

James G Sanders

List of Publications by Year in descending order

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37
papers

1,805
citations

236925

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h-index

377865

34
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docs citations

37
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	Preferential utilization of inorganic polyphosphate over other bioavailable phosphorus sources by the model diatoms <i>Thalassiosira</i> spp.. Environmental Microbiology, 2019, 21, 2415-2425.	3.8	9
2	Nutrient Enrichment Drives Gulf of Mexico Hypoxia. Eos, 2009, 90, 117-118.	0.1	67
3	KENNETH R. TENORE, 1943-2006. Limnology and Oceanography Bulletin, 2006, 15, 63-64.	0.4	0
4	A watershed perspective on nutrient enrichment, science, and policy in the Patuxent River, Maryland: 1960-2000. Estuaries and Coasts, 2003, 26, 171-185.	1.7	51
5	Seasonal variability in response of estuarine phytoplankton communities to stress: Linkages between toxic trace elements and nutrient enrichment. Estuaries and Coasts, 2003, 26, 323-338.	1.7	31
6	The interrelationships among trace element cycling, nutrient loading, and system complexity in estuaries: A mesocosm study. Estuaries and Coasts, 2003, 26, 339-351.	1.7	19
7	The effects of multiple stressors on the balance between autotrophic and heterotrophic processes in an estuarine system. Estuaries and Coasts, 2003, 26, 352-364.	1.7	28
8	Multiple stressors in an estuarine system: Effects of nutrients, trace elements, and trophic complexity on benthic photosynthesis and respiration. Estuaries and Coasts, 2002, 25, 57-69.	1.7	20
9	Temporal and Spatial Patterns of Trace Elements in the Patuxent River: A Whole Watershed Approach. Estuaries and Coasts, 2000, 23, 521.	1.7	37
10	Variability in responses to nutrients and trace elements, and transmission of stressor effects through an estuarine food web. Limnology and Oceanography, 1999, 44, 837-863.	3.1	103
11	Trace Element Speciation and Behavior in the Tidal Delaware River. Estuaries and Coasts, 1998, 21, 78.	1.7	13
12	Metal accumulation and impacts in phytoplankton. , 1998, , 59-76.		16
13	Biogeochemical Control on the Flux of Trace Elements from Estuarine Sediments: Water Column Oxygen Concentrations and Benthic Infauna. Estuarine, Coastal and Shelf Science, 1997, 44, 23-38.	2.1	66
14	The influence of pH and media composition on the uptake of inorganic selenium by <i>Chlamydomonas reinhardtii</i> . Environmental Toxicology and Chemistry, 1996, 15, 1577-1583.	4.3	63
15	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. Estuaries and Coasts, 1995, 18, 445.	1.7	26
16	Trace Element Transformation during the Development of an Estuarine Algal Bloom. Estuaries and Coasts, 1993, 16, 521.	1.7	65
17	Arsenic uptake and transfer in a simplified estuarine food chain. Environmental Toxicology and Chemistry, 1990, 9, 391-395.	4.3	24
18	Pathways of silver uptake and accumulation by the American oyster (<i>Crassostrea virginica</i>) in Chesapeake Bay. Estuarine, Coastal and Shelf Science, 1990, 31, 113-123.	2.1	31

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19	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
20	Response of Chesapeake Bay phytoplankton communities to low levels of toxic substances. <i>Marine Pollution Bulletin</i> , 1988, 19, 439-444.	5.0	28
21	Control of Trace Element Toxicity by Phytoplankton. , 1987, , 131-149.		13
22	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
23	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
24	Scientists don't make management decisions. <i>Marine Pollution Bulletin</i> , 1987, 18, 429-434.	5.0	2
25	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
26	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
27	Relative copper binding capacities of dissolved organic compounds in a coastal-plain estuary. <i>Environmental Science & Technology</i> , 1986, 20, 817-821.	10.0	26
28	Arsenic geochemistry in Chesapeake Bay: Dependence upon anthropogenic inputs and phytoplankton species composition. <i>Marine Chemistry</i> , 1985, 17, 329-340.	2.3	91
29	Arsenic incorporation in a salt marsh ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 20, 387-392.	2.1	25
30	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
31	Response of marine phytoplankton to low levels of arsenate. <i>Journal of Plankton Research</i> , 1982, 4, 881-893.	1.8	31
32	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
33	The uptake and reduction of arsenic species by marine algae. <i>Estuarine and Coastal Marine Science</i> , 1980, 10, 555-567.	0.9	226
34	Arsenic cycling in marine systems. <i>Marine Environmental Research</i> , 1980, 3, 257-266.	2.5	78
35	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
36	Microbial role in the demethylation and oxidation of methylated arsenicals in seawater. <i>Chemosphere</i> , 1979, 8, 135-137.	8.2	63

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37	EFFECTS OF ARSENIC SPECIATION AND PHOSPHATE CONCENTRATION ON ARSENIC INHIBITION OF SKELETONEMA COSTATUM (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 1979, 15, 424-428.	2.3	48