

Cristina Misic

List of Publications by Citations

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50
papers

822
citations

16
h-index

26
g-index

50
ext. papers

925
ext. citations

3.1
avg, IF

3.82
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 50 | Characteristics of the mesophotic megabenthic assemblages of the vercelli seamount (north tyrrhenian sea). <i>PLoS ONE</i> , 2011 , 6, e16357 | 3.7 | 105 |
| 49 | Paramuricea clavata (Anthozoa, Octocorallia) loss in the Marine Protected Area of Tavolara (Sardinia, Italy) due to a mass mortality event. <i>Marine Ecology</i> , 2011 , 32, 107-116 | 1.4 | 51 |
| 48 | Short-term variations in particulate matter flux in Terra Nova Bay, Ross Sea. <i>Antarctic Science</i> , 1997 , 9, 143-149 | 1.7 | 45 |
| 47 | Phytoplankton blooms during austral summer in the Ross Sea, Antarctica: Driving factors and trophic implications. <i>PLoS ONE</i> , 2017 , 12, e0176033 | 3.7 | 39 |
| 46 | Ectoenzymatic activity and its relationship to chlorophyll-a and bacteria in the Gulf of Genoa (Ligurian Sea, NW Mediterranean). <i>Journal of Marine Systems</i> , 2006 , 60, 193-206 | 2.7 | 36 |
| 45 | Role of filtering and biodeposition by Adamussium colbecki in circulation of organic matter in Terra Nova Bay (Ross Sea, Antarctica). <i>Journal of Marine Systems</i> , 1998 , 17, 411-424 | 2.7 | 35 |
| 44 | Vibrios in association with sedimentary crustaceans in three beaches of the northern Adriatic Sea (Italy). <i>Marine Pollution Bulletin</i> , 2008 , 56, 574-9 | 6.7 | 31 |
| 43 | Bacteria and organic matter dynamics during a bioremediation treatment of organic-rich harbour sediments. <i>Marine Pollution Bulletin</i> , 2003 , 46, 1164-73 | 6.7 | 30 |
| 42 | Ectoenzymatic ratios in relation to particulate organic matter distribution (Ross Sea, Antarctica). <i>Microbial Ecology</i> , 2002 , 44, 224-34 | 4.4 | 29 |
| 41 | Decomposition of faecal matter and somatic tissue of Mytilus galloprovincialis: changes in organic matter composition and microbial succession. <i>Marine Biology</i> , 1994 , 119, 375-384 | 2.5 | 27 |
| 40 | Organic matter features, degradation and remineralisation at two coastal sites in the Ligurian Sea (NW Mediterranean) differently influenced by anthropogenic forcing. <i>Marine Environmental Research</i> , 2011 , 72, 67-74 | 3.3 | 24 |
| 39 | Particulate organic matter composition in a semi-enclosed Periantarctic system: the Straits of Magellan. <i>Scientia Marina</i> , 1999 , 63, 89-98 | 1.8 | 23 |
| 38 | Effects of physical constraints on the lability of POM during summer in the Ross Sea. <i>Journal of Marine Systems</i> , 2017 , 166, 132-143 | 2.7 | 21 |
| 37 | Benthic communities on a sandy Ligurian beach (NW Mediterranean). <i>Hydrobiologia</i> , 2006 , 571, 383-394 | 2.4 | 21 |
| 36 | The role of pelagic-benthic coupling in structuring littoral benthic communities at Terra Nova Bay (Ross Sea) and in the Straits of Magellan. <i>Scientia Marina</i> , 1999 , 63, 113-121 | 1.8 | 21 |
| 35 | Sedimentary organic matter and bacterial community in microtidal mixed beaches of the Ligurian Sea (NW Mediterranean). <i>Chemistry and Ecology</i> , 2004 , 20, 423-435 | 2.3 | 18 |
| 34 | Land forcing controls pelagic-benthic coupling in Adelie Cove (Terra Nova Bay, Ross Sea). <i>Polar Biology</i> , 2001 , 24, 875-882 | 2 | 16 |

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| 33 | Stressors affecting the macrobenthic community in Rapallo Harbour (Ligurian Sea, Italy). <i>Scientia Marina</i> , 2007 , 71, 705-714 | 1.8 | 16 |
| 32 | Organic matter recycling in a shallow coastal zone (NW Mediterranean): The influence of local and global climatic forcing and organic matter lability on hydrolytic enzyme activity. <i>Continental Shelf Research</i> , 2008 , 28, 2725-2735 | 2.4 | 15 |
| 31 | Development of marine biofilm on plastic: ecological features in different seasons, temperatures, and light regimes. <i>Hydrobiologia</i> , 2019 , 835, 129-145 | 2.4 | 14 |
| