Rosabruna La Ferla

List of Publications by Year
in descending order

57 papers	1,171 citations	361413 20 h-index	434195 31 g-index

57 all docs	57 docs citations	57 times ranked	1416 citing authors

#	Article	IF	Citations
1	Do plastics serve as a possible vector for the spread of antibiotic resistance? First insights from bacteria associated to a polystyrene piece from King George Island (Antarctica). International Journal of Hygiene and Environmental Health, 2019, 222, 89-100.	4.3	135
2	Spatial and temporal variability of pico-, nano- and microphytoplankton in the offshore waters of the southern Adriatic Sea (Mediterranean Sea). Continental Shelf Research, 2012, 44, 94-105.	1.8	67
3	Microbial assemblages for environmental quality assessment: Knowledge, gaps and usefulness in the European Marine Strategy Framework Directive. Critical Reviews in Microbiology, 2016, 42, 883-904.	6.1	61
4	Microbial contribution to carbon biogeochemistry in the Central Mediterranean Sea: Variability of activities and biomass. Journal of Marine Systems, 2005, 57, 146-166.	2.1	45
5	A multidisciplinary study of the Cape Peloro brackish area (Messina, Italy): characterisation of trophic conditions, microbial abundances and activities. Marine Ecology, 2009, 30, 33-42.	1.1	42
6	A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. Marine Pollution Bulletin, 2015, 95, 28-39.	5.0	41
7	Enzymatic Activities and Prokaryotic Abundance in Relation to Organic Matter along a Westâ€“East Mediterranean Transect (TRANSMED Cruise). Microbial Ecology, 2012, 64, 54-66.	2.8	39
8	Prokaryotic dynamics and heterotrophic metabolism in a deep convection site of Eastern Mediterranean Sea (the Southern Adriatic Pit). Continental Shelf Research, 2012, 44, 106-118.	1.8	35
9	Effects of microplastics on trophic parameters, abundance and metabolic activities of seawater and fish gut bacteria in mesocosm conditions. Environmental Science and Pollution Research, 2018, 25, 30067-30083.	5.3	35
10	Distribution patterns of carbon oxidation in the eastern Mediterranean Sea: Evidence of changes in the remineralization processes. Journal of Geophysical Research, 2003, 108, .	3.3	32
11	Dynamics of extracellular enzymatic activities in a shallow Mediterranean ecosystem (Tindari ponds,) Tj ETQq1 1 0.784314 rgBT /Over	1.3	32
12	Particulate matter composition and bacterial distribution in Terra Nova Bay (Antarctica) during summer 1989â€“1990. Polar Biology, 1995, 15, 393-400.	1.2	29
13	Vertical distribution of the prokaryotic cell size in the Mediterranean Sea. Helgoland Marine Research, 2012, 66, 635-650.	1.3	27
14	Microbial community and its potential as descriptor of environmental status. ICES Journal of Marine Science, 2016, 73, 2174-2177.	2.5	27
15	Microbial Assemblages in Pressurized Antarctic Brine Pockets (Tarn Flat, Northern Victoria Land): A Hotspot of Biodiversity and Activity. Microorganisms, 2019, 7, 333.	3.6	26
16	Morphology and LPS content for the estimation of marine bacterioplankton biomass in the Ionian Sea. Scientia Marina, 2004, 68, 23-31.	0.6	26
17	Microbial respiration in the Levantine Sea: evolution of the oxidative processes in relation to the main Mediterranean water masses. Deep-Sea Research Part I: Oceanographic Research Papers, 2001, 48, 2147-2159.	1.4	25
18	Microbial respiration in the aphotic zone of the Ross Sea (Antarctica). Marine Chemistry, 2006, 99, 199-209.	2.3	25

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19	Ecological implications of biomass and morphotype variations of bacterioplankton: an example in a coastal zone of the Northern Adriatic Sea (Mediterranean). Marine Ecology, 2005, 26, 82-88.	1.1	23
20	Deep-chlorophyll maximum time series in the Augusta Gulf (Ionian Sea): Microbial community structures and functions. Chemistry and Ecology, 2004, 20, 267-284.	1.6	20
21	Prokaryotic activities and abundance in pelagic areas of the Ionian Sea. Chemistry and Ecology, 2010, 26, 169-197.	1.6	20
22	Are prokaryotic cell shape and size suitable to ecosystem characterization?. Hydrobiologia, 2014, 726, 65-80.	2.0	20
23	Prokaryotic assemblages within permafrost active layer at Edmonson Point (Northern Victoria Land,) Tj ETQq1 1 0.784314 rgBT /Over	8.8	20
24	Prokaryotic abundance and heterotrophic metabolism in the deep Mediterranean Sea. Advances in Oceanography and Limnology, 2010, 1, 143.	0.6	20
25	Title is missing!. Aquatic Ecology, 1999, 33, 157-165.	1.5	18
26	Microbial respiration and trophic regimes in the Northern Adriatic Sea (Mediterranean Sea). Estuarine, Coastal and Shelf Science, 2006, 69, 196-204.	2.1	18
27	Microbial respiratory and ectoenzymatic activities in the Northern Adriatic Sea (Mediterranean Sea). Chemistry and Ecology, 2002, 18, 75-84.	1.6	17
28	Prokaryotic Abundance and Activity in Permafrost of the Northern Victoria Land and Upper Victoria Valley (Antarctica). Microbial Ecology, 2017, 74, 402-415.	2.8	17
29	Dynamics of bacterioplankton activities after a summer phytoplankton bloom period in Terra Nova Bay. Antarctic Science, 2003, 15, 85-93.	0.9	16
30	Seasonal Dynamics of Prokaryotic Abundance and Activities in Relation to Environmental Parameters in a Transitional Aquatic Ecosystem (Cape Peloro, Italy). Microbial Ecology, 2014, 67, 45-56.	2.8	14
31	Nutrient regeneration mediated by extracellular enzymes in water column and interstitial water through a microcosm experiment. Science of the Total Environment, 2019, 670, 982-992.	8.0	14
32	Cell size and other phenotypic traits of prokaryotic cells in pelagic areas of the Ross Sea (Antarctica). Hydrobiologia, 2015, 761, 181-194.	2.0	13
33	Lignicolous marine fungi in the Straits of Messina, Italy. Hydrobiologia, 1990, 206, 149-154.	2.0	12
34	Determination of living and active bacterioplankton: a comparison of methods. Chemistry and Ecology, 2004, 20, 411-422.	1.6	12
35	The carbon budget in the northern Adriatic Sea, a winter case study. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1399-1417.	3.0	12
36	Metabolic CO₂ production in the Mediterranean Sea: A case study for estimating carbon budget in the sea. Scientia Marina, 2004, 68, 57-64.	0.6	12

