Brian E Lapointe

List of Publications by Year
in descending order

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67 papers	5,748 citations	66234 42 h-index	98622 67 g-index
69 all docs	69 docs citations	69 times ranked	4036 citing authors

#	Article	IF	Citations
1	Nutrient thresholds for bottomâ€up control of macroalgal blooms on coral reefs in Jamaica and southeast Florida. Limnology and Oceanography, 1997, 42, 1119-1131.	1.6	547
2	The great Atlantic Sargassum belt. Science, 2019, 365, 83-87.	6.0	353
3	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.	0.7	240
4	Nutrient couplings between on-site sewage disposal systems, groundwaters, and nearshore surface waters of the Florida Keys. Biogeochemistry, 1990, 10, 289-307.	1.7	220
5	Nutrient Inputs from the Watershed and Coastal Eutrophication in the Florida Keys. Estuaries and Coasts, 1992, 15, 465.	1.7	198
6	Evidence of sewage-driven eutrophication and harmful algal blooms in Florida's Indian River Lagoon. Harmful Algae, 2015, 43, 82-102.	2.2	194
7	Macroalgal blooms on southeast Florida coral reefs. Harmful Algae, 2005, 4, 1092-1105.	2.2	189
8	Macroalgal blooms on southeast Florida coral reefs. Harmful Algae, 2005, 4, 1106-1122.	2.2	186
9	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.	0.7	168
10	Nutrient Availability to Marine Macroalgae in Siliciclastic versus Carbonate-Rich Coastal Waters. Estuaries and Coasts, 1992, 15, 75.	1.7	168
11	BIOCHEMICAL STRATEGIES FOR GROWTH OF GRACILARIA TIKVAHIAE (RHODOPHYTA) IN RELATION TO LIGHT INTENSITY AND NITROGEN AVAILABILITY1. Journal of Phycology, 1984, 20, 488-495.	1.0	159
12	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.	0.9	146
13	Physical models of integrated waste recycling- marine polyculture systems. Aquaculture, 1975, 5, 163-177.	1.7	138
14	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.	1.0	130
15	Some aspects of the growth and yield of Gracilaria tikvahiae in culture. Aquaculture, 1978, 15, 185-193.	1.7	128
16	Simultaneous topâ€down and bottomâ€up forces control macroalgal blooms on coral reefs (Reply to the) Tj ETQq0 0 0 rgBT /Overlock	1.6	126
17	Nitrogen enrichment, altered stoichiometry, and coral reef decline at Looe Key, Florida Keys, USA: a 3-decade study. Marine Biology, 2019, 166, 1.	0.7	123
18	The use of Î´15N in assessing sewage stress on coral reefs. Marine Pollution Bulletin, 2009, 58, 793-802.	2.3	118

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19	Sunlight and water transparency: cornerstones in coral research. Journal of Experimental Marine Biology and Ecology, 2002, 268, 171-183.	0.7	111
20	The relative importance of nutrient enrichment and herbivory on macroalgal communities near Norman's Pond Cay, Exumas Cays, Bahamas: a â€œnaturalâ€•enrichment experiment. Journal of Experimental Marine Biology and Ecology, 2004, 298, 275-301.	0.7	91
21	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.	0.7	90
22	A comparison of nutrientâ€limited productivity in Sargassum natans from neritic vs. oceanic waters of the western North Atlantic Ocean. Limnology and Oceanography, 1995, 40, 625-633.	1.6	90
23	Drift rhodophyte blooms emerge in Lee County, Florida, USA: Evidence of escalating coastal eutrophication. Harmful Algae, 2007, 6, 421-437.	2.2	86
24	Effects of Stormwater Nutrient Discharges on Eutrophication Processes in Nearshore Waters of the Florida Keys. Estuaries and Coasts, 1996, 19, 422.	1.7	85
25	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.	0.7	85
26	A comparison of nutrient-limited productivity in macroalgae from a Caribbean barrier reef and from a mangrove ecosystem. Aquatic Botany, 1987, 28, 243-255.	0.8	83
27	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.	0.9	80
28	Evidence of Large-Scale Chronic Eutrophication in the Great Barrier Reef: Quantification of Chlorophyll a Thresholds for Sustaining Coral Reef Communities. Ambio, 2014, 43, 361-376.	2.8	73
29	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.	2.2	70
30	The mass outdoor culture of macroscopic marine algae. Aquaculture, 1976, 8, 9-21.	1.7	69
31	Remote Sensing of Sargassum Biomass, Nutrients, and Pigments. Geophysical Research Letters, 2018, 45, 12,359.	1.5	69
32	Sustained high yields of Gracilaria (Rhodophyta) grown in intensive large-scale culture. Journal of Applied Phycology, 1999, 11, 143-147.	1.5	67
33	Land-based nutrient enrichment of the Buccoo Reef Complex and fringing coral reefs of Tobago, West Indies. Marine Pollution Bulletin, 2010, 60, 334-343.	2.3	66
34	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.	3.9	65
35	Nutrient content and stoichiometry of pelagic Sargassum reflects increasing nitrogen availability in the Atlantic Basin. Nature Communications, 2021, 12, 3060.	5.8	65
36	Septic systems contribute to nutrient pollution and harmful algal blooms in the St. Lucie Estuary, Southeast Florida, USA. Harmful Algae, 2017, 70, 1-22.	2.2	63

