

Brian E Lapointe

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68

papers

4,212

citations

37

h-index

64

g-index

69

ext. papers

4,774

ext. citations

5.2

avg, IF

5.65

L-index

#	Paper	IF	Citations
68	Nutrient thresholds for bottom-up control of macroalgal blooms on coral reefs in Jamaica and southeast Florida. <i>Limnology and Oceanography</i> , 1997 , 42, 1119-1131	4.8	405
67	Anthropogenic nutrient enrichment of seagrass and coral reef communities in the Lower Florida Keys: discrimination of local versus regional nitrogen sources. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 308, 23-58	2.1	193
66	Nutrient couplings between on-site sewage disposal systems, groundwaters, and nearshore surface waters of the Florida Keys. <i>Biogeochemistry</i> , 1990 , 10, 289-307	3.8	176
65	The great Atlantic belt. <i>Science</i> , 2019 , 365, 83-87	33.3	172
64	Nutrient inputs from the watershed and coastal eutrophication in the Florida keys. <i>Estuaries and Coasts</i> , 1992 , 15, 465		163
63	Macroalgal blooms on southeast Florida coral reefs. <i>Harmful Algae</i> , 2005 , 4, 1106-1122	5.3	155
62	Experimental outdoor studies with <i>Ulva fasciata</i> Delile. I. Interaction of light and nitrogen on nutrient uptake, growth, and biochemical composition. <i>Journal of Experimental Marine Biology and Ecology</i> , 1981 , 53, 135-152	2.1	150
61	Nutrient availability to marine macroalgae in siliciclastic versus carbonate-rich coastal waters. <i>Estuaries and Coasts</i> , 1992 , 15, 75		137
60	BIOCHEMICAL STRATEGIES FOR GROWTH OF GRACILARIA TIKVAHIAE (RHODOPHYTA) IN RELATION TO LIGHT INTENSITY AND NITROGEN AVAILABILITY ¹ . <i>Journal of Phycology</i> , 1984 , 20, 488-495 ³		137
59	Evidence of sewage-driven eutrophication and harmful algal blooms in Florida's Indian River Lagoon. <i>Harmful Algae</i> , 2015 , 43, 82-102	5.3	136
58	Some aspects of the growth and yield of <i>Gracilaria tikvahiae</i> in culture. <i>Aquaculture</i> , 1978 , 15, 185-193	4.4	119
57	Physical models of integrated waste recycling- marine polyculture systems. <i>Aquaculture</i> , 1975 , 5, 163-174	4.4	117
56	THE EFFECTS OF LIGHT AND NITROGEN ON GROWTH, PIGMENT CONTENT, AND BIOCHEMICAL COMPOSITION OF GRACILARIA FOLIIFERA V. ANGUSTISSIMA (GIGARTINALES, RHODOPHYTA) ¹ . <i>Journal of Phycology</i> , 1981 , 17, 90-95	3	113
55	Nutrient-enhanced growth of <i>Cladophora prolifera</i> in harrington sound, bermuda: Eutrophication of a confined, phosphorus-limited marine ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 1989 , 28, 347-360	3.0	107
54	Simultaneous top-down and bottom-up forces control macroalgal blooms on coral reefs (Reply to the comment by Hughes et al.). <i>Limnology and Oceanography</i> , 1999 , 44, 1586-1592	4.8	100
53	The use of delta(15)N in assessing sewage stress on coral reefs. <i>Marine Pollution Bulletin</i> , 2009 , 58, 793-802	8.7	99
52	Macroalgal blooms on southeast Florida coral reefs. <i>Harmful Algae</i> , 2005 , 4, 1092-1105	5.3	90

