

Christian Wild

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.

93
papers

2,424
citations

24
h-index

46
g-index

102
ext. papers

3,147
ext. citations

4.4
avg, IF

5.13
L-index

#	Paper	IF	Citations
93	Effective asexual reproduction of a widespread soft coral: comparative assessment of four different fragmentation methods.. <i>PeerJ</i> , 2022 , 10, e12589	3.1	0
92	Metazoan endoparasite fauna and feeding ecology of commercial fishes from Java, Indonesia.. <i>Parasitology Research</i> , 2022 , 121, 551	2.4	0
91	Comparative Evaluation of Free Web Tools ImageJ and Photopea for the Surface Area Quantification of Planar Substrates and Organisms. <i>Diversity</i> , 2022 , 14, 272	2.5	0
90	High Diversity and Abundance of Foraminifera Associated with Mediterranean Benthic Red Algae Mats. <i>Diversity</i> , 2022 , 14, 21	2.5	1
89	The role of epiphytes in seagrass productivity under ocean acidification.. <i>Scientific Reports</i> , 2022 , 12, 6249	4.9	0
88	New Insights into a Mediterranean Sea Benthic Habitat: High Diversity of Epiphytic Bryozoan Assemblages on <i>Phyllophora crispa</i> (Rhodophyta) Mats. <i>Diversity</i> , 2022 , 14, 346	2.5	2
87	First insights into coral recruit and juvenile abundances at remote Aldabra Atoll, Seychelles. <i>PLoS ONE</i> , 2021 , 16, e0260516	3.7	0
86	Contrasting microbiome dynamics of putative denitrifying bacteria in two octocoral species exposed to dissolved organic carbon (DOC) and warming. <i>Applied and Environmental Microbiology</i> , 2021 , AEM0188621	4.8	2
85	Heat stress reduces the contribution of diazotrophs to coral holobiont nitrogen cycling. <i>ISME Journal</i> , 2021 ,	11.9	3
84	Parasite Fauna of the White-Streaked Grouper (<i>Epinephelus ongus</i>) from the Thousand Islands, Java, Indonesia. <i>Acta Parasitologica</i> , 2021 , 66, 543-552	1.7	2
83	The Rabbitfish <i>Siganus virgatus</i> as Key Macroalgae Browser in Coral Reefs of the Gulf of Thailand. <i>Diversity</i> , 2021 , 13, 123	2.5	2
82	Nitrogen fixation and denitrification activity differ between coral- and algae-dominated Red Sea reefs. <i>Scientific Reports</i> , 2021 , 11, 11820	4.9	4
81	Mediterranean Red Macro Algae Mats as Habitat for High Abundances of Serpulid Polychaetes. <i>Diversity</i> , 2021 , 13, 265	2.5	5
80	Relative abundance of nitrogen cycling microbes in coral holobionts reflects environmental nitrate availability. <i>Royal Society Open Science</i> , 2021 , 8, 201835	3.3	2
79	High plasticity of nitrogen fixation and denitrification of common coral reef substrates in response to nitrate availability. <i>Marine Pollution Bulletin</i> , 2021 , 168, 112430	6.7	2
78	Nutrient pollution enhances productivity and framework dissolution in algae- but not in coral-dominated reef communities. <i>Marine Pollution Bulletin</i> , 2021 , 168, 112444	6.7	3
77	High summer temperatures amplify functional differences between coral- and algae-dominated reef communities. <i>Ecology</i> , 2021 , 102, e03226	4.6	9

