

Emily C Shaw

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

712
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1037
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of ocean acidification in naturally variable coral reef flat ecosystems. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	154
2	Anthropogenic changes to seawater buffer capacity combined with natural reef metabolism induce extreme future coral reef CO_2 conditions. <i>Global Change Biology</i> , 2013, 19, 1632-1641.	9.5	110
3	Taking the metabolic pulse of the world's coral reefs. <i>PLoS ONE</i> , 2018, 13, e0190872.	2.5	96
4	Natural in situ relationships suggest coral reef calcium carbonate production will decline with ocean acidification. <i>Limnology and Oceanography</i> , 2015, 60, 777-788.	3.1	60
5	Near-shore Antarctic pH variability has implications for the design of ocean acidification experiments. <i>Scientific Reports</i> , 2015, 5, .	3.3	53
6	The role of CO_2 variability and exposure time for biological impacts of ocean acidification. <i>Geophysical Research Letters</i> , 2013, 40, 4685-4688.	4.0	52
7	Impacts of aeolian dust deposition on phytoplankton dynamics in Queensland coastal waters. <i>Marine and Freshwater Research</i> , 2008, 59, 951.	1.3	37
8	Seasonal variability in carbonate chemistry and air-sea CO_2 fluxes in the southern Great Barrier Reef. <i>Marine Chemistry</i> , 2014, 158, 49-58.	2.3	25
9	Comparability of Slack Water and Lagrangian Flow Respirometry Methods for Community Metabolic Measurements. <i>PLoS ONE</i> , 2014, 9, e112161.	2.5	21
10	Estimating regional coral reef calcium carbonate production from remotely sensed seafloor maps. <i>Remote Sensing of Environment</i> , 2017, 201, 88-98.	11.0	19
11	The use of remote sensing to scale up measures of carbonate production on reef systems: a comparison of hydrochemical and census-based estimation methods. <i>International Journal of Remote Sensing</i> , 2013, 34, 6451-6465.	2.9	17
12	Incorporating benthic community changes into hydrochemical-based projections of coral reef calcium carbonate production under ocean acidification. <i>Coral Reefs</i> , 2016, 35, 739-750.	2.2	17
13	Fifty Years of Sporadic Coral Reef Calcification Estimates at One Tree Island, Great Barrier Reef: Is it Enough to Imply Long Term Trends?. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	13
14	An opinion on the distribution and behavior of chemicals in response to climate change, with particular reference to the Asia-Pacific region. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 3-31.	1.2	7
15	Response to comment on 'Impacts of aeolian dust deposition on phytoplankton dynamics in Queensland coastal waters'. <i>Marine and Freshwater Research</i> , 2010, 61, 504.	1.3	5
16	chapter 11 Near-Shore Antarctic pH Variability has Implications for the Design of Ocean Acidification Experiments. , 2017, , 239-266.		1