Magnus NystrÃ¶m

List of Publications by Year
in descending order

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51	10,623	81900	189892
papers	citations	39 h-index	50 g-index

51	51	51	10499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Confronting the coral reef crisis. Nature, 2004, 429, 827-833.	27.8	2,695
2	Response diversity, ecosystem change, and resilience. Frontiers in Ecology and the Environment, 2003, 1, 488-494.	4.0	1,409
3	Coral reef disturbance and resilience in a human-dominated environment. Trends in Ecology and Evolution, 2000, 15, 413-417.	8.7	606
4	ECOLOGY: Globalization, Roving Bandits, and Marine Resources. Science, 2006, 311, 1557-1558.	12.6	592
5	Reserves, Resilience and Dynamic Landscapes. Ambio, 2003, 32, 389-396.	5.5	480
6	Alternative states on coral reefs: beyond coralâ€“macroalgal phase shifts. Marine Ecology - Progress Series, 2009, 376, 295-306.	1.9	470
7	Spatial Resilience of Coral Reefs. Ecosystems, 2001, 4, 406-417.	3.4	363
8	The Blue Acceleration: The Trajectory of Human Expansion into the Ocean. One Earth, 2020, 2, 43-54.	6.8	317
9	Capturing the cornerstones of coral reef resilience: linking theory to practice. Coral Reefs, 2008, 27, 795-809.	2.2	240
10	Anatomy and resilience of the global production ecosystem. Nature, 2019, 575, 98-108.	27.8	203
11	Operationalizing resilience for adaptive coral reef management under global environmental change. Global Change Biology, 2015, 21, 48-61.	9.5	201
12	Managing resilience to reverse phase shifts in coral reefs. Frontiers in Ecology and the Environment, 2013, 11, 541-548.	4.0	199
13	Transnational corporations and the challenge of biosphere stewardship. Nature Ecology and Evolution, 2019, 3, 1396-1403.	7.8	194
14	Coral reefs as novel ecosystems: embracing new futures. Current Opinion in Environmental Sustainability, 2014, 7, 9-14.	6.3	181
15	Confronting Feedbacks of Degraded Marine Ecosystems. Ecosystems, 2012, 15, 695-710.	3.4	179
16	Redundancy and Response Diversity of Functional Groups: Implications for the Resilience of Coral Reefs. Ambio, 2006, 35, 30-35.	5.5	172
17	Middlemen, a critical social-ecological link in coastal communities of Kenya and Zanzibar. Marine Policy, 2010, 34, 761-771.	3.2	151
18	The future of resilience-based management in coral reef ecosystems. Journal of Environmental Management, 2019, 233, 291-301.	7.8	143

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19	The non-linear relationship between body size and function in parrotfishes. Coral Reefs, 2008, 27, 967-974.	2.2	133
20	Anthropocene risk. Nature Sustainability, 2019, 2, 667-673.	23.7	133
21	Identifying multiple coral reef regimes and their drivers across the Hawaiian archipelago. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130268.	4.0	129
22	Discontinuities, crossâ€scale patterns, and the organization of ecosystems. Ecology, 2014, 95, 654-667.	3.2	109
23	Masked, diluted and drowned out: how global seafood trade weakens signals from marine ecosystems. Fish and Fisheries, 2016, 17, 1175-1182.	5.3	104
24	Guiding coral reef futures in the Anthropocene. Frontiers in Ecology and the Environment, 2016, 14, 490-498.	4.0	103
25	Exploring â€˜knownsâ€™ and â€˜unknownsâ€™ in tropical seascape connectivity with insights from East African coral reefs. Estuarine, Coastal and Shelf Science, 2012, 107, 1-21.	2.1	88
26	Coral reef ecology in the Anthropocene. Functional Ecology, 2019, 33, 1014-1022.	3.6	86
27	Adaptive Management of the Great Barrier Reef and the Grand Canyon World Heritage Areas. Ambio, 2007, 36, 586-592.	5.5	77
28	Parsing human and biophysical drivers of coral reef regimes. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182544.	2.6	72
29	Responses of algae, corals and fish to the reduction of macroalgae in fished and unfished patch reefs of Glovers Reef Atoll, Belize. Coral Reefs, 2001, 19, 367-379.	2.2	65
30	Management applications of discontinuity theory. Journal of Applied Ecology, 2016, 53, 688-698.	4.0	59
31	Advancing the integration of spatial data to map human and natural drivers on coral reefs. PLoS ONE, 2018, 13, e0189792.	2.5	59
32	Human impacts on the speciesâ€“area relationship in reef fish assemblages. Ecology Letters, 2007, 10, 760-772.	6.4	57
33	Tracing value chains to understand effects of trade on coral reef fish in Zanzibar, Tanzania. Marine Policy, 2013, 38, 246-256.	3.2	54
34	Biological invasions, ecological resilience and adaptive governance. Journal of Environmental Management, 2016, 183, 399-407.	7.8	54
35	Marine Ecosystem Science on an Intertwined Planet. Ecosystems, 2017, 20, 54-61.	3.4	54
36	Effects of the multiple stressors copper and reduced salinity on the metabolism of the hermatypic coral Porites lutea. Marine Environmental Research, 2001, 52, 289-299.	2.5	49

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37	Ecological limitations to the resilience of coral reefs. Coral Reefs, 2016, 35, 1271-1280.	2.2	44
38	Impacts of artisanal fishing on key functional groups and the potential vulnerability of coral reefs. Environmental Conservation, 2009, 36, 327-337.	1.3	40
39	Redundancy and response diversity of functional groups: implications for the resilience of coral reefs. Ambio, 2006, 35, 30-5.	5.5	40
40	Can web crawlers revolutionize ecological monitoring?. Frontiers in Ecology and the Environment, 2010, 8, 99-104.	4.0	35
41	Combining fish and benthic communities into multiple regimes reveals complex reef dynamics. Scientific Reports, 2018, 8, 16943.	3.3	35
42	Panarchy: opportunities and challenges for ecosystem management. Frontiers in Ecology and the Environment, 2020, 18, 576-583.	4.0	32
43	Habitat structure and body size distributions: crossâ€ecosystem comparison for taxa with determinate and indeterminate growth. Oikos, 2014, 123, 971-983.	2.7	27
44	Trading with Resilience: Parrotfish Trade and the Exploitation of Key-Ecosystem Processes in Coral Reefs. Coastal Management, 2011, 39, 396-411.	2.0	25
45	Impact of the herbicides 2,4-D and diuron on the metabolism of the coral Porites cylindrica. Marine Environmental Research, 2003, 56, 503-514.	2.5	21
46	Red and green loops help uncover missing feedbacks in a coral reef socialâ€“ecological system. People and Nature, 2020, 2, 608-618.	3.7	11
47	Differences in physiological response to increased seawater temperature in nearshore and offshore corals in northern Vietnam. Marine Environmental Research, 2011, 71, 225-233.	2.5	10
48	An invitation for more research on transnational corporations and the biosphere. Nature Ecology and Evolution, 2020, 4, 494-494.	7.8	9
49	Reserves, resilience and dynamic landscapes 20Âyears later. Ambio, 2021, 50, 962-966.	5.5	9
50	Corals and phase shifts. Trends in Ecology and Evolution, 2001, 16, 127.	8.7	3
51	Regime Shifts and Spatial Resilience in a Coral Reef Seascape. , 2017, , 301-322.		2