David O Obura

List of Publications by Year
in descending order

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85	9,318	109264	53190
papers	citations	35 h-index	85 g-index

96	96	96	12834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expert perspectives on global biodiversity loss and its drivers and impacts on people. Frontiers in Ecology and the Environment, 2023, 21, 94-103.	1.9	49
2	Vulnerability to collapse of coral reef ecosystems in the Western Indian Ocean. Nature Sustainability, 2022, 5, 104-113.	11.5	29
3	Conclusions of low extinction risk for most species of reef-building corals are premature. Nature Ecology and Evolution, 2022, 6, 357-358.	3.4	5
4	Achieving global biodiversity goals by 2050 requires urgent and integrated actions. One Earth, 2022, 5, 597-603.	3.6	57
5	A global horizon scan of issues impacting marine and coastal biodiversity conservation. Nature Ecology and Evolution, 2022, 6, 1262-1270.	3.4	27
6	Characteristics of shallow and mesophotic environments of the Pemba Channel, Tanzania: Implications for management and conservation. Ocean and Coastal Management, 2021, 200, 105463.	2.0	8
7	Identifying a Safe and Just Corridor for People and the Planet. Earth's Future, 2021, 9, e2020EF001866.	2.4	84
8	Advancing Social Equity in and Through Marine Conservation. Frontiers in Marine Science, 2021, 8, .	1.2	75
9	Increasing Coral Reef Resilience Through Successive Marine Heatwaves. Geophysical Research Letters, 2021, 48, e2021GL094128.	1.5	22
10	Scientific foundations for an ecosystem goal, milestones and indicators for the post-2020 global biodiversity framework. Nature Ecology and Evolution, 2021, 5, 1338-1349.	3.4	70
11	Establishing the Foundation for the Global Observing System for Marine Life. Frontiers in Marine Science, 2021, 8, .	1.2	11
12	Reconciling safe planetary targets and planetary justice: Why should social scientists engage with planetary targets?. Earth System Governance, 2021, 10, 100122.	2.1	18
13	Participatory reporting of the 2016 bleaching event in the Western Indian Ocean. Coral Reefs, 2020, 39, 1-11.	0.9	25
14	Set ambitious goals for biodiversity and sustainability. Science, 2020, 370, 411-413.	6.0	225
15	Getting to 2030 - Scaling effort to ambition through a narrative model of the SDGs. Marine Policy, 2020, 117, 103973.	1.5	36
16	Healthy and diverse coral reefs in Djibouti â€“ A resilient reef system or few anthropogenic threats?. Marine Pollution Bulletin, 2019, 148, 182-193.	2.3	9
17	A Response to Scientific and Societal Needs for Marine Biological Observations. Frontiers in Marine Science, 2019, 6, .	1.2	26
18	Estimating Connectivity Through Larval Dispersal in the Western Indian Ocean. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2446-2459.	1.3	28

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19	Coral Reef Monitoring, Reef Assessment Technologies, and Ecosystem-Based Management. Frontiers in Marine Science, 2019, 6, .	1.2	96
20	The key role of the Northern Mozambique Channel for Indian Ocean tropical tuna fisheries. Reviews in Fish Biology and Fisheries, 2019, 29, 613-638.	2.4	11
21	Ecological connectivity between the areas beyond national jurisdiction and coastal waters: Safeguarding interests of coastal communities in developing countries. Marine Policy, 2019, 104, 90-102.	1.5	96
22	Pervasive human-driven decline of life on Earth points to the need for transformative change. Science, 2019, 366, .	6.0	1,213
23	The future of resilience-based management in coral reef ecosystems. Journal of Environmental Management, 2019, 233, 291-301.	3.8	143
24	Marine ecosystem services in the Northern Mozambique Channel: A geospatial and socio-economic analysis for policy support. Ecosystem Services, 2019, 35, 1-12.	2.3	18
25	Silent killer: black reefs in the Phoenix Islands Protected Area. Pacific Conservation Biology, 2019, 25, 213.	0.5	5
26	Essential ocean variables for global sustained observations of biodiversity and ecosystem changes. Global Change Biology, 2018, 24, 2416-2433.	4.2	272
27	Linkage between fish functional groups and coral reef benthic habitat composition in the Western Indian Ocean. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 387-400.	0.4	11
28	Linking Capacity Development to GOOS Monitoring Networks to Achieve Sustained Ocean Observation. Frontiers in Marine Science, 2018, 5, .	1.2	49
29	Advancing Marine Biological Observations and Data Requirements of the Complementary Essential Ocean Variables (EOVs) and Essential Biodiversity Variables (EBVs) Frameworks. Frontiers in Marine Science, 2018, 5, .	1.2	148
30	The current status of coral reefs and their vulnerability to climate change and multiple human stresses in the Comoros Archipelago, Western Indian Ocean. Marine Pollution Bulletin, 2018, 133, 956-969.	2.3	16
31	Coral responses to a repeat bleaching event in Mayotte in 2010. PeerJ, 2018, 6, e5305.	0.9	9
32	Methods for the Study of Marine Biodiversity. , 2017, , 129-163.		34
33	Variation in size frequency distribution of coral populations under different fishing pressures in two contrasting locations in the Indian Ocean. Marine Environmental Research, 2017, 131, 146-155.	1.1	7
34	Assessment of Coastal Governance for Climate Change Adaptation in Kenya. Earth's Future, 2017, 5, 1119-1132.	2.4	24
35	Refilling the coral reef glass. Science, 2017, 357, 1215-1215.	6.0	7
36	Artisanal fisheries on Kenyaâ€™s coral reefs: Decadal trends reveal management needs. Fisheries Research, 2017, 186, 177-191.	0.9	63

