

Andrew A Shantz

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,442
citations

331259

21
h-index

433756

31
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35
all docs

35
docs citations

35
times ranked

2610
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen Identity Drives Differential Impacts of Nutrients on Coral Bleaching and Mortality. <i>Ecosystems</i> , 2020, 23, 798-811.	1.6	72
2	Overfishing and the ecological impacts of extirpating large parrotfish from Caribbean coral reefs. <i>Ecological Monographs</i> , 2020, 90, e01403.	2.4	51
3	Coral Microbiomes Demonstrate Flexibility and Resilience Through a Reduction in Community Diversity Following a Thermal Stress Event. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	34
4	Trophic interactions in coral reef restoration: A review. <i>Food Webs</i> , 2020, 24, e00149.	0.5	16
5	Nitrogen pollution interacts with heat stress to increase coral bleaching across the seascape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5351-5357.	3.3	112
6	Macroborer presence on corals increases with nutrient input and promotes parrotfish bioerosion. <i>Coral Reefs</i> , 2020, 39, 409-418.	0.9	15
7	Molecular tools for coral reef restoration: Beyond biomarker discovery. <i>Conservation Letters</i> , 2020, 13, e12687.	2.8	44
8	Phylogenetic, genomic, and biogeographic characterization of a novel and ubiquitous marine invertebrate-associated Rickettsiales parasite, <i>Candidatus Aquarickettsia rohweri</i> , gen. nov., sp. nov. <i>ISME Journal</i> , 2019, 13, 2938-2953.	4.4	82
9	Considerations for maximizing the adaptive potential of restored coral populations in the western Atlantic. <i>Ecological Applications</i> , 2019, 29, e01978.	1.8	163
10	Newly dominant benthic invertebrates reshape competitive networks on contemporary Caribbean reefs. <i>Coral Reefs</i> , 2019, 38, 1317-1328.	0.9	10
11	Near-term impacts of coral restoration on target species, coral reef community structure, and ecological processes. <i>Restoration Ecology</i> , 2019, 27, 1166-1176.	1.4	30
12	Coral epigenetic responses to nutrient stress: Histone H2A.X phosphorylation dynamics and DNA methylation in the staghorn coral <i>Acropora cervicornis</i> . <i>Ecology and Evolution</i> , 2018, 8, 12193-12207.	0.8	44
13	Effects of predation and nutrient enrichment on the success and microbiome of a foundational coral. <i>Ecology</i> , 2017, 98, 830-839.	1.5	68
14	Algal nitrogen and phosphorus content drive inter- and intraspecific differences in herbivore grazing on a Caribbean reef. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 497, 164-171.	0.7	16
15	Seasonal recruitment and survival strategies of <i>Palisada cervicornis</i> comb. nov. (Ceramiales). <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 497, 164-171.	0.7	16
16	Fishing, pollution, climate change, and the long-term decline of coral reefs off Havana, Cuba. <i>Bulletin of Marine Science</i> , 2017, .	0.4	18
17	Thermal stress reveals a genotype-specific tradeoff between growth and tissue loss in restored <i>Acropora cervicornis</i> . <i>Marine Ecology - Progress Series</i> , 2017, 572, 129-139.	0.9	47
18	Density Dependence Drives Habitat Production and Survivorship of <i>Acropora cervicornis</i> Used for Restoration on a Caribbean Coral Reef. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	27

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19	Increased temperature causes protein limitation by reducing the efficiency of nitrogen digestion in the ectothermic herbivore <i>Spodoptera exigua</i> . <i>Physiological Entomology</i> , 2016, 41, 143-151.	0.6	23
20	Novel enemies – previously unknown predators of the bearded fireworm. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 342-343.	1.9	16
21	Nutrient loading alters the performance of key nutrient exchange mutualisms. <i>Ecology Letters</i> , 2016, 19, 20-28.	3.0	84
22	Overfishing and nutrient pollution interact with temperature to disrupt coral reefs down to microbial scales. <i>Nature Communications</i> , 2016, 7, 11833.	5.8	417
23	Is a community still a community? Reviewing definitions of key terms in community ecology. <i>Ecology and Evolution</i> , 2015, 5, 4757-4765.	0.8	94
24	Fish-derived nutrient hotspots shape coral reef benthic communities. <i>Ecological Applications</i> , 2015, 25, 2142-2152.	1.8	88
25	Context-dependent effects of nutrient loading on the coral-algal mutualism. <i>Ecology</i> , 2014, 95, 1995-2005.	1.5	119
26	Chronic nutrient enrichment increases prevalence and severity of coral disease and bleaching. <i>Global Change Biology</i> , 2014, 20, 544-554.	4.2	421
27	Predation risk, competition, and territorial damselfishes as drivers of herbivore foraging on Caribbean coral reefs. <i>Marine Ecology - Progress Series</i> , 2014, 511, 193-207.	0.9	23
28	Nutrient supply from fishes facilitates macroalgae and suppresses corals in a Caribbean coral reef ecosystem. <i>Scientific Reports</i> , 2013, 3, 1493.	1.6	106
29	Macroalgae Decrease Growth and Alter Microbial Community Structure of the Reef-Building Coral, <i>Porites astreoides</i> . <i>PLoS ONE</i> , 2012, 7, e44246.	1.1	113
30	Coral density and predation affect growth of a reef-building coral. <i>Coral Reefs</i> , 2011, 30, 363-367.	0.9	14
31	Corals and Their Microbiomes Are Differentially Affected by Exposure to Elevated Nutrients and a Natural Thermal Anomaly. <i>Frontiers in Marine Science</i> , 0, 5, .	1.2	68