

Verena Schoepf

List of Publications by Year in Descending Order

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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.

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|-------------------|-------------------------|----------------|-----------------|
| 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 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | Moderate nutrient concentrations are not detrimental to corals under future ocean conditions. <i>Marine Biology</i> , 2021 , 168, 1 | 2.5 | 4 |
| 33 | Heat stress differentially impacts key calcification mechanisms in reef-building corals. <i>Coral Reefs</i> , 2021 , 40, 459-471 | 4.2 | 4 |
| 32 | Thermally Variable, Macrotidal Reef Habitats Promote Rapid Recovery From Mass Coral Bleaching. <i>Frontiers in Marine Science</i> , 2020 , 7, | 4.5 | 12 |
| 31 | Lipid class composition of annually bleached Caribbean corals. <i>Marine Biology</i> , 2020 , 167, 1 | 2.5 | 1 |
| 30 | 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 |
| 29 | 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 |
| 28 | The state of Western Australia's coral reefs. <i>Coral Reefs</i> , 2019 , 38, 651-667 | 4.2 | 38 |
| 27 | Impacts of marine heatwaves 2019 , 123-140 | | 1 |
| 26 | 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 |
| 25 | Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. <i>Science</i> , 2018 , 359, 80-83 | 33.3 | 954 |
| 24 | Quantitative interpretation of vertical profiles of calcium and pH in the coral coelenteron. <i>Marine Chemistry</i> , 2018 , 204, 62-69 | 3.7 | 6 |
| 23 | 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 |
| 22 | 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 |
| 21 | Coral physiology and microbiome dynamics under combined warming and ocean acidification. <i>PLoS ONE</i> , 2018 , 13, e0191156 | 3.7 | 75 |

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| 20 | 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 |
| 19 | Long-term recovery of Caribbean corals from bleaching. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018 , 506, 124-134 | 2.1 | 16 |
| 18 | Global warming and recurrent mass bleaching of corals. <i>Nature</i> , 2017 , 543, 373-377 | 50.4 | 1539 |
| 17 | Marine heatwave causes unprecedented regional mass bleaching of thermally resistant corals in northwestern Australia. <i>Scientific Reports</i> , 2017 , 7, 14999 | 4.9 | 83 |
| 16 | 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 |
| 15 | Coral calcification mechanisms facilitate adaptive responses to ocean acidification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284, | 4.4 | 52 |
| 14 | 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 |
| 13 | Microelectrode characterization of coral daytime interior pH and carbonate chemistry. <i>Nature Communications</i> , 2016 , 7, 11144 | 17.4 | 90 |
| 12 | 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 |
| 11 | Physiological response to elevated temperature and pCO ₂ varies across four Pacific coral species: Understanding the unique host+symbiont response. <i>Scientific Reports</i> , 2015 , 5, 18371 | 4.9 | 43 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Perennial growth of hermatypic corals at Rottnest Island, Western Australia (32°S). <i>PeerJ</i> , 2015 , 3, e781 | 3.1 | 25 |
| 5 | 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 |
| 4 | 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 |
| 3 | Short-term coral bleaching is not recorded by skeletal boron isotopes. <i>PLoS ONE</i> , 2014 , 9, e112011 | 3.7 | 15 |

- 2 Coral energy reserves and calcification in a high-CO₂ world at two temperatures. *PLoS ONE*, **2013**, 8, e75049 3.7 104
- 1 Microhabitat use and prey selection of the coral-feeding snail *Drupella cornus* in the northern Red Sea. *Hydrobiologia*, **2010**, 641, 45-57 2.4 26