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37	Observations, indicators and scenarios of biodiversity and ecosystem services change â€" a framework to support policy and decision-making. Current Opinion in Environmental Sustainability, 2017, 29, 198-206.	3.1	11
38	An Indian Ocean centre of origin revisited: Palaeogene and Neogene influences defining a biogeographic realm. Journal of Biogeography, 2016, 43, 229-242.	1.4	37
39	A model-based assessment of reef larvae dispersal in the Western Indian Ocean reveals regional connectivity patterns â€" Potential implications for conservation policies. Regional Studies in Marine Science, 2016, 7, 159-167.	0.4	40
40	Coral reef monitoring in the Iles Eparses, Mozambique Channel (2011â€"2013). Acta Oecologica, 2016, 72, 62-71.	0.5	21
41	Mapping Factors That Contribute to Coral Reef Resilience Using In situ and Satellite Data in East Africa. Estuaries of the World, 2016, , 259-276.	0.1	3
42	Re-evaluating the health of coral reef communities: baselines and evidence for human impacts across the central Pacific. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20151985.	1.2	218
43	A comparative study of the accuracy and effectiveness of Line and Point Intercept Transect methods for coral reef monitoring in the southwestern Indian Ocean islands. Ecological Indicators, 2016, 60, 1045-1055.	2.6	25
44	Operationalizing resilience for adaptive coral reef management under global environmental change. Global Change Biology, 2015, 21, 48-61.	4.2	201
45	Rainfall variability over the East African coast. Theoretical and Applied Climatology, 2015, 120, 311-322.	1.3	24
46	Negative effects of gardening damselfish Stegastes planifrons on coral health depend on predator abundance. Marine Ecology - Progress Series, 2015, 528, 289-296.	0.9	25
47	Establishment, Management, and Maintenance of the Phoenix Islands Protected Area. Advances in Marine Biology, 2014, 69, 289-324.	0.7	24
48	Short-term changes of fish assemblages observed in the near-pristine reefs of the Phoenix Islands. Reviews in Fish Biology and Fisheries, 2014, 24, 505-518.	2.4	6
49	Transforming management of tropical coastal seas to cope with challenges of the 21st century. Marine Pollution Bulletin, 2014, 85, 8-23.	2.3	118
50	Coexistence of Low Coral Cover and High Fish Biomass at Farquhar Atoll, Seychelles. PLoS ONE, 2014, 9, e87359.	1.1	16
51	Essential Biodiversity Variables. Science, 2013, 339, 277-278.	6.0	1,150
52	DNA barcoding reveals the coral â€œlaboratory-ratâ€ Stylophora pistillata encompasses multiple identities. Scientific Reports, 2013, 3, 1520.	1.6	94
53	British Indian Ocean Territory (the Chagos Archipelago): Setting, Connections and the Marine Protected Area. Coral Reefs of the World, 2013, , 223-240.	0.3	8
54	Coral Reefs of the Chagos Archipelago, Indian Ocean. Coral Reefs of the World, 2013, , 241-252.	0.3	5