51	Sunlight and water transparency: cornerstones in coral research. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 268, 171-183	2.1	89
50	The relative importance of nutrient enrichment and herbivory on macroalgal communities near Norman's Pond Cay, Exumas Cays, Bahamas: a natural enrichment experiment. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 298, 275-301	2.1	77
49	Drift rhodophyte blooms emerge in Lee County, Florida, USA: Evidence of escalating coastal eutrophication. <i>Harmful Algae</i> , 2007 , 6, 421-437	5.3	72
48	Strategies for pulsed nutrient supply to <i>Gracilaria</i> cultures in the Florida Keys: Interactions between concentration and frequency of nutrient pulses. <i>Journal of Experimental Marine Biology and Ecology</i> , 1985 , 93, 211-222	2.1	72
47	Nitrogen enrichment, altered stoichiometry, and coral reef decline at Looe Key, Florida Keys, USA: a 3-decade study. <i>Marine Biology</i> , 2019 , 166, 1	2.5	70
46	A comparison of nutrient-limited productivity in macroalgae from a Caribbean barrier reef and from a mangrove ecosystem. <i>Aquatic Botany</i> , 1987 , 28, 243-255	1.8	70
45	Effects of stormwater nutrient discharges on eutrophication processes in nearshore waters of the Florida keys. <i>Estuaries and Coasts</i> , 1996 , 19, 422		68
44	A comparison of nutrient- and light-limited photosynthesis in psammophytic versus epilithic forms of <i>Halimeda</i> (Caulerpales, Halimedaceae) from the Bahamas. <i>Coral Reefs</i> , 1988 , 6, 219-225	4.2	65
43	The mass outdoor culture of macroscopic marine algae. <i>Aquaculture</i> , 1976 , 8, 9-21	4.4	65
42	Land-based nutrient enrichment of the Buccoo Reef Complex and fringing coral reefs of Tobago, West Indies. <i>Marine Pollution Bulletin</i> , 2010 , 60, 334-43	6.7	57
41	A comparison of nutrient-limited productivity in <i>Sargassum natans</i> from neritic vs. oceanic waters of the western North Atlantic Ocean. <i>Limnology and Oceanography</i> , 1995 , 40, 625-633	4.8	57
40	Ecology and nutrition of invasive <i>Caulerpa brachypus</i> f. <i>parvifolia</i> blooms on coral reefs off southeast Florida, U.S.A.. <i>Harmful Algae</i> , 2010 , 9, 1-12	5.3	56
39	Ryther revisited: nutrient excretions by fishes enhance productivity of pelagic <i>Sargassum</i> in the western North Atlantic Ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014 , 458, 46-56	2.1	54
38	Assessment of satellite-derived diffuse attenuation coefficients and euphotic depths in south Florida coastal waters. <i>Remote Sensing of Environment</i> , 2013 , 131, 38-50	13.2	54
37	Sustained high yields of <i>Gracilaria</i> (Rhodophyta) grown in intensive large-scale culture. <i>Journal of Applied Phycology</i> , 1999 , 11, 143-147	3.2	53
36	Evidence of large-scale chronic eutrophication in the Great Barrier Reef: quantification of chlorophyll a thresholds for sustaining coral reef communities. <i>Ambio</i> , 2014 , 43, 361-76	6.5	51
35	<i>Sargassum</i> Watch Warns of Incoming Seaweed. <i>Eos</i> , 2016 , 97,	1.5	44
34	Use of Landsat data to track historical water quality changes in Florida Keys marine environments. <i>Remote Sensing of Environment</i> , 2014 , 140, 485-496	13.2	41

33	Remote Sensing of Sargassum Biomass, Nutrients, and Pigments. <i>Geophysical Research Letters</i> , 2018 , 45, 12,359-12,367	4.9	38
32	Reevaluation of ENCORE: support for the eutrophication threshold model for coral reefs. <i>Ambio</i> , 2007 , 36, 416-24	6.5	38
31	Septic systems contribute to nutrient pollution and harmful algal blooms in the St. Lucie Estuary, Southeast Florida, USA. <i>Harmful Algae</i> , 2017 , 70, 1-22	5.3	37
30	Stormwater nutrient inputs favor growth of non-native macroalgae (Rhodophyta) on Oāhu, Hawaiian Islands. <i>Harmful Algae</i> , 2011 , 10, 310-318	5.3	36
29	Phosphorus-limited photosynthesis and growth of <i>Sargassum natans</i> and <i>Sargassum fluitans</i> (Phaeophyceae) in the western North Atlantic. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986 , 33, 391-399		35
28	Experimental outdoor studies with <i>Ulva fasciata</i> delile. II. Trace metal chemistry. <i>Journal of Experimental Marine Biology and Ecology</i> , 1981 , 54, 1-11	2.1	32
27	Dietary nitrogen availability in macroalgae enhances growth of the sea hare <i>Aplysia californica</i> (Opisthobranchia: Anaspidea). <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 303, 65-78	2.1	27
26	Nitrogen isotopic records of terrestrial pollution encoded in Floridian and Bahamian gorgonian corals. <i>Environmental Science & Technology</i> , 2010 , 44, 874-80	10.3	25
25	Nutrient over-enrichment and light limitation of seagrass communities in the Indian River Lagoon, an urbanized subtropical estuary. <i>Science of the Total Environment</i> , 2020 , 699, 134068	10.2	25
24	Responses of photosynthesis, respiration, growth and cellular constituents to hypo-osmotic shock in the red alga <i>Gracilaria tikvahiae</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1984 , 77, 127-132		24
23	Satellite-Observed Black Water Events off Southwest Florida: Implications for Coral Reef Health in the Florida Keys National Marine Sanctuary. <i>Remote Sensing</i> , 2013 , 5, 415-431	5	20
22	Effects of Hurricanes, Land Use, and Water Management on Nutrient and Microbial Pollution: St. Lucie Estuary, Southeast Florida. <i>Journal of Coastal Research</i> , 2012 , 285, 1345-1361	0.6	18
21	Hurricanes Frances and Jeanne remove blooms of the invasive green alga <i>Caulerpa brachypus</i> form <i>parvifolia</i> (Harvey) <i>cribb</i> from coral reefs off Northern Palm Beach County, Florida. <i>Estuaries and Coasts</i> , 2006 , 29, 966-971	2.8	18
20	Comparative ecophysiology of bloom-forming macroalgae in the Indian River Lagoon, Florida: <i>Ulva lactuca</i> , <i>Hypnea musciformis</i> , and <i>Gracilaria tikvahiae</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2015 , 471, 208-216	2.1	16
19	Comment on J. C. Zieman, J. W. Fourqurean, and T. A. Frankovich. 1999. Seagrass Dieoff in Florida Bay: Long-term trends in abundance and growth of turtle grass, <i>Thalassia testudinum</i> . <i>Estuaries</i> 22:460-470. <i>Estuaries and Coasts</i> , 2004 , 27, 157-164		15
18	Nutrient content and stoichiometry of pelagic <i>Sargassum</i> reflects increasing nitrogen availability in the Atlantic Basin. <i>Nature Communications</i> , 2021 , 12, 3060	17.4	15
17	Effects of tidal periodicities and diurnal foraging constraints on the density of foraging wading birds Efecto de la periodicidad de la marea y de las restricciones alimentarias diurnas sobre la densidad de aves acuáticas que forrajearon Effect of tides on foraging wading birds. <i>Auk</i> , 2016 , 133, 378-396	2.1	14
16	Phosphorus-rich waters at Glovers Reef, Belize?. <i>Marine Pollution Bulletin</i> , 2004 , 48, 193-5; author reply 196-9	6.7	12

