Joseph R Crosswell

List of Publications by Year
in descending order

22 papers	**566** citations	623734 **14** h-index	713466 **21** g-index
22 all docs	**22** docs citations	**22** times ranked	**932** citing authors

#	Article	IF	Citations
1	Omics-based ecosurveillance uncovers the influence of estuarine macrophytes on sediment microbial function and metabolic redundancy in a tropical ecosystem. Science of the Total Environment, 2022, 809, 151175.	8.0	8
2	Establishing a regional microbial blueprint of metabolic function in sediment collected from pristine tropical estuarine systems. , 2022, , 337-357.		0
3	Wave energy alters biodiversity by shaping intraspecific traits of a habitat‐forming species. Oikos, 2021, 130, 52-65.	2.7	5
4	Functional analysis of pristine estuarine marine sediments. Science of the Total Environment, 2021, 781, 146526.	8.0	16
5	Dynamic variability of the phytoplankton electron requirement for carbon fixation in eastern Australian waters. Journal of Marine Systems, 2020, 202, 103252.	2.1	10
6	Controls on Carbon, Nutrient, and Sediment Cycling in a Large, Semiarid Estuarine System; Princess Charlotte Bay, Australia. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005049.	3.0	8
7	Unlocking the black‐box of inorganic carbon‐uptake and utilization strategies among coral endosymbionts (Symbiodiniaceae). Limnology and Oceanography, 2020, 65, 1747-1763.	3.1	21
8	Influence of Human Activities on Broad-Scale Estuarine-Marine Habitats Using Omics-Based Approaches Applied to Marine Sediments. Microorganisms, 2019, 7, 419.	3.6	11
9	Watershed‐Scale Drivers of Air‐Water CO_2 Exchanges in Two Lagoonal North Carolina (USA) Estuaries. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 271-287.	3.0	21
10	Seasonal metabolic analysis of marine sediments collected from Moreton Bay in South East Queensland, Australia, using a multi-omics-based approach. Science of the Total Environment, 2018, 631-632, 1328-1341.	8.0	20
11	Two decades of tropical cyclone impacts on North Carolina's estuarine carbon, nutrient and phytoplankton dynamics: implications for biogeochemical cycling and water quality in a stormier world. Biogeochemistry, 2018, 141, 307-332.	3.5	98
12	An empirical process model to predict microalgal carbon fixation rates in photobioreactors. Algal Research, 2018, 31, 334-346.	4.6	17
13	Flood-driven CO_2 emissions from adjacent North Carolina estuaries during Hurricane Joaquin (2015). Marine Chemistry, 2018, 207, 1-12.	2.3	17
14	Electricity and biomass production in a bacteria- Chlorella based microbial fuel cell treating wastewater. Journal of Power Sources, 2017, 356, 299-309.	7.8	66
15	A multi-omics based ecological analysis of coastal marine sediments from Gladstone, in Australia's Central Queensland, and Heron Island, a nearby fringing platform reef. Science of the Total Environment, 2017, 609, 842-853.	8.0	29
16	Carbon budget of a shallow, lagoonal estuary: Transformations and source‐sink dynamics along the river‐estuary‐ocean continuum. Limnology and Oceanography, 2017, 62, S29.	3.1	43
17	A novel membrane inlet‐infrared gas analysis (MI‐IRGA) system for monitoring of seawater carbonate system. Limnology and Oceanography: Methods, 2017, 15, 38-53.	2.0	1
18	Bubble Clouds in Coastal Waters and Their Role in Air-Water Gas Exchange of CO2. Journal of Marine Science and Engineering, 2015, 3, 866-890.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Application of molecular tools for microbial source tracking and public health risk assessment of a Microcystis bloom traversing 300km of the Klamath River. Harmful Algae, 2015, 46, 71-81.	4.8	54
20	Extensive CO_2 emissions from shallow coastal waters during passage of Hurricane Irene (August 2011) over the Mid‐Atlantic Coast of the U.S.A. Limnology and Oceanography, 2014, 59, 1651-1665.	3.1	36
21	Application of empirical predictive modeling using conventional and alternative fecal indicator bacteria in eastern North Carolina waters. Water Research, 2012, 46, 5871-5882.	11.3	37
22	Air‐water CO_2 fluxes in the microtidal Neuse River Estuary, North Carolina. Journal of Geophysical Research, 2012, 117, .	3.3	44