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55	Black reefs: iron-induced phase shifts on coral reefs. ISME Journal, 2012, 6, 638-649.	4.4	65
56	Coral reefs and societyâ€"finding a balance?. Oryx, 2012, 46, 467-468.	0.5	5
57	Diversity and Distribution of Symbiodinium Associated with Seven Common Coral Species in the Chagos Archipelago, Central Indian Ocean. PLoS ONE, 2012, 7, e35836.	1.1	17
58	Reefs and islands of the Chagos Archipelago, Indian Ocean: why it is the world's largest noâ€take marine protected area. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 232-261.	0.9	150
59	The Diversity and Biogeography of Western Indian Ocean Reef-Building Corals. PLoS ONE, 2012, 7, e45013.	1.1	160
60	Coral mortality associated with thermal fluctuations in the Phoenix Islands, 2002â€"2005. Coral Reefs, 2011, 30, 607-619.	0.9	36
61	Baseline Marine Biological Surveys of the Phoenix Islands, July 2000. Atoll Research Bulletin, 2011, 589, 1-61.	0.2	21
62	Sea Turtles of the Phoenix Islands, 2000-2002. Atoll Research Bulletin, 2011, 589, 119-124.	0.2	2
63	Coral Reef Structure and Zonation of the Phoenix Islands. Atoll Research Bulletin, 2011, 589, 63-82.	0.2	6
64	Hawksbill turtles as significant predators on hard coral. Coral Reefs, 2010, 29, 759-759.	0.9	12
65	Assessing coral bleaching and recovery with a colour reference card in Watamu Marine Park, Kenya. Hydrobiologia, 2010, 655, 99-108.	1.0	20
66	Longâ€standing environmental conditions, geographic isolation and hostâ€"symbiont specificity influence the relative ecological dominance and genetic diversification of coral endosymbionts in the genus Symbiodinium. Journal of Biogeography, 2010, 37, 785-800.	1.4	342
67	The Lagoon at Caroline/Millennium Atoll, Republic of Kiribati: Natural History of a Nearly Pristine Ecosystem. PLoS ONE, 2010, 5, e10950.	1.1	22
68	Zooxanthellae Densities are Highest in Summer Months in Equatorial Corals in Kenya. Western Indian Ocean Journal of Marine Science, 2010, 8, .	0.1	2
69	Reef corals bleach to resist stress. Marine Pollution Bulletin, 2009, 58, 206-212.	2.3	31
70	The coral reef crisis: The critical importance of<350ppm CO2. Marine Pollution Bulletin, 2009, 58, 1428-1436.	2.3	367
71	One-Third of Reef-Building Corals Face Elevated Extinction Risk from Climate Change and Local Impacts. Science, 2008, 321, 560-563.	6.0	1,142
72	US Coral Reefs in the Line and Phoenix Islands, Central Pacific Ocean: Status, Threats and Significance. , 2008, , 643-654.		15

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73	Baselines and Degradation of Coral Reefs in the Northern Line Islands. PLoS ONE, 2008, 3, e1548.	1.1	711
74	Patterns of coral larval settlement on lagoon reefs in the Mombasa Marine National Park and Reserve, Kenya. Marine Ecology - Progress Series, 2007, 348, 149-159.	0.9	28
75	Management response to a bleaching event. Coastal and Estuarine Studies, 2006, , 181-206.	0.4	6
76	Indirect effects of algae on coral: algae-mediated, microbe-induced coral mortality. Ecology Letters, 2006, 9, 835-845.	3.0	444
77	Impacts of the 26 December 2004 tsunami in Eastern Africa. Ocean and Coastal Management, 2006, 49, 873-888.	2.0	19
78	Resilience and climate change: lessons from coral reefs and bleaching in the Western Indian Ocean. Estuarine, Coastal and Shelf Science, 2005, 63, 353-372.	0.9	112
79	Corals and reefs of Cosmoledo and Aldabra atolls: Extent of damage, assemblage shifts and recovery following the severe mortality of 1998. Journal of Natural History, 2005, 39, 103-121.	0.2	34
80	The Negative Impacts of Human Activities in the Eastern African Region: An International Waters Perspective. Ambio, 2004, 33, 24-33.	2.8	27
81	Monitoring of fish and fish catches by local fishermen in Kenya and Tanzania. Marine and Freshwater Research, 2002, 53, 215.	0.7	44
82	Kenya. Marine Pollution Bulletin, 2001, 42, 1264-1278.	2.3	57
83	Sedimentation effects on shallow coral communities in Kenya. Journal of Experimental Marine Biology and Ecology, 1997, 209, 103-122.	0.7	137
84	Effect of Sea Urchin Reductions on Algae, Coral, and Fish Populations. Conservation Biology, 1996, 10, 136-154.	2.4	122
85	Status of Kenyan Coral Reefs. Coastal Management, 1995, 23, 57-76.	1.0	43