

# Justin D Liefer

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

652  
citations

687363

13  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenetic Diversity in the Macromolecular Composition of Microalgae. PLoS ONE, 2016, 11, e0155977.	2.5	149
2	The Macromolecular Basis of Phytoplankton C:N:P Under Nitrogen Starvation. Frontiers in Microbiology, 2019, 10, 763.	3.5	80
3	Temporal and spatial variability in <i>Pseudo-nitzschia</i> spp. in Alabama coastal waters: A "hot spot" linked to submarine groundwater discharge?. Harmful Algae, 2009, 8, 706-714.	4.8	62
4	Influence of Environmental Variables on <i>Gambierdiscus</i> spp. (Dinophyceae) Growth and Distribution. PLoS ONE, 2016, 11, e0153197.	2.5	52
5	Molecular mechanisms of temperature acclimation and adaptation in marine diatoms. ISME Journal, 2019, 13, 2415-2425.	9.8	48
6	Nitrogen starvation induces distinct photosynthetic responses and recovery dynamics in diatoms and prasinophytes. PLoS ONE, 2018, 13, e0195705.	2.5	47
7	Natural Radon and Radium Isotopes for Assessing Groundwater Discharge into Little Lagoon, AL: Implications for Harmful Algal Blooms. Estuaries and Coasts, 2014, 37, 893-910.	2.2	40
8	Characterization of a toxic <i>Pseudo-nitzschia</i> spp. bloom in the Northern Gulf of Mexico associated with domoic acid accumulation in fish. Harmful Algae, 2013, 26, 20-32.	4.8	29
9	Quantitating active photosystem II reaction center content from fluorescence induction transients. Limnology and Oceanography: Methods, 2017, 15, 54-69.	2.0	26
10	Grazing and viral lysis vary for different components of the microbial community across an estuarine gradient. Aquatic Microbial Ecology, 2011, 65, 143-157.	1.8	26
11	The photobiology of <i>Heterosigma akashiwo</i> . Photoacclimation, diurnal periodicity, and its ability to rapidly exploit exposure to high light. Journal of Phycology, 2013, 49, 349-360.	2.3	20
12	Asynchrony of <i>Gambierdiscus</i> spp. Abundance and Toxicity in the U.S. Virgin Islands: Implications for Monitoring and Management of Ciguatera. Toxins, 2021, 13, 413.	3.4	19
13	Seasonal Alternation Between Groundwater Discharge and Benthic Coupling as Nutrient Sources in a Shallow Coastal Lagoon. Estuaries and Coasts, 2014, 37, 925-940.	2.2	18
14	Basin-scale biogeography of marine phytoplankton reflects cellular-scale optimization of metabolism and physiology. Science Advances, 2022, 8, eabl4930.	10.3	16
15	Methodological biases in estimates of macroalgal macromolecular composition. Limnology and Oceanography: Methods, 2017, 15, 618-630.	2.0	12
16	Quantifying nutrient throughput and DOM production by algae in continuous culture. Journal of Theoretical Biology, 2020, 494, 110214.	1.7	7