

# Rosabruna La Ferla

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | The prokaryotic community in an extreme Antarctic environment: the brines of Boulder Clay lakes (Northern Victoria Land). <i>Hydrobiologia</i> , 2021, 848, 1837-1857.   | 2.0 | 5         |
| 2  | First Insights into the Microbiology of Three Antarctic Briny Systems of the Northern Victoria Land. <i>Diversity</i> , 2021, 13, 323.   | 1.7 | 5         |
| 3  | Ice Melt-Induced Variations of Structural and Functional Traits of the Aquatic Microbial Community along an Arctic River (Pasvik River, Norway). <i>Water (Switzerland)</i> , 2021, 13, 2297.  | 2.7 | 1         |
| 4  | Phenotypic Variations of <i>Oleispira antarctica</i> RB-8(T) in Different Growth Conditions. <i>Current Microbiology</i> , 2020, 77, 3414-3421.  | 2.2 | 4         |
| 5  | Regulation of Microbial Activity Rates by Organic Matter in the Ross Sea during the Austral Summer 2017. <i>Microorganisms</i> , 2020, 8, 1273.  | 3.6 | 5         |
| 6  | Microbial Abundance and Enzyme Activity Patterns: Response to Changing Environmental Characteristics along a Transect in Kongsfjorden (Svalbard Islands). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 824.   | 2.6 | 8         |
| 7  | Effects of climate changes on the microbial activities and prokaryotic abundances in the euphotic layer of the Central Mediterranean Sea. <i>Hydrobiologia</i> , 2019, 842, 5-30.  | 2.0 | 4         |
| 8  | Microbial Assemblages in Pressurized Antarctic Brine Pockets (Tarn Flat, Northern Victoria Land): A Hotspot of Biodiversity and Activity. <i>Microorganisms</i> , 2019, 7, 333.  | 3.6 | 26        |
| 9  | Nutrient regeneration mediated by extracellular enzymes in water column and interstitial water through a microcosm experiment. <i>Science of the Total Environment</i> , 2019, 670, 982-992.   | 8.0 | 14        |
| 10 | 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). <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 89-100. | 4.3 | 135       |
| 11 | Biogeochemical patterns and microbial processes in the Eastern Mediterranean Deep Water of Ionian Sea. <i>Hydrobiologia</i> , 2018, 815, 97-112.   | 2.0 | 9         |
| 12 | Trophic structure and microbial activity in a spawning area of <i>Engraulis encrasicolus</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 215-222.   | 2.1 | 4         |
| 13 | Different pathways of nitrogen and phosphorus regeneration mediated by extracellular enzymes in temperate lakes under various trophic state. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31603-31615.  | 5.3 | 8         |
| 14 | Prokaryotic assemblages within permafrost active layer at Edmonson Point (Northern Victoria Land,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>  | 8.8 | 20        |
| 15 | Effects of microplastics on trophic parameters, abundance and metabolic activities of seawater and fish gut bacteria in mesocosm conditions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30067-30083.  | 5.3 | 35        |
| 16 | Prokaryotic Abundance and Activity in Permafrost of the Northern Victoria Land and Upper Victoria Valley (Antarctica). <i>Microbial Ecology</i> , 2017, 74, 402-415.   | 2.8 | 17        |
| 17 | Relationships between electron transport system (ETS) activity and particulate organic matter features in three areas of the Ross Sea (Antarctica). <i>Journal of Sea Research</i> , 2017, 129, 42-52.   | 1.6 | 5         |
| 18 | Microbial community and its potential as descriptor of environmental status. <i>ICES Journal of Marine Science</i> , 2016, 73, 2174-2177.  | 2.5 | 27        |

