

# Gareth J Williams

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1358940/publications.pdf>

Version: 2024-02-01

18  
papers

1,165  
citations

759233

12  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coral reef ecosystem services in the Anthropocene. <i>Functional Ecology</i> , 2019, 33, 1023-1034.	3.6	260
2	High frequency temperature variability reduces the risk of coral bleaching. <i>Nature Communications</i> , 2018, 9, 1671.	12.8	201
3	Social environmental drivers inform strategic management of coral reefs in the Anthropocene. <i>Nature Ecology and Evolution</i> , 2019, 3, 1341-1350.	7.8	175
4	Prey-size plastics are invading larval fish nurseries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24143-24149.	7.1	108
5	Coral reef ecology in the Anthropocene. <i>Functional Ecology</i> , 2019, 33, 1014-1022.	3.6	86
6	Parsing human and biophysical drivers of coral reef regimes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182544.	2.6	72
7	Biophysical drivers of coral trophic depth zonation. <i>Marine Biology</i> , 2018, 165, 1.	1.5	56
8	Three-dimensional digital mapping of ecosystems: a new era in spatial ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192383.	2.6	55
9	Rethinking coral reef functional futures. <i>Functional Ecology</i> , 2019, 33, 942-947.	3.6	36
10	Combining fish and benthic communities into multiple regimes reveals complex reef dynamics. <i>Scientific Reports</i> , 2018, 8, 16943.	3.3	35
11	Scale dependent spatial patterns in benthic communities around a tropical island seascape. <i>Ecography</i> , 2019, 42, 578-590.	4.5	22
12	Artificial shorelines lack natural structural complexity across scales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210329.	2.6	16
13	Coral reef resilience differs among islands within the Gulf of Mannar, southeast India, following successive coral bleaching events. <i>Coral Reefs</i> , 2021, 40, 1029-1044.	2.2	9
14	Spatial scaling properties of coral reef benthic communities. <i>Ecography</i> , 2021, 44, 188-198.	4.5	7
15	Three-dimensional mapping reveals scale dependent dynamics in biogenic reef habitat structure. <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 621-637.	4.3	6
16	Quantifying upwelling in tropical shallow waters: A novel method using a temperature stratification index. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 566-577.	2.0	5
17	Modelling the linkage between coral assemblage structure and pattern of environmental forcing. <i>Royal Society Open Science</i> , 2020, 7, 200565.	2.4	4
18	First record of coralline fungal disease (CFD) in the Indian Ocean. <i>Coral Reefs</i> , 2018, 37, 1243-1243.	2.2	2