, 23, 521.	1.7	37
16	The effect of biological and physical disturbances on the transport of arsenic from contaminated estuarine sediments. <i>Estuarine, Coastal and Shelf Science</i> , 1987, 25, 693-706.	2.1	36
17	Role of Marine Phytoplankton in Determining the Chemical Speciation and Biogeochemical Cycling of Arsenic. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1983, 40, s192-s196.	1.4	34
18	Response of marine phytoplankton to low levels of arsenate. <i>Journal of Plankton Research</i> , 1982, 4, 881-893.	1.8	31

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19	Pathways of silver uptake and accumulation by the American oyster ( <i>Crassostrea virginica</i> ) in Chesapeake Bay. <i>Estuarine, Coastal and Shelf Science</i> , 1990, 31, 113-123.	2.1	31
20	Seasonal variability in response of estuarine phytoplankton communities to stress: Linkages between toxic trace elements and nutrient enrichment. <i>Estuaries and Coasts</i> , 2003, 26, 323-338.	1.7	31
21	Effects of copper, chlorine, and thermal addition on the species composition of marine phytoplankton. <i>Journal of Experimental Marine Biology and Ecology</i> , 1981, 49, 81-102.	1.5	29
22	Direct and Indirect Effects of Arsenic on the Survival and Fecundity of Estuarine Zooplankton. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986, 43, 694-699.	1.4	28
23	Response of Chesapeake Bay phytoplankton communities to low levels of toxic substances. <i>Marine Pollution Bulletin</i> , 1988, 19, 439-444.	5.0	28
24	The effects of multiple stressors on the balance between autotrophic and heterotrophic processes in an estuarine system. <i>Estuaries and Coasts</i> , 2003, 26, 352-364.	1.7	28
25	Relative copper binding capacities of dissolved organic compounds in a coastal-plain estuary. <i>Environmental Science &amp; Technology</i> , 1986, 20, 817-821.	10.0	26
26	Silver and Copper Accumulation in Two Estuarine Bivalves, the Eastern Oyster ( <i>Crassostrea virginica</i> ) and the Hooked Mussel ( <i>Ischadium recurvum</i> ) in the Patuxent River Estuary, Maryland. <i>Estuaries and Coasts</i> , 1995, 18, 445.	1.7	26
27	Arsenic incorporation in a salt marsh ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 20, 387-392.	2.1	25
28	The role of three species of benthic invertebrates in the transport of arsenic from contaminated estuarine sediment. <i>Journal of Experimental Marine Biology and Ecology</i> , 1989, 134, 143-155.	1.5	24
29	Arsenic uptake and transfer in a simplified estuarine food chain. <i>Environmental Toxicology and Chemistry</i> , 1990, 9, 391-395.	4.3	24
30	Multiple stressors in an estuarine system: Effects of nutrients, trace elements, and trophic complexity on benthic photosynthesis and respiration. <i>Estuaries and Coasts</i> , 2002, 25, 57-69.	1.7	20
31	The interrelationships among trace element cycling, nutrient loading, and system complexity in estuaries: A mesocosm study. <i>Estuaries and Coasts</i> , 2003, 26, 339-351.	1.7	19
32	Metal accumulation and impacts in phytoplankton. , 1998, , 59-76.		16
33	Control of Trace Element Toxicity by Phytoplankton. , 1987, , 131-149.		13
34	Trace Element Speciation and Behavior in the Tidal Delaware River. <i>Estuaries and Coasts</i> , 1998, 21, 78.	1.7	13
35	Preferential utilization of inorganic polyphosphate over other bioavailable phosphorus sources by the model diatoms <i>Thalassiosira</i> spp.. <i>Environmental Microbiology</i> , 2019, 21, 2415-2425.	3.8	9
36	Scientists don't make management decisions. <i>Marine Pollution Bulletin</i> , 1987, 18, 429-434.	5.0	2

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37	KENNETH R. TENORE, 1943-2006. <i>Limnology and Oceanography Bulletin</i> , 2006, 15, 63-64.	0.4	0