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|----|---|-----|-----------|
| 19 | Microbial assemblages for environmental quality assessment: Knowledge, gaps and usefulness in the European Marine Strategy Framework Directive. <i>Critical Reviews in Microbiology</i> , 2016, 42, 883-904.                              | 6.1 | 61        |
| 20 | Cell size and other phenotypic traits of prokaryotic cells in pelagic areas of the Ross Sea (Antarctica). <i>Hydrobiologia</i> , 2015, 761, 181-194.  | 2.0 | 13        |
| 21 | Seasonal changes on microbial metabolism and biomass in the euphotic layer of Sicilian Channel. <i>Marine Environmental Research</i> , 2015, 112, 20-32.  | 2.5 | 5         |
| 22 | A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. <i>Marine Pollution Bulletin</i> , 2015, 95, 28-39.   | 5.0 | 41        |
| 23 | Are prokaryotic cell shape and size suitable to ecosystem characterization?. <i>Hydrobiologia</i> , 2014, 726, 65-80.   | 2.0 | 20        |
| 24 | Seasonal Dynamics of Prokaryotic Abundance and Activities in Relation to Environmental Parameters in a Transitional Aquatic Ecosystem (Cape Peloro, Italy). <i>Microbial Ecology</i> , 2014, 67, 45-56.                                   | 2.8 | 14        |
| 25 | The carbon budget in the northern Adriatic Sea, a winter case study. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2014, 119, 1399-1417.   | 3.0 | 12        |
| 26 | Environmental variability in a transitional Mediterranean system (Oliveriâ€Tindari, Italy): Focusing on the response of microbial activities and prokaryotic abundance. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 135, 158-170. | 2.1 | 10        |
| 27 | Vertical distribution of the prokaryotic cell size in the Mediterranean Sea. <i>Helgoland Marine Research</i> , 2012, 66, 635-650.  | 1.3 | 27        |
| 28 | Spatial and temporal variability of pico-, nano- and microphytoplankton in the offshore waters of the southern Adriatic Sea (Mediterranean Sea). <i>Continental Shelf Research</i> , 2012, 44, 94-105.                                    | 1.8 | 67        |
| 29 | Prokaryotic dynamics and heterotrophic metabolism in a deep convection site of Eastern Mediterranean Sea (the Southern Adriatic Pit). <i>Continental Shelf Research</i> , 2012, 44, 106-118.  | 1.8 | 35        |
| 30 | Enzymatic Activities and Prokaryotic Abundance in Relation to Organic Matter along a Westâ€East Mediterranean Transect (TRANSMED Cruise). <i>Microbial Ecology</i> , 2012, 64, 54-66.   | 2.8 | 39        |
| 31 | Microbiological characterization of a semi-enclosed sub-Antarctic environment: the Straits of Magellan. <i>Polar Biology</i> , 2010, 33, 1485-1504.   | 1.2 | 4         |
| 32 | Prokaryotic abundance and heterotrophic metabolism in the deep Mediterranean Sea. <i>Advances in Oceanography and Limnology</i> , 2010, 1, 143-166.   | 0.6 | 8         |
| 33 | Distribution of the prokaryotic biomass and community respiration in the main water masses of the Southern Tyrrhenian Sea (June and December 2005). <i>Advances in Oceanography and Limnology</i> , 2010, 1, 235-257.                     | 0.6 | 7         |
| 34 | Prokaryotic activities and abundance in pelagic areas of the Ionian Sea. <i>Chemistry and Ecology</i> , 2010, 26, 169-197.  | 1.6 | 20        |
| 35 | Prokaryotic abundance and heterotrophic metabolism in the deep Mediterranean Sea. <i>Advances in Oceanography and Limnology</i> , 2010, 1, 143.   | 0.6 | 20        |
| 36 | Distribution of the prokaryotic biomass and community respiration in the main water masses of the Southern Tyrrhenian Sea (June and December 2005). <i>Advances in Oceanography and Limnology</i> , 2010, 1, 235.                         | 0.6 | 9         |