76	Rapid relative increase of crustose coralline algae following herbivore exclusion in a reef of El Salvador. <i>PeerJ</i> , 2021 , 9, e10696	3.1	0
75	Photosynthesis and respiration of the soft coral respond to warming but not to organic carbon eutrophication. <i>PeerJ</i> , 2021 , 9, e11663	3.1	4
74	Fleshy Red Algae Mats Influence Their Environment in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	3
73	Heat stress destabilizes symbiotic nutrient cycling in corals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	47
72	How Does the Sexual Reproduction of Marine Life Respond to Ocean Acidification?. <i>Diversity</i> , 2020 , 12, 241	2.5	3
71	High rates of carbon and dinitrogen fixation suggest a critical role of benthic pioneer communities in the energy and nutrient dynamics of coral reefs. <i>Functional Ecology</i> , 2020 , 34, 1991-2004	5.6	5
70	In situ eutrophication stimulates dinitrogen fixation, denitrification, and productivity in Red Sea coral reefs. <i>Marine Ecology - Progress Series</i> , 2020 , 645, 55-66	2.6	11
69	Nitrogen eutrophication particularly promotes turf algae in coral reefs of the central Red Sea. <i>PeerJ</i> , 2020 , 8, e8737	3.1	14
68	Organic eutrophication increases resistance of the pulsating soft coral to warming. <i>PeerJ</i> , 2020 , 8, e91823	3.1	7
67	A meta-analysis to assess long-term spatiotemporal changes of benthic coral and macroalgae cover in the Mexican Caribbean. <i>Scientific Reports</i> , 2020 , 10, 8897	4.9	16
66	Vulnerability of global coral reef habitat suitability to ocean warming, acidification and eutrophication. <i>Global Change Biology</i> , 2020 , 26, 5646-5660	11.4	13
65	Early trajectories of benthic coral reef communities following the 2015/16 coral bleaching event at remote Aldabra Atoll, Seychelles. <i>Scientific Reports</i> , 2020 , 10, 17034	4.9	6
64	Coral Reef Recovery in the Mexican Caribbean after 2005 Mass Coral Mortality: Potential Drivers. <i>Diversity</i> , 2020 , 12, 338	2.5	2
63	Positive association between epiphytes and competitiveness of the brown algal genus against corals. <i>PeerJ</i> , 2019 , 7, e6380	3.1	3
62	Relative Diazotroph Abundance in Symbiotic Red Sea Corals Decreases With Water Depth. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	6
61	Denitrification Aligns with N Fixation in Red Sea Corals. <i>Scientific Reports</i> , 2019 , 9, 19460	4.9	18
60	An in situ approach for measuring biogeochemical fluxes in structurally complex benthic communities. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 712-725	7.7	15
59	Excess labile carbon promotes the expression of virulence factors in coral reef bacterioplankton. <i>ISME Journal</i> , 2018 , 12, 59-76	11.9	34

58	Reef sponges facilitate the transfer of coral-derived organic matter to their associated fauna via the sponge loop. <i>Marine Ecology - Progress Series</i> , 2018 , 589, 85-96	2.6	51
57	Effects of sandfish () removal on shallow-water sediments in Fiji. <i>PeerJ</i> , 2018 , 6, e4773	3.1	12
56	N2 fixation and primary productivity in a red sea <i>Halophila stipulacea</i> meadow exposed to seasonality. <i>Limnology and Oceanography</i> , 2018 , 63, 786-798	4.8	16
55	Contrasting seasonal responses in dinitrogen fixation between shallow and deep-water colonies of the model coral <i>Stylophora pistillata</i> in the northern Red Sea. <i>PLoS ONE</i> , 2018 , 13, e0199022	3.7	13
54	Coral reef degradation affects the potential for reef recovery after disturbance. <i>Marine Environmental Research</i> , 2018 , 142, 48-58	3.3	23
53	Effects of Water Column Mixing and Stratification on Planktonic Primary Production and Dinitrogen Fixation on a Northern Red Sea Coral Reef. <i>Frontiers in Microbiology</i> , 2018 , 9, 2351	5.7	7
52	Rapid bioerosion in a tropical upwelling coral reef. <i>PLoS ONE</i> , 2018 , 13, e0202887	3.7	10
51	Sugar enrichment provides evidence for a role of nitrogen fixation in coral bleaching. <i>Global Change Biology</i> , 2017 , 23, 3838-3848	11.4	76
50	High sedimentary oxygen consumption indicates that sewage input from small islands drives benthic community shifts on overfished reefs. <i>Environmental Conservation</i> , 2017 , 44, 405-411	3.3	12
49	Differential recycling of coral and algal dissolved organic matter via the sponge loop. <i>Functional Ecology</i> , 2017 , 31, 778-789	5.6	81
48	Stimulated Respiration and Net Photosynthesis in <i>Cassiopeia</i> sp. during Glucose Enrichment Suggests in hospite CO2 Limitation of Algal Endosymbionts. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	15
47	Nitrogen Fixation Aligns with Abundance and Expression in Two Coral Trophic Functional Groups. <i>Frontiers in Microbiology</i> , 2017 , 8, 1187	5.7	33
46	Seasonality affects dinitrogen fixation associated with two common macroalgae from a coral reef in the northern Red Sea. <i>Marine Ecology - Progress Series</i> , 2017 , 575, 69-80	2.6	9
45	Simulated overfishing and natural eutrophication promote the relative success of a non-indigenous ascidian in coral reefs at the Pacific coast of Costa Rica. <i>Aquatic Invasions</i> , 2017 , 12, 435-446	2.9	5
44	Light induced intraspecific variability in response to thermal stress in the hard coral. <i>PeerJ</i> , 2017 , 5, e38031	3.1	5
43	Ongoing removals of invasive lionfish in Honduras and their effect on native Caribbean prey fishes. <i>PeerJ</i> , 2017 , 5, e3818	3.1	8
42	Budget of Primary Production and Dinitrogen Fixation in a Highly Seasonal Red Sea Coral Reef. <i>Ecosystems</i> , 2016 , 19, 771-785	3.9	36
41	Patterns and trends in coral reef macroalgae browsing: a review of browsing herbivorous fishes of the Indo-Pacific. <i>Reviews in Fish Biology and Fisheries</i> , 2016 , 26, 53-70	6	21

