Brian E Lapointe

List of Publications by Year in Descending Order

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	Septic system-groundwater-surface water couplings in waterfront communities contribute to harmful algal blooms in Southwest Florida.. *Science of the Total Environment*, **2022**, 155319	10.2	1
67	Dynamics of microcystins and saxitoxin in the Indian River Lagoon, Florida. *Harmful Algae*, **2021**, 103, 102012	5.3	5
66	Nutrient content and stoichiometry of pelagic Sargassum reflects increasing nitrogen availability in the Atlantic Basin. *Nature Communications*, **2021**, 12, 3060	17.4	15
65	Landscape modification and nutrient-driven instability at a distance. *Ecology Letters*, **2021**, 24, 398-414	10	8
64	On the Atlantic pelagic Sargassum's role in carbon fixation and sequestration. *Science of the Total Environment*, **2021**, 781, 146801	10.2	7
63	Macroalgae reveal nitrogen enrichment and elevated N:P ratios on the Belize Barrier Reef. *Marine Pollution Bulletin*, **2021**, 171, 112686	6.7	2
62	Sound science, not politics, must inform restoration of Florida Bay and the coral reefs of the Florida Keys. *Marine Biology*, **2020**, 167, 1	2.5	3
61	Nutrient over-enrichment and light limitation of seagrass communities in the Indian River Lagoon, an urbanized subtropical estuary. *Science of the Total Environment*, **2020**, 699, 134068	10.2	25
60	Nitrogen enrichment, altered stoichiometry, and coral reef decline at Looe Key, Florida Keys, USA: a 3-decade study. *Marine Biology*, **2019**, 166, 1	2.5	70
59	The great Atlantic belt. *Science*, **2019**, 365, 83-87	33.3	172
58	Remote Sensing of Sargassum Biomass, Nutrients, and Pigments. *Geophysical Research Letters*, **2018**, 45, 12,359-12,367	4.9	38
57	Harmful Macroalgal Blooms in a Changing World: Causes, Impacts, and Management **2018**, 515-560		9
56	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2018**, 11, 3646-3659	4.7	7
55	Septic systems contribute to nutrient pollution and harmful algal blooms in the St. Lucie Estuary, Southeast Florida, USA. *Harmful Algae*, **2017**, 70, 1-22	5.3	37
54	Effects of tidal periodicities and diurnal foraging constraints on the density of foraging wading birdsEfecto de la periodicidad de la marea y de las restricciones alimentarias diurnas sobre la densidad de aves acuticas que forrajeanEffect of tides on foraging wading birds. *Auk*, **2016**, 133, 378-396	2.1	14
53	Sargassum Watch Warns of Incoming Seaweed. *Eos*, **2016**, 97,	1.5	44
52	Winter Nutrient Pulse and Seagrass Epiphyte Bloom: Evidence of Anthropogenic Enrichment or Natural Fluctuations in the Lower Florida Keys?. *Estuaries and Coasts*, **2015**, 38, 1854-1871	2.8	9

