

James J Leichter

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,870
citations

361413

20
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

2040
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecology of mesophotic coral reefs. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 375, 1-8.	1.5	410
2	Episodic nutrient transport to Florida coral reefs. <i>Limnology and Oceanography</i> , 2003, 48, 1394-1407.	3.1	218
3	Pulsed delivery of subthermocline water to Conch Reef (Florida Keys) by internal tidal bores. <i>Limnology and Oceanography</i> , 1996, 41, 1490-1501.	3.1	210
4	Episodic circulation and exchange in a wave-driven coral reef and lagoon system. <i>Limnology and Oceanography</i> , 2008, 53, 2681-2694.	3.1	185
5	Heat accumulation on coral reefs mitigated by internal waves. <i>Nature Geoscience</i> , 2020, 13, 28-34.	12.9	97
6	Variation beneath the surface: Quantifying complex thermal environments on coral reefs in the Caribbean, Bahamas and Florida. <i>Journal of Marine Research</i> , 2006, 64, 563-588.	0.3	93
7	Chronic parrotfish grazing impedes coral recovery after bleaching. <i>Coral Reefs</i> , 2006, 25, 361-368.	2.2	74
8	Physical and biological processes underlying the sudden surface appearance of a red tide in the nearshore. <i>Limnology and Oceanography</i> , 2011, 56, 787-801.	3.1	56
9	Predicting high-frequency upwelling: Spatial and temporal patterns of temperature anomalies on a Florida coral reef. <i>Continental Shelf Research</i> , 1999, 19, 911-928.	1.8	51
10	Response diversity in corals: hidden differences in bleaching mortality among cryptic <i>Pocillopora</i> species. <i>Ecology</i> , 2021, 102, e03324.	3.2	46
11	Nitrogen and oxygen isotopic signatures of subsurface nitrate seaward of the Florida Keys reef tract. <i>Limnology and Oceanography</i> , 2007, 52, 1258-1267.	3.1	39
12	Assessment of Submarine Groundwater Discharge (SGD) as a Source of Dissolved Radium and Nutrients to Moorea (French Polynesia) Coastal Waters. <i>Estuaries and Coasts</i> , 2016, 39, 1651-1668.	2.2	38
13	Upwelling buffers climate change impacts on coral reefs of the eastern tropical Pacific. <i>Ecology</i> , 2020, 101, e02918.	3.2	36
14	The island-scale internal wave climate of Moorea, French Polynesia. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	34
15	Contribution of sea ice microbial production to Antarctic benthic communities is driven by sea ice dynamics and composition of functional guilds. <i>Global Change Biology</i> , 2018, 24, 3642-3653.	9.5	31
16	Benthic responses to an Antarctic regime shift: food particle size and recruitment biology. <i>Ecological Applications</i> , 2019, 29, e01823.	3.8	30
17	Ecological and genetic variation in reef-building corals on four Society Islands. <i>Limnology and Oceanography</i> , 2016, 61, 543-557.	3.1	27
18	Cross-shelf transport of sub-thermocline nitrate by the internal tide and rapid (3-6h) incorporation by an inshore macroalga. <i>Continental Shelf Research</i> , 2012, 42, 10-19.	1.8	25

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19	Effects of western boundary current dynamics on the internal wave field of the Southeast Florida shelf. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
20	Bleaching of the giant barrel sponge <i>Xestospongia muta</i> in the Florida Keys. <i>Limnology and Oceanography</i> , 2011, 56, 2243-2250.	3.1	23
21	An Island Mass Effect Resolved Near Moorea, French Polynesia. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	17
22	Niche differences in co-occurring cryptic coral species (<i>Pocillopora</i> spp.). <i>Coral Reefs</i> , 2022, 41, 767-778.	2.2	17
23	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. <i>GigaScience</i> , 2016, 5, 14.	6.4	15
24	Spatial scale-dependent vertical zonation of coral reef community structure in French Polynesia. <i>Ecosphere</i> , 2016, 7, e01342.	2.2	13
25	Upwelling and the persistence of coral reef frameworks in the eastern tropical Pacific. <i>Ecological Monographs</i> , 2021, 91, e01482.	5.4	11
26	Temperature variability and algal isotopic heterogeneity on a Floridian coral reef. <i>Marine Ecology</i> , 2011, 32, 364-379.	1.1	9
27	Non-random feeding enhances the contribution of oceanic zooplankton to the diet of the planktivorous coral reef fish <i>Dascyllus flavicaudus</i> . <i>Marine Biology</i> , 2016, 163, 1.	1.5	8
28	Penguins and Seals Transport Limiting Nutrients Between Offshore Pelagic and Coastal Regions of Antarctica Under Changing Sea Ice. <i>Ecosystems</i> , 2021, 24, 1203-1221.	3.4	8
29	Influence of bubbles and sand on chlorophyll-a fluorescence measurements in the surfzone. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 354-362.	2.0	6
30	Regional synchrony of temperature variation and internal wave forcing along the Florida Keys reef tract. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 548-558.	2.6	6
31	Fluctuating thermal environments of shallow-water rocky reefs in the Gulf of California, Mexico. <i>Scientific Reports</i> , 2019, 9, 18022.	3.3	4
32	High resolution spatiotemporal patterns of seawater temperatures across the Belize Mesoamerican Barrier Reef. <i>Scientific Data</i> , 2020, 7, 396.	5.3	4
33	Imprint of Regional Oceanography on Foraminifera of Eastern Pacific Coral Reefs. <i>Journal of Foraminiferal Research</i> , 2020, 50, 279-290.	0.5	3
34	Spatial variations in the stable isotope composition of the benthic algae, <i>Halimeda tuna</i> , and implications for paleothermometry. <i>Scientific Reports</i> , 2020, 10, 16276.	3.3	2