40	Interactive effects of ocean acidification and warming on coral reef associated epilithic algal communities under past, present-day and future ocean conditions. <i>Coral Reefs</i> , 2016 , 35, 715-728	4.2	5
39	Abundance and physiology of dominant soft corals linked to water quality in Jakarta Bay, Indonesia. <i>PeerJ</i> , 2016 , 4, e2625	3.1	15
38	Microbial dinitrogen fixation in coral holobionts exposed to thermal stress and bleaching. <i>Environmental Microbiology</i> , 2016 , 18, 2620-33	5.2	31
37	Impacts of a high-discharge submarine sewage outfall on water quality in the coastal zone of Salvador (Bahia, Brazil). <i>Marine Pollution Bulletin</i> , 2016 , 106, 43-8	6.7	31
36	The influence of seasonality on benthic primary production in a Red Sea coral reef. <i>Marine Biology</i> , 2016 , 163, 1	2.5	11
35	Effects of elevated pCO ₂ and feeding on net calcification and energy budget of the Mediterranean cold-water coral <i>Madrepora oculata</i> . <i>Journal of Experimental Biology</i> , 2016 , 219, 3208-3217	3	24
34	Calcareous green alga <i>Halimeda</i> tolerates ocean acidification conditions at tropical carbon dioxide seeps. <i>Limnology and Oceanography</i> , 2015 , 60, 263-275	4.8	25
33	Effects of simulated overfishing on the succession of benthic algae and invertebrates in an upwelling-influenced coral reef of Pacific Costa Rica. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015 , 468, 55-66	2.1	12
32	Nitrogen cycling in corals: the key to understanding holobiont functioning?. <i>Trends in Microbiology</i> , 2015 , 23, 490-7	12.4	249
31	Fish herbivory as key ecological function in a heavily degraded coral reef system. <i>Limnology and Oceanography</i> , 2015 , 60, 1382-1391	4.8	40
30	Dynamics in benthic community composition and influencing factors in an upwelling-exposed coral reef on the Pacific coast of Costa Rica. <i>PeerJ</i> , 2015 , 3, e1434	3.1	10
29	Upwelling Increases Net Primary Production of Corals and Reef-Wide Gross Primary Production Along the Pacific Coast of Costa Rica. <i>Frontiers in Marine Science</i> , 2015 , 2,	4.5	14
28	The "Flexi-Chamber": A Novel Cost-Effective In Situ Respirometry Chamber for Coral Physiological Measurements. <i>PLoS ONE</i> , 2015 , 10, e0138800	3.7	16
27	Functional significance of dinitrogen fixation in sustaining coral productivity under oligotrophic conditions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20152257	4.4	63
26	Effects of simulated eutrophication and overfishing on algae and invertebrate settlement in a coral reef of Koh Phangan, Gulf of Thailand. <i>Marine Pollution Bulletin</i> , 2015 , 92, 35-44	6.7	14
25	The physiological response of two green calcifying algae from the Great Barrier Reef towards high dissolved inorganic and organic carbon (DIC and DOC) availability. <i>PLoS ONE</i> , 2015 , 10, e0133596	3.7	9
24	Physiological Response of the Hard Coral <i>Pocillopora verrucosa</i> from Lombok, Indonesia, to Two Common Pollutants in Combination with High Temperature. <i>PLoS ONE</i> , 2015 , 10, e0142744	3.7	13
23	Seasonal variation in dinitrogen fixation and oxygen fluxes associated with two dominant zooxanthellate soft corals from the northern Red Sea. <i>Marine Ecology - Progress Series</i> , 2015 , 519, 141-152	2.6	36

