Agostino Merico

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1483158/publications.pdf

Version: 2024-02-01

58 papers	2,176 citations	186265 28 h-index	265206 42 g-index
61 all docs	61 docs citations	61 times ranked	2999 citing authors

#	Article	IF	Citations
1	Modelling the acclimation capacity of coral reefs to a warming ocean. PLoS Computational Biology, 2022, 18, e1010099.	3.2	1
2	Rise of calcispheres during the Carnian Pluvial Episode (Late Triassic). Global and Planetary Change, 2021, 200, 103453.	3.5	11
3	Communication Among Harvesters Leads to Sustainable Fishing Behaviour in a Continuous Time Common Pool Resource Experiment. Frontiers in Marine Science, 2021, 8, .	2.5	0
4	Mortality of seabirds migrating across the tropical Atlantic in relation to oceanographic processes. Animal Conservation, 2020, 23, 307-319.	2.9	13
5	The long-term legacy of plastic mass production. Science of the Total Environment, 2020, 746, 141115.	8.0	73
6	Vulnerability of global coral reef habitat suitability to ocean warming, acidification and eutrophication. Global Change Biology, 2020, 26, 5646-5660.	9.5	41
7	Extinction and dawn of the modern world in the Carnian (Late Triassic). Science Advances, 2020, 6, .	10.3	116
8	Effects of cooperation and different characteristics of Marine Protected Areas in a simulated small-scale fishery. Ecological Complexity, 2020, 44, 100876.	2.9	4
9	Density and composition of surface and buried plastic debris in beaches of Senegal. Science of the Total Environment, 2020, 737, 139633.	8.0	27
10	Confidence intervals and sample size for estimating the prevalence of plastic debris in seabird nests. Environmental Pollution, 2020, 263, 114394.	7.5	17
11	Anthropogenic debris accumulated in nests of seabirds in an uninhabited island in West Africa. Biological Conservation, 2019, 236, 586-592.	4.1	25
12	Extraction Behaviour and Income Inequalities Resulting from a Common Pool Resource Exploitation. Sustainability, 2019, 11, 536.	3.2	5
13	Traits Shared by Marine Megafauna and Their Relationships With Ecosystem Functions and Services. Frontiers in Marine Science, 2019, 6, .	2.5	39
14	Sundaland Peat Carbon Dynamics and Its Contribution to the Holocene Atmospheric CO₂ Concentration. Global Biogeochemical Cycles, 2018, 32, 704-719.	4.9	5
15	Phytoplankton size diversity and ecosystem function relationships across oceanic regions. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180621.	2.6	38
16	Interspecific variation of essential and non-essential trace elements in sympatric seabirds. Environmental Pollution, 2018, 242, 470-479.	7.5	12
17	Multiple negative carbon-isotope excursions during the Carnian Pluvial Episode (Late Triassic). Earth-Science Reviews, 2018, 185, 732-750.	9.1	81
18	Incidence of marine debris in seabirds feeding at different water depths. Marine Pollution Bulletin, 2017, 119, 68-73.	5.0	45

#	Article	IF	Citations
19	A Trait-Based Model for Describing the Adaptive Dynamics of Coral-Algae Symbiosis. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	7
20	Models of Easter Island Human-Resource Dynamics: Advances and Gaps. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	7
21	OGUMIâ€"A new mobile application to conduct common-pool resource experiments in continuous time. PLoS ONE, 2017, 12, e0178951.	2.5	3
22	PhytoSFDM version 1.0.0: Phytoplankton Size and Functional Diversity Model. Geoscientific Model Development, 2016, 9, 4071-4085.	3.6	12
23	The impact of Indonesian peatland degradation on downstream marine ecosystems and the global carbon cycle. Global Change Biology, 2016, 22, 325-337.	9.5	22
24	Phytoplankton size-diversity mediates an emergent trade-off in ecosystem functioning for rare versus frequent disturbances. Scientific Reports, 2016, 6, 34170.	3.3	36
25	Flexible phytoplankton functional type (FlexPFT) model: size-scaling of traits and optimal growth. Journal of Plankton Research, 2016, 38, 977-992.	1.8	43
26	Stranding Events of Kogia Whales along the Brazilian Coast. PLoS ONE, 2016, 11, e0146108.	2.5	21
27	Quantifying the relative importance of transcellular and paracellular ion transports to coral polyp calcification. Frontiers in Earth Science, 2015, 2, .	1.8	22
28	The slow demise of Easter Island: insights from a modeling investigation. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	29
29	Suitable Environmental Ranges for Potential Coral Reef Habitats in the Tropical Ocean. PLoS ONE, 2015, 10, e0128831.	2.5	48
30	Environmental and anthropogenic factors structuring waterbird habitats of tropical coastal lagoons: Implications for management. Biological Conservation, 2015, 186, 12-21.	4.1	70
31	Severity of ocean acidification following the end-Cretaceous asteroid impact. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6556-6561.	7.1	31
32	Mechanisms shaping size structure and functional diversity of phytoplankton communities in the ocean. Scientific Reports, 2015, 5, 8918.	3.3	92
33	Assessment of trace elements, POPs, 210Po and stable isotopes (15N and 13C) in a rare filter-feeding shark: The megamouth. Marine Pollution Bulletin, 2015, 95, 402-406.	5.0	13
34	A carbonate platform associated with shallow cold methane seeps in Golfo Dulce, Pacific Costa Rica. Galaxea, 2015, 17, 13-14.	0.7	4
35	Sustaining diversity in trait-based models of phytoplankton communities. Frontiers in Ecology and Evolution, 2014, 2, .	2.2	29
36	A glimpse into the future composition of marine phytoplankton communities. Frontiers in Marine Science, 2014, 1, .	2.5	25

