# Fredric Lipschultz

List of Publications by Year
in descending order



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|---|---|---|---|
| 22 papers | 2,018 citations | 471509 17 h-index | 713466 21 g-index |
| 22 all docs | 22 docs citations | 22 times ranked | 1873 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Isotope dilution models of uptake and remineralization of ammonium by marine plankton1. Limnology and Oceanography, 1982, 27, 639-650. | 3.1 | 303 |
| 2 | N isotopic composition of dissolved organic nitrogen and nitrate at the Bermuda Atlantic Time-series Study site. Global Biogeochemical Cycles, 2005, 19, . | 4.9 | 266 |
| 3 | Forming the primary nitrite maximum: Nitrifiers or phytoplankton?. Limnology and Oceanography, 2006, 51, 2453-2467. | 3.1 | 221 |
| 4 | A seasonal study of the significance of N2 fixation by Trichodesmium spp. at the Bermuda Atlantic Time-series Study (BATS) site. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 1583-1608. | 1.4 | 194 |
| 5 | Upward transport of oceanic nitrate by migrating diatom mats. Nature, 1999, 397, 423-425. | 27.8 | 144 |
| 6 | Nitrate isotopic composition between Bermuda and Puerto Rico: Implications for N<sub>2</sub> fixation in the Atlantic Ocean. Global Biogeochemical Cycles, 2008, 22, . | 4.9 | 113 |
| 7 | A time-series assessment of the nitrogen cycle at BATS. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 1897-1924. | 1.4 | 96 |
| 8 | New production in the Sargasso Sea: History and current status. Global Biogeochemical Cycles, 2002, 16, 1-1-1-17. | 4.9 | 87 |
| 9 | Nitrogen metabolism of the eutrophic Delaware River ecosystem1. Limnology and Oceanography, 1986, 31, 701-716. | 3.1 | 85 |
| 10 | INTERNAL NITRATE CONCENTRATIONS IN SINGLE CELLS OF LARGE PHYTOPLANKTON FROM THE SARGASSO SEA1. Journal of Phycology, 1995, 31, 689-696. | 2.3 | 83 |
| 11 | An assessment of nitrogen fixation as a source of nitrogen to the North Atlantic Ocean. Biogeochemistry, 1996, 35, 261-274. | 3.5 | 70 |
| 12 | The flux and isotopic composition of reduced and total nitrogen in Bermuda rain. Marine Chemistry, 2010, 120, 83-89. | 2.3 | 66 |
| 13 | Particulate matter ingestion and associated nitrogen uptake by four species of scleractinian corals. Coral Reefs, 2004, 23, 311-323. | 2.2 | 61 |
| 14 | Salt Marsh Detritus: An Alternative Interpretation of Stable Carbon Isotope Ratios and the Fate of Spartina alterniflora. Oikos, 1980, 34, 173. | 2.7 | 59 |
| 15 | BIOLOGICAL AND CHEMICAL CHARACTERISTICS OF THE GIANT DIATOM ETHMODISCUS (BACILLARIOPHYCEAE) IN THE CENTRAL NORTH PACIFIC GYRE. Journal of Phycology, 1999, 35, 896-902. | 2.3 | 53 |
| 16 | Nitrate uptake by the reef coral Diploria strigosa: effects of concentration, water flow, and irradiance. Marine Biology, 2006, 149, 327-338. | 1.5 | 32 |
| 17 | Effects of nutritional history on nitrogen assimilation in congeneric temperate and tropical scleractinian corals. Marine Biology, 2004, 145, 1085-1096. | 1.5 | 23 |
| 18 | Isotope Tracer Methods for Studies of the Marine Nitrogen Cycle. , 2008, , 1345-1384. | | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Methane Release from a Brackish Intertidal Salt-Marsh Embayment of Chesapeake Bay, Maryland. Estuaries and Coasts, 1981, 4, 143. | 1.7 | 15 |
| 20 | Nitrogen fixation associated with four species of submerged angiosperms in the central Chesapeake bay. Estuarine and Coastal Marine Science, 1979, 9, 813-818. | 0.9 | 13 |
| 21 | Diode Array Spectrometer for Nitrogen Isotopic Analysis. Applied Spectroscopy, 1993, 47, 2093-2095. | 2.2 | 8 |
| 22 | Climate Explorer: Improved Access to Local Climate Projections. Bulletin of the American Meteorological Society, 2020, 101, E265-E273. | 3.3 | 3 |