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37	Assessment of satellite-derived diffuse attenuation coefficients and euphotic depths in south Florida coastal waters. Remote Sensing of Environment, 2013, 131, 38-50.	4.6	62
38	Sargassum Watch Warns of Incoming Seaweed. Eos, 2016, 97, .	0.1	58
39	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.	1.6	53
40	Use of Landsat data to track historical water quality changes in Florida Keys marine environments. Remote Sensing of Environment, 2014, 140, 485-496.	4.6	51
41	Reevaluation of ENCORE: Support for the Eutrophication Threshold Model for Coral Reefs. Ambio, 2007, 36, 416-424.	2.8	50
42	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.	1.0	44
43	Stormwater nutrient inputs favor growth of non-native macroalgae (Rhodophyta) on Oâ€™ahu, Hawaiian Islands. Harmful Algae, 2011, 10, 310-318.	2.2	43
44	Experimental outdoor studies with ulva fasciata delile. II. Trace metal chemistry. Journal of Experimental Marine Biology and Ecology, 1981, 54, 1-11.	0.7	38
45	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.	0.7	38
46	Landscape modification and nutrientâ€driven instability at a distance. Ecology Letters, 2021, 24, 398-414.	3.0	30
47	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.	0.7	27
48	Nitrogen Isotopic Records of Terrestrial Pollution Encoded in Floridian and Bahamian Gorgonian Corals. Environmental Science & Technology, 2010, 44, 874-880.	4.6	27
49	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.	0.1	26
50	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.	1.8	26
51	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.	1.0	23
52	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.	0.7	23
53	On the Atlantic pelagic Sargassum's role in carbon fixation and sequestration. Science of the Total Environment, 2021, 781, 146801.	3.9	21
54	Macroalgae reveal nitrogen enrichment and elevated N:P ratios on the Belize Barrier Reef. Marine Pollution Bulletin, 2021, 171, 112686.	2.3	19

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55	Dynamics of microcystins and saxitoxin in the Indian River Lagoon, Florida. Harmful Algae, 2021, 103, 102012.	2.2	18
56	Effects of tidal periodicities and diurnal foraging constraints on the density of foraging wading birds. Auk, 2016, 133, 378-396.	0.7	17
57	Septic systemâ€“groundwaterâ€“surface water couplings in waterfront communities contribute to harmful algal blooms in Southwest Florida. Science of the Total Environment, 2022, 837, 155319.	3.9	17
58	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 22:460â€“470. Estuaries and Coasts, 2004, 27, 157-164.	1.7	16
59	Phosphorus-rich waters at Glovers Reef, Belize?. Marine Pollution Bulletin, 2004, 48, 193-195.	2.3	14
60	Characterizing a Sea Turtle Developmental Habitat Using Landsat Observations of Surface-Pelagic Drift Communities in the Eastern Gulf of Mexico. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3646-3659.	2.3	11
61	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.	1.0	10
62	The effects of herbivore exclusion and nutrient enrichment on growth and reproduction of Halimeda macroloba. ScienceAsia, 2012, 38, 227.	0.2	8
63	Effects of nutrient enrichment and herbivory on morphology, reproduction and chemical content of <scp>T</scp>urbinaria conoides (<scp>P</scp>haeophyceae). Phycological Research, 2013, 61, 270-276.	0.8	5
64	Response to â€œSelective Evidence of Eutrophication in the Great Barrier Reefâ€•by Furnas et al.. Ambio, 2014, 43, 379-380.	2.8	5
65	Sound science, not politics, must inform restoration of Florida Bay and the coral reefs of the Florida Keys. Marine Biology, 2020, 167, 1.	0.7	4
66	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.	0.8	3
67	IN MEMORIAM JOHN HOOD RYTHER 1922-2006. Journal of Shellfish Research, 2007, 26, 895-903.	0.3	1