LIST OF PUBLICATIONS

15	THE EFFECTS OF LIGHT AND NITROGEN ON GROWTH, PIGMENT CONTENT, AND BIOCHEMICAL COMPOSITION OF GRACILARIA FOLIIFERA V. ANGUSTISSIMA (GIGARTINALES, RHODOPHYTA). <i>Journal of Phycology</i> , 1981 , 17, 90-95	3	12
14	Winter Nutrient Pulse and Seagrass Epiphyte Bloom: Evidence of Anthropogenic Enrichment or Natural Fluctuations in the Lower Florida Keys?. <i>Estuaries and Coasts</i> , 2015 , 38, 1854-1871	2.8	9
13	Harmful Macroalgal Blooms in a Changing World: Causes, Impacts, and Management 2018 , 515-560		9
12	The effects of herbivore exclusion and nutrient enrichment on growth and reproduction of <i>Halimeda macroloba</i> . <i>ScienceAsia</i> , 2012 , 38, 227	1.4	8
11	Landscape modification and nutrient-driven instability at a distance. <i>Ecology Letters</i> , 2021 , 24, 398-414	10	8
10	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 3646-3659	4.7	7
9	On the Atlantic pelagic Sargassum's role in carbon fixation and sequestration. <i>Science of the Total Environment</i> , 2021 , 781, 146801	10.2	7
8	Dynamics of microcystins and saxitoxin in the Indian River Lagoon, Florida. <i>Harmful Algae</i> , 2021 , 103, 102012	5.3	5
7	Response to "selective evidence of eutrophication in the great barrier reef" by furnas et Al. <i>Ambio</i> , 2014 , 43, 379-80	6.5	4
6	Effects of nutrient enrichment and herbivory on morphology, reproduction and chemical content of <i>Turbinaria conoides</i> (Phaeophyceae). <i>Phycological Research</i> , 2013 , 61, 270-276	1.3	4
5	Relative effects of physical and small-scale nutrient factors on the distribution of tropical seagrasses in the Great White Heron National Wildlife Refuge, Lower Florida Keys. <i>Aquatic Botany</i> , 2015 , 124, 45-53	1.8	3
4	Sound science, not politics, must inform restoration of Florida Bay and the coral reefs of the Florida Keys. <i>Marine Biology</i> , 2020 , 167, 1	2.5	3
3	Macroalgae reveal nitrogen enrichment and elevated N:P ratios on the Belize Barrier Reef. <i>Marine Pollution Bulletin</i> , 2021 , 171, 112686	6.7	2
2	IN MEMORIAM JOHN HOOD RYTHER 1922-2006. <i>Journal of Shellfish Research</i> , 2007 , 26, 895-903	1	1
1	Septic system-groundwater-surface water couplings in waterfront communities contribute to harmful algal blooms in Southwest Florida.. <i>Science of the Total Environment</i> , 2022 , 155319	10.2	1