51	Comparative ecophysiology of bloom-forming macroalgae in the Indian River Lagoon, Florida: Ulva lactuca , Hypnea musciformis , and Gracilaria tikvahiae. *Journal of Experimental Marine Biology and Ecology*, **2015**, 471, 208-216	2.1	16
50	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. *Aquatic Botany*, **2015**, 124, 45-53	1.8	3
49	Evidence of sewage-driven eutrophication and harmful algal blooms in Florida's Indian River Lagoon. *Harmful Algae*, **2015**, 43, 82-102	5.3	136
48	Response to "selective evidence of eutrophication in the great barrier reef" by furnas et Al. *Ambio*, **2014**, 43, 379-80	6.5	4
47	Use of Landsat data to track historical water quality changes in Florida Keys marine environments. *Remote Sensing of Environment*, **2014**, 140, 485-496	13.2	41
46	Evidence of large-scale chronic eutrophication in the Great Barrier Reef: quantification of chlorophyll a thresholds for sustaining coral reef communities. *Ambio*, **2014**, 43, 361-76	6.5	51
45	Ryther revisited: nutrient excretions by fishes enhance productivity of pelagic Sargassum in the western North Atlantic Ocean. *Journal of Experimental Marine Biology and Ecology*, **2014**, 458, 46-56	2.1	54
44	Assessment of satellite-derived diffuse attenuation coefficients and euphotic depths in south Florida coastal waters. *Remote Sensing of Environment*, **2013**, 131, 38-50	13.2	54
43	Effects of nutrient enrichment and herbivory on morphology, reproduction and chemical content of Turbinaria conoides (Phaeophyceae). *Phycological Research*, **2013**, 61, 270-276	1.3	4
42	Satellite-Observed Black Water Events off Southwest Florida: Implications for Coral Reef Health in the Florida Keys National Marine Sanctuary. *Remote Sensing*, **2013**, 5, 415-431	5	20
41	Effects of Hurricanes, Land Use, and Water Management on Nutrient and Microbial Pollution: St. Lucie Estuary, Southeast Florida. *Journal of Coastal Research*, **2012**, 285, 1345-1361	0.6	18
40	The effects of herbivore exclusion and nutrient enrichment on growth and reproduction of Halimeda macroloba. *ScienceAsia*, **2012**, 38, 227	1.4	8
39	Stormwater nutrient inputs favor growth of non-native macroalgae (Rhodophyta) on Oahu, Hawaiian Islands. *Harmful Algae*, **2011**, 10, 310-318	5.3	36
38	Ecology and nutrition of invasive Caulerpa brachypus f. parvifolia blooms on coral reefs off southeast Florida, U.S.A.. *Harmful Algae*, **2010**, 9, 1-12	5.3	56
37	Nitrogen isotopic records of terrestrial pollution encoded in Floridian and Bahamian gorgonian corals. *Environmental Science & Technology*, **2010**, 44, 874-80	10.3	25
36	Land-based nutrient enrichment of the Buccoo Reef Complex and fringing coral reefs of Tobago, West Indies. *Marine Pollution Bulletin*, **2010**, 60, 334-43	6.7	57
35	The use of delta(15)N in assessing sewage stress on coral reefs. *Marine Pollution Bulletin*, **2009**, 58, 793-802	8.7	99
34	Drift rhodophyte blooms emerge in Lee County, Florida, USA: Evidence of escalating coastal eutrophication. *Harmful Algae*, **2007**, 6, 421-437	5.3	72

33	Reevaluation of ENCORE: support for the eutrophication threshold model for coral reefs. *Ambio*, **2007**, 36, 416-24	6.5	38
32	IN MEMORIAM JOHN HOOD RYTHER 1922-2006. *Journal of Shellfish Research*, **2007**, 26, 895-903	1	1
31	Hurricanes Frances and Jeanne remove blooms of the invasive green algaCaulerpa brachypus formaparvifolia (Harvey) cribb from coral reefs off Northern Palm Beach County, Florida. *Estuaries and Coasts*, **2006**, 29, 966-971	2.8	18
30	Macroalgal blooms on southeast Florida coral reefs. *Harmful Algae*, **2005**, 4, 1106-1122	5.3	155
29	Macroalgal blooms on southeast Florida coral reefs. *Harmful Algae*, **2005**, 4, 1092-1105	5.3	90
28	Dietary nitrogen availability in macroalgae enhances growth of the sea hare Aplysia californica (Opisthobranchia: Anaspidea). *Journal of Experimental Marine Biology and Ecology*, **2004**, 303, 65-78	2.1	27
27	Anthropogenic nutrient enrichment of seagrass and coral reef communities in the Lower Florida Keys: discrimination of local versus regional nitrogen sources. *Journal of Experimental Marine Biology and Ecology*, **2004**, 308, 23-58	2.1	193
26	Phosphorus-rich waters at Glovers Reef, Belize?. *Marine Pollution Bulletin*, **2004**, 48, 193-5; author reply 196-9	6.7	12
25	The relative importance of nutrient enrichment and herbivory on macroalgal communities near Norman's Pond Cay, Exumas Cays, Bahamas: a "natural" enrichment experiment. *Journal of Experimental Marine Biology and Ecology*, **2004**, 298, 275-301	2.1	77
24	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,Thalassia testudinum. Estuaries 22:460–470. *Estuaries and Coasts*, **2004**, 27, 157-164		15
23	Sunlight and water transparency: cornerstones in coral research. *Journal of Experimental Marine Biology and Ecology*, **2002**, 268, 171-183	2.1	89
22	Simultaneous top-down and bottom-up forces control macroalgal blooms on coral reefs (Reply to the comment by Hughes et al.). *Limnology and Oceanography*, **1999**, 44, 1586-1592	4.8	100
21	Sustained high yields of Gracilaria (Rhodophyta) grown in intensive large-scale culture. *Journal of Applied Phycology*, **1999**, 11, 143-147	3.2	53
20	Nutrient thresholds for bottom-up control of macroalgal blooms on coral reefs in Jamaica and southeast Florida. *Limnology and Oceanography*, **1997**, 42, 1119-1131	4.8	405
19	Effects of stormwater nutrient discharges on eutrophication processes in nearshore waters of the Florida keys. *Estuaries and Coasts*, **1996**, 19, 422		68
18	A comparison of nutrient-limited productivity in Sargassum natans from neritic vs. oceanic waters of the western North Atlantic Ocean. *Limnology and Oceanography*, **1995**, 40, 625-633	4.8	57
17	Nutrient inputs from the watershed and coastal eutrophication in the Florida keys. *Estuaries and Coasts*, **1992**, 15, 465		163
16	Nutrient availability to marine macroalgae in siliciclastic versus carbonate-rich coastal waters. *Estuaries and Coasts*, **1992**, 15, 75		137

