

Douglas B Rasher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2496568/publications.pdf>

Version: 2024-02-01

19
papers

1,502
citations

566801

15
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

2142
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically rich seaweeds poison corals when not controlled by herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9683-9688.	3.3	280
2	Consumer diversity interacts with prey defenses to drive ecosystem function. Ecology, 2013, 94, 1347-1358.	1.5	219
3	Coral reef ecosystem functioning: eight core processes and the role of biodiversity. Frontiers in Ecology and the Environment, 2019, 17, 445-454.	1.9	175
4	Megafaunal Impacts on Structure and Function of Ocean Ecosystems. Annual Review of Environment and Resources, 2016, 41, 83-116.	5.6	153
5	Functional diversity of marine megafauna in the Anthropocene. Science Advances, 2020, 6, eaay7650.	4.7	124
6	Effects of herbivory, nutrients, and reef protection on algal proliferation and coral growth on a tropical reef. Oecologia, 2012, 169, 187-198.	0.9	95
7	Tropical fish diversity enhances coral reef functioning across multiple scales. Science Advances, 2019, 5, eaav6420.	4.7	69
8	Attenuating effects of ecosystem management on coral reefs. Science Advances, 2018, 4, eaao5493.	4.7	68
9	Cascading predator effects in a Fijian coral reef ecosystem. Scientific Reports, 2017, 7, 15684.	1.6	56
10	Marine protected areas enhance coral reef functioning by promoting fish biodiversity. Conservation Letters, 2019, 12, e12638.	2.8	56
11	Competition induces allelopathy but suppresses growth and anti-herbivore defence in a chemically rich seaweed. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132615.	1.2	44
12	Keystone predators govern the pathway and pace of climate impacts in a subarctic marine ecosystem. Science, 2020, 369, 1351-1354.	6.0	43
13	Seaweed allelopathy degrades the resilience and function of coral reefs. Communicative and Integrative Biology, 2010, 3, 564-566.	0.6	37
14	Gene expression patterns of the coral <i>Acropora millepora</i> in response to contact with macroalgae. Coral Reefs, 2012, 31, 1177-1192.	0.9	34
15	Marine and terrestrial herbivores display convergent chemical ecology despite 400 million years of independent evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12110-12115.	3.3	24
16	Intestinal microbes: an axis of functional diversity among large marine consumers. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192367.	1.2	12
17	Ocean Acidification Reduces Skeletal Density of Hardground-Forming High-Latitude Crustose Coralline Algae. Geophysical Research Letters, 2021, 48, e2020GL091499.	1.5	4
18	Response: Commentary: Tropical fish diversity enhances coral reef functioning across multiple scales. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	2

#	ARTICLE	IF	CITATIONS
19	Cessation of Hardground Accretion by the Cold-Water Coralline Algae <i>Clathromorphum Compactum</i> and <i>Clathromorphum Nereostratum</i> Predicted Within Two Centuries. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	2