#	Article	IF	Citations
37	Massive coral tissue ablations in reefs of Pacific Costa Rica. Galaxea, 2014, 16, 13-14.	0.7	5
38	Leaving misleading legacies behind in plankton ecosystem modelling. Journal of Plankton Research, 2014, 36, 613-620.	1.8	33
39	Sizing-up nutrient uptake kinetics: combining a physiological trade-off with size-scaling of phytoplankton traits. Marine Ecology - Progress Series, 2014, 511, 33-39.	1.9	12
40	Biogeographical patterns of phytoplankton community size structure in the oceans. Global Ecology and Biogeography, 2013, 22, 1060-1070.	5.8	44
41	Tipping points and user-resource system collapse in a simple model of evolutionary dynamics. Ecological Complexity, 2013, 13, 46-52.	2.9	6
42	Modelling coral polyp calcification in relation to ocean acidification. Biogeosciences, 2012, 9, 4441-4454.	3.3	29
43	Human Adaptive Behavior in Common Pool Resource Systems. PLoS ONE, 2012, 7, e52763.	2.5	14
44	Optimalityâ€based modeling of planktonic organisms. Limnology and Oceanography, 2011, 56, 2080-2094.	3.1	67
45	Phenological shifts of three interacting zooplankton groups in relation to climate change. Global Change Biology, 2010, 16, 3144-3153.	9.5	8
46	A trait-based approach for downscaling complexity in plankton ecosystem models. Ecological Modelling, 2009, 220, 3001-3010.	2.5	78
47	Importance of resuspended sediment dynamics for the phytoplankton spring bloom in a coastal marine ecosystem. Journal of Sea Research, 2009, 62, 214-228.	1.6	54
48	A statistical analysis of climate variability and ecosystem response in the German Bight. Ocean Dynamics, 2008, 58, 169-186.	2.2	37
49	Eocene/Oligocene ocean de-acidification linked to Antarctic glaciation by sea-level fall. Nature, 2008, 452, 979-982.	27.8	95
50	Carbon and nutrient mixed layer dynamics in the Norwegian Sea. Biogeosciences, 2008, 5, 1395-1410.	3.3	26
51	Factors controlling the summer Emiliania huxleyi bloom in the Black Sea: A modeling study. Journal of Marine Systems, 2006, 59, 173-188.	2.1	45
52	Is there any relationship between phytoplankton seasonal dynamics and the carbonate system?. Journal of Marine Systems, 2006, 59, 120-142.	2.1	48
53	Nitrate : phosphate ratios and Emiliania huxleyi blooms. Limnology and Oceanography, 2005, 50, 1020-1024.	3.1	77
54	Effect of seafloor depth on phytoplankton blooms in high-nitrate, low-chlorophyll (HNLC) regions. Journal of Geophysical Research, 2005, 110, n/a-n/a.	3.3	49

#	Article	IF	Citations
55	Modelling phytoplankton succession on the Bering Sea shelf: role of climate influences and trophic interactions in generating Emiliania huxleyi blooms 1997â€“2000. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1803-1826.	1.4	76
56	Emiliania huxleyi: bloom observations and the conditions that induce them. , 2004, , 75-97.		198
57	Analysis of satellite imagery forEmiliania huxleyiblooms in the Bering Sea before 1997. Geophysical Research Letters, 2003, 30, .	4.0	56
58	The cause of bright waters in the Bering Sea in winter. Continental Shelf Research, 2003, 23, 1579-1596.	1.8	49