

Samuel A Matthews

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

492
citations

1040056

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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	Water quality mediates resilience on the Great Barrier Reef. <i>Nature Ecology and Evolution</i> , 2019, 3, 620-627.	7.8	139
2	Thirty Years of Research on Crown-of-Thorns Starfish (1986–2016): Scientific Advances and Emerging Opportunities. <i>Diversity</i> , 2017, 9, 41.	1.7	126
3	Spatial resilience of the Great Barrier Reef under cumulative disturbance impacts. <i>Global Change Biology</i> , 2019, 25, 2431-2445.	9.5	92
4	Spatial patterns of microbial communities across surface waters of the Great Barrier Reef. <i>Communications Biology</i> , 2020, 3, 442.	4.4	30
5	Knowledge Gaps in the Biology, Ecology, and Management of the Pacific Crown-of-Thorns Sea Star <i>Acanthaster</i> sp. on Australia's Great Barrier Reef. <i>Biological Bulletin</i> , 2021, 241, 330-346.	1.8	25
6	Temperature-dependent resolution of conflict over rank within a size-based dominance hierarchy. <i>Behavioral Ecology</i> , 2015, 26, 947-958.	2.2	21
7	High-resolution characterization of the abiotic environment and disturbance regimes on the Great Barrier Reef, 1985–2017. <i>Ecology</i> , 2019, 100, e02574.	3.2	17
8	Changes in sociality of butterflyfishes linked to population declines and coral loss. <i>Coral Reefs</i> , 2019, 38, 527-537.	2.2	12
9	Culling crown-of-thorns starfish (<i>Acanthaster cf. solaris</i>) on Australia's Great Barrier Reef: rationale and effectiveness. <i>Australian Zoologist</i> , 2019, 40, 13-24.	1.1	12
10	Biogeographical variation in diurnal behaviour of <i>Acanthaster planci</i> versus <i>Acanthaster cf. solaris</i> . <i>PLoS ONE</i> , 2020, 15, e0228796.	2.5	8
11	Larval connectivity and water quality explain spatial distribution of crown-of-thorns starfish outbreaks across the Great Barrier Reef. <i>Advances in Marine Biology</i> , 2020, 87, 223-258.	1.4	5
12	COTSMoD: A spatially explicit metacommunity model of outbreaks of crown-of-thorns starfish and coral recovery. <i>Advances in Marine Biology</i> , 2020, 87, 259-290.	1.4	3
13	Modelling the differences between El Niño and La Niña years and planktonic larval duration on dispersal across the southeast Australian biogeographic barrier. <i>Geo: Geography and Environment</i> , 2019, 6, e00074.	0.8	2