15	Nutrient couplings between on-site sewage disposal systems, groundwaters, and nearshore surface waters of the Florida Keys. *Biogeochemistry*, **1990**, 10, 289-307	3.8	176
14	Nutrient-enhanced growth of Cladophora prolifera in harrington sound, bermuda: Eutrophication of a confined, phosphorus-limited marine ecosystem. *Estuarine, Coastal and Shelf Science*, **1989**, 28, 347-360	2.9	107
13	A comparison of nutrient- and light-limited photosynthesis in psammophytic versus epilithic forms of Halimeda (Caulerpales, Halimedaceae) from the Bahamas. *Coral Reefs*, **1988**, 6, 219-225	4.2	65
12	A comparison of nutrient-limited productivity in macroalgae from a Caribbean barrier reef and from a mangrove ecosystem. *Aquatic Botany*, **1987**, 28, 243-255	1.8	70
11	Phosphorus-limited photosynthesis and growth of Sargassum natans and Sargassum fluitans (Phaeophyceae) in the western North Atlantic. *Deep-sea Research Part A, Oceanographic Research Papers*, **1986**, 33, 391-399		35
10	Strategies for pulsed nutrient supply to Gracilaria cultures in the Florida Keys: Interactions between concentration and frequency of nutrient pulses. *Journal of Experimental Marine Biology and Ecology*, **1985**, 93, 211-222	2.1	72
9	BIOCHEMICAL STRATEGIES FOR GROWTH OF GRACILARIA TIKVAHIAE (RHODOPHYTA) IN RELATION TO LIGHT INTENSITY AND NITROGEN AVAILABILITY1. *Journal of Phycology*, **1984**, 20, 488-495	3	137
8	Responses of photosynthesis, respiration, growth and cellular constituents to hypo-osmotic shock in the red alga Gracilaria tikvahiae. *Comparative Biochemistry and Physiology A, Comparative Physiology*, **1984**, 77, 127-132		24
7	Experimental outdoor studies with Ulva fasciata Delile. I. Interaction of light and nitrogen on nutrient uptake, growth, and biochemical composition. *Journal of Experimental Marine Biology and Ecology*, **1981**, 53, 135-152	2.1	150
6	Experimental outdoor studies with ulva fasciata delile. II. Trace metal chemistry. *Journal of Experimental Marine Biology and Ecology*, **1981**, 54, 1-11	2.1	32
5	THE EFFECTS OF LIGHT AND NITROGEN ON GROWTH, PIGMENT CONTENT, AND BIOCHEMICAL COMPOSITION OF GRACILARIA FOLIIFERA V. ANGUSTISSIMA (GIGARTINALES, RHODOPHYTA)1. *Journal of Phycology*, **1981**, 17, 90-95	3	113
4	THE EFFECTS OF LIGHT AND NITROGEN ON GROWTH, PIGMENT CONTENT, AND BIOCHEMICAL COMPOSITION OF GRACILARIA FOLIIFERA V. ANGUSTISSIMA (GIGARTINALES, RHODOPHYTA)1. *Journal of Phycology*, **1981**, 17, 90-95	3	12
3	Some aspects of the growth and yield of Gracilaria tikvahiae in culture. *Aquaculture*, **1978**, 15, 185-193	4.4	119
2	The mass outdoor culture of macroscopic marine algae. *Aquaculture*, **1976**, 8, 9-21	4.4	65
1	Physical models of integrated waste recycling- marine polyculture systems. *Aquaculture*, **1975**, 5, 163-177	4.4	117