22	Dinitrogen fixation and primary productivity by carbonate and silicate reef sand communities of the Northern Red Sea. <i>Marine Ecology - Progress Series</i> , 2015 , 527, 47-57	2.6	19
21	Seasonality in dinitrogen fixation and primary productivity by coral reef framework substrates from the northern Red Sea. <i>Marine Ecology - Progress Series</i> , 2015 , 533, 79-92	2.6	27
20	A carbonate platform associated with shallow cold methane seeps in Golfo Dulce, Pacific Costa Rica. <i>Galaxea</i> , 2015 , 17, 13-14	0.5	1
19	Aqueous extracts of the marine brown alga <i>Lobophora variegata</i> inhibit HIV-1 infection at the level of virus entry into cells. <i>PLoS ONE</i> , 2014 , 9, e103895	3.7	10
18	Massive coral tissue ablations in reefs of Pacific Costa Rica. <i>Galaxea</i> , 2014 , 16, 13-14	0.5	5
17	Benthic N ₂ fixation in coral reefs and the potential effects of human-induced environmental change. <i>Ecology and Evolution</i> , 2014 , 4, 1706-27	2.8	61
16	Ocean acidification rapidly reduces dinitrogen fixation associated with the hermatypic coral <i>Seriatopora hystrix</i> . <i>Marine Ecology - Progress Series</i> , 2014 , 511, 297-302	2.6	24
15	In situ effects of simulated overfishing and eutrophication on settlement of benthic coral reef invertebrates in the Central Red Sea. <i>PeerJ</i> , 2014 , 2, e339	3.1	14
14	Spatial and temporal distribution of the invasive lionfish <i>Pterois volitans</i> in coral reefs of Tayrona National Natural Park, Colombian Caribbean. <i>PeerJ</i> , 2014 , 2, e397	3.1	8
13	Benthic primary production in an upwelling-influenced coral reef, Colombian Caribbean. <i>PeerJ</i> , 2014 , 2, e554	3.1	16
12	Turf algae-mediated coral damage in coastal reefs of Belize, Central America. <i>PeerJ</i> , 2014 , 2, e571	3.1	12
11	Benthic primary production budget of a Caribbean reef lagoon (Puerto Morelos, Mexico). <i>PLoS ONE</i> , 2013 , 8, e82923	3.7	22
10	In-situ effects of eutrophication and overfishing on physiology and bacterial diversity of the red sea coral <i>Acropora hemprichii</i> . <i>PLoS ONE</i> , 2013 , 8, e62091	3.7	70
9	Effect of water currents on organic matter release by two scleractinian corals. <i>Aquatic Ecology</i> , 2012 , 46, 335-341	1.9	9
8	Budget of coral-derived organic carbon in a fringing coral reef of the Gulf of Aqaba, Red Sea. <i>Journal of Marine Systems</i> , 2012 , 105-108, 20-29	2.7	19
7	Climate change impedes scleractinian corals as primary reef ecosystem engineers. <i>Marine and Freshwater Research</i> , 2011 , 62, 205	2.2	165
6	Organic matter release by coral reef associated benthic algae in the Northern Red Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010 , 389, 53-60	2.1	68
5	Coral surface area quantification—evaluation of established techniques by comparison with computer tomography. <i>Coral Reefs</i> , 2009 , 28, 109-117	4.2	111

4	Mineralization of particulate organic matter derived from coral-reef organisms in reef sediments of the Gulf of Aqaba. <i>Chemistry and Ecology</i> , 2006 , 22, 13-20	2.3	8
3	Benthic metabolism and degradation of natural particulate organic matter in carbonate and silicate reef sands of the northern Red Sea. <i>Marine Ecology - Progress Series</i> , 2005 , 298, 69-78	2.6	56
2	Coral mucus functions as an energy carrier and particle trap in the reef ecosystem. <i>Nature</i> , 2004 , 428, 66-70	50.4	395
1	Rebuilding Coral Reefs: A Decadal Grand Challenge		8