

Verena Schoepf

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

3,930
citations

22
h-index

45
g-index

45
ext. papers

5,413
ext. citations

6.8
avg, IF

5.11
L-index

#	Paper	IF	Citations
37	Global warming and recurrent mass bleaching of corals. <i>Nature</i> , 2017 , 543, 373-377	50.4	1539
36	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. <i>Science</i> , 2018 , 359, 80-83	33.3	954
35	The cumulative impact of annual coral bleaching can turn some coral species winners into losers. <i>Global Change Biology</i> , 2014 , 20, 3823-33	11.4	206
34	Limits to the thermal tolerance of corals adapted to a highly fluctuating, naturally extreme temperature environment. <i>Scientific Reports</i> , 2015 , 5, 17639	4.9	123
33	Coral energy reserves and calcification in a high-CO2 world at two temperatures. <i>PLoS ONE</i> , 2013 , 8, e75049	3.7	104
32	Microelectrode characterization of coral daytime interior pH and carbonate chemistry. <i>Nature Communications</i> , 2016 , 7, 11144	17.4	90
31	Marine heatwave causes unprecedented regional mass bleaching of thermally resistant corals in northwestern Australia. <i>Scientific Reports</i> , 2017 , 7, 14999	4.9	83
30	The Future of Coral Reefs Subject to Rapid Climate Change: Lessons from Natural Extreme Environments. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	75
29	Coral physiology and microbiome dynamics under combined warming and ocean acidification. <i>PLoS ONE</i> , 2018 , 13, e0191156	3.7	75
28	Annual coral bleaching and the long-term recovery capacity of coral. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	63
27	Can heterotrophic uptake of dissolved organic carbon and zooplankton mitigate carbon budget deficits in annually bleached corals?. <i>Coral Reefs</i> , 2016 , 35, 495-506	4.2	53
26	Coral calcification mechanisms facilitate adaptive responses to ocean acidification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	52
25	Physiological response to elevated temperature and pCO2 varies across four Pacific coral species: Understanding the unique host+symbiont response. <i>Scientific Reports</i> , 2015 , 5, 18371	4.9	43
24	The state of Western Australia's coral reefs. <i>Coral Reefs</i> , 2019 , 38, 651-667	4.2	38
23	Cleaning and pre-treatment procedures for biogenic and synthetic calcium carbonate powders for determination of elemental and boron isotopic compositions. <i>Chemical Geology</i> , 2015 , 398, 11-21	4.2	38
22	Stress-resistant corals may not acclimatize to ocean warming but maintain heat tolerance under cooler temperatures. <i>Nature Communications</i> , 2019 , 10, 4031	17.4	34
21	Resolving structure and function of metaorganisms through a holistic framework combining reductionist and integrative approaches. <i>Zoology</i> , 2019 , 133, 81-87	1.7	29

20	Microhabitat use and prey selection of the coral-feeding snail <i>Drupella cornus</i> in the northern Red Sea. <i>Hydrobiologia</i> , 2010 , 641, 45-57	2.4	26
19	Perennial growth of hermatypic corals at Rottneest Island, Western Australia (32°S). <i>PeerJ</i> , 2015 , 3, e781	3.1	25
18	Organic carbon fluxes mediated by corals at elevated pCO ₂ and temperature. <i>Marine Ecology - Progress Series</i> , 2015 , 519, 153-164	2.6	24
17	Global declines in coral reef calcium carbonate production under ocean acidification and warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	23
16	Kinetic and metabolic isotope effects in coral skeletal carbon isotopes: A re-evaluation using experimental coral bleaching as a case study. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 146, 164-178	5.5	21
15	How can "Super Corals" facilitate global coral reef survival under rapid environmental and climatic change?. <i>Global Change Biology</i> , 2018 , 24, 2755-2757	11.4	18
14	Mechanisms and seasonal drivers of calcification in the temperate coral at its latitudinal limits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	17
13	Long-term recovery of Caribbean corals from bleaching. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018 , 506, 124-134	2.1	16
12	Short-term coral bleaching is not recorded by skeletal boron isotopes. <i>PLoS ONE</i> , 2014 , 9, e112011	3.7	15
11	Thermally Variable, Macrotidal Reef Habitats Promote Rapid Recovery From Mass Coral Bleaching. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	12
10	Coral calcification under environmental change: a direct comparison of the alkalinity anomaly and buoyant weight techniques. <i>Coral Reefs</i> , 2017 , 36, 13-25	4.2	12
9	High-temperature acclimation strategies within the thermally tolerant endosymbiont <i>Symbiodinium trenchii</i> and its coral host, <i>Turbinaria reniformis</i> , differ with changing pCO ₂ and nutrients. <i>Marine Biology</i> , 2016 , 163, 1	2.5	11
8	Quantitative interpretation of vertical profiles of calcium and pH in the coral coelenteron. <i>Marine Chemistry</i> , 2018 , 204, 62-69	3.7	6
7	Coral host physiology and symbiont dynamics associated with differential recovery from mass bleaching in an extreme, macro-tidal reef environment in northwest Australia. <i>Coral Reefs</i> , 2021 , 40, 893-905	4.2	6
6	Impacts of coral bleaching on pH and oxygen gradients across the coral concentration boundary layer: a microsensor study. <i>Coral Reefs</i> , 2018 , 37, 1169-1180	4.2	5
5	Moderate nutrient concentrations are not detrimental to corals under future ocean conditions. <i>Marine Biology</i> , 2021 , 168, 1	2.5	4
4	Heat stress differentially impacts key calcification mechanisms in reef-building corals. <i>Coral Reefs</i> , 2021 , 40, 459-471	4.2	4
3	Impacts of marine heatwaves 2019 , 123-140		1

2	Lipid class composition of annually bleached Caribbean corals. <i>Marine Biology</i> , 2020 , 167, 1	2.5	1
1	Coral heat tolerance under variable temperatures: Effects of different variability regimes and past environmental history vs. current exposure. <i>Limnology and Oceanography</i> , 2022 , 67, 404-418	4.8	0