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|----|--|-----|-----------|
| 37 | A multidisciplinary study of the Cape Peloro brackish area (Messina, Italy): characterisation of trophic conditions, microbial abundances and activities. <i>Marine Ecology</i> , 2009, 30, 33-42.                         | 1.1 | 42        |
| 38 | Microbial respiration in the aphotic zone of the Ross Sea (Antarctica). <i>Marine Chemistry</i> , 2006, 99, 199-209.   | 2.3 | 25        |
| 39 | Microbial respiration and trophic regimes in the Northern Adriatic Sea (Mediterranean Sea). <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 196-204.   | 2.1 | 18        |
| 40 | Dynamics of extracellular enzymatic activities in a shallow Mediterranean ecosystem (Tindari ponds, Sicily). <i>Journal of Marine Research</i> , 2003, 61, 101-113.  | 1.3 | 32        |
| 41 | Ecological implications of biomass and morphotype variations of bacterioplankton: an example in a coastal zone of the Northern Adriatic Sea (Mediterranean). <i>Marine Ecology</i> , 2005, 26, 82-88.                      | 1.1 | 23        |
| 42 | Microbial contribution to carbon biogeochemistry in the Central Mediterranean Sea: Variability of activities and biomass. <i>Journal of Marine Systems</i> , 2005, 57, 146-166.  | 2.1 | 45        |
| 43 | Determination of living and active bacterioplankton: a comparison of methods. <i>Chemistry and Ecology</i> , 2004, 20, 411-422.  | 1.6 | 12        |
| 44 | Deep-chlorophyll maximum time series in the Augusta Gulf (Ionian Sea): Microbial community structures and functions. <i>Chemistry and Ecology</i> , 2004, 20, 267-284.   | 1.6 | 20        |
| 45 | Morphology and LPS content for the estimation of marine bacterioplankton biomass in the Ionian Sea. <i>Scientia Marina</i> , 2004, 68, 23-31.  | 0.6 | 26        |
| 46 | Metabolic CO <sub>2</sub> production in the Mediterranean Sea: A case study for estimating carbon budget in the sea. <i>Scientia Marina</i> , 2004, 68, 57-64.   | 0.6 | 12        |
| 47 | Distribution patterns of carbon oxidation in the eastern Mediterranean Sea: Evidence of changes in the remineralization processes. <i>Journal of Geophysical Research</i> , 2003, 108, .                                   | 3.3 | 32        |
| 48 | Dynamics of bacterioplankton activities after a summer phytoplankton bloom period in Terra Nova Bay. <i>Antarctic Science</i> , 2003, 15, 85-93.   | 0.9 | 16        |
| 49 | Microbial respiratory and ectoenzymatic activities in the Northern Adriatic Sea (Mediterranean Sea). <i>Chemistry and Ecology</i> , 2002, 18, 75-84.   | 1.6 | 17        |
| 50 | Microbial parameters for advanced ecosystem models. <i>Elsevier Oceanography Series</i> , 2002, , 517-524.   | 0.1 | 1         |
| 51 | Microbial respiration in the Levantine Sea: evolution of the oxidative processes in relation to the main Mediterranean water masses. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2001, 48, 2147-2159. | 1.4 | 25        |
| 52 | Title is missing!. <i>Aquatic Ecology</i> , 1999, 33, 157-165.   | 1.5 | 18        |
| 53 | Observations on the Microbial Biomass in two Stations of Terra Nova Bay (Antarctica) by ATP and LPS Measurements. <i>Marine Ecology</i> , 1995, 16, 307-315.   | 1.1 | 11        |
| 54 | Particulate matter composition and bacterial distribution in Terra Nova Bay (Antarctica) during summer 1989-1990. <i>Polar Biology</i> , 1995, 15, 393-400.  | 1.2 | 29        |

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|----|---|-----|-----------|
| 55 | Lignicolous marine fungi in the Straits of Messina, Italy. <i>Hydrobiologia</i> , 1990, 206, 149-154.                                     | 2.0 | 12        |
| 56 | Effect of Hydrocarbons and Decontaminating Substances on Bacterial Flora of Coastal Sediments. <i>Marine Ecology</i> , 1989, 10, 365-375. | 1.1 | 4         |
| 57 | Microbial metabolic rates in the Ross Sea: the ABIOCLEAR Project. <i>Nature Conservation</i> , 0, 34, 441-475.                            | 0.0 | 7         |