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37	Observations on the Microbial Biomass in two Stations of Terra Nova Bay (Antarctica) by ATP and LPS Measurements. Marine Ecology, 1995, 16, 307-315.	1.1	11
38	Environmental variability in a transitional Mediterranean system (Oliveriâ€"Tindari, Italy): Focusing on the response of microbial activities and prokaryotic abundance. Estuarine, Coastal and Shelf Science, 2013, 135, 158-170.	2.1	10
39	Biogeochemical patterns and microbial processes in the Eastern Mediterranean Deep Water of Ionian Sea. Hydrobiologia, 2018, 815, 97-112.	2.0	9
40	Distribution of the prokaryotic biomass and community respiration in the main water masses of the Southern Tyrrhenian Sea (June and December 2005). Advances in Oceanography and Limnology, 2010, 1, 235.	0.6	9
41	Prokaryotic abundance and heterotrophic metabolism in the deep Mediterranean Sea. Advances in Oceanography and Limnology, 2010, 1, 143-166.	0.6	8
42	Different pathways of nitrogen and phosphorus regeneration mediated by extracellular enzymes in temperate lakes under various trophic state. Environmental Science and Pollution Research, 2018, 25, 31603-31615.	5.3	8
43	Microbial Abundance and Enzyme Activity Patterns: Response to Changing Environmental Characteristics along a Transect in Kongsfjorden (Svalbard Islands). Journal of Marine Science and Engineering, 2020, 8, 824.	2.6	8
44	Distribution of the prokaryotic biomass and community respiration in the main water masses of the Southern Tyrrhenian Sea (June and December 2005). Advances in Oceanography and Limnology, 2010, 1, 235-257.	0.6	7
45	Microbial metabolic rates in the Ross Sea: the ABIOCLEAR Project. Nature Conservation, 0, 34, 441-475.	0.0	7
46	Seasonal changes on microbial metabolism and biomass in the euphotic layer of Sicilian Channel. Marine Environmental Research, 2015, 112, 20-32.	2.5	5
47	Relationships between electron transport system (ETS) activity and particulate organic matter features in three areas of the Ross Sea (Antarctica). Journal of Sea Research, 2017, 129, 42-52.	1.6	5
48	Regulation of Microbial Activity Rates by Organic Matter in the Ross Sea during the Austral Summer 2017. Microorganisms, 2020, 8, 1273.	3.6	5
49	The prokaryotic community in an extreme Antarctic environment: the brines of Boulder Clay lakes (Northern Victoria Land). Hydrobiologia, 2021, 848, 1837-1857.	2.0	5
50	First Insights into the Microbiology of Three Antarctic Briny Systems of the Northern Victoria Land. Diversity, 2021, 13, 323.	1.7	5
51	Effect of Hydrocarbons and Decontaminating Substances on Bacterial Flora of Coastal Sediments. Marine Ecology, 1989, 10, 365-375.	1.1	4
52	Microbiological characterization of a semi-enclosed sub-Antarctic environment: the Straits of Magellan. Polar Biology, 2010, 33, 1485-1504.	1.2	4
53	Trophic structure and microbial activity in a spawning area of Engraulis encrasicolus. Estuarine, Coastal and Shelf Science, 2018, 207, 215-222.	2.1	4
54	Effects of climate changes on the microbial activities and prokaryotic abundances in the euphotic layer of the Central Mediterranean Sea. Hydrobiologia, 2019, 842, 5-30.	2.0	4

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55	Phenotypic Variations of Oleispira antarctica RB-8(T) in Different Growth Conditions. Current Microbiology, 2020, 77, 3414-3421.	2.2	4
56	Microbial parameters for advanced ecosystem models. Elsevier Oceanography Series, 2002, , 517-524.	0.1	1
57	Ice Melt-Induced Variations of Structural and Functional Traits of the Aquatic Microbial Community along an Arctic River (Pasvik River, Norway). Water (Switzerland), 2021, 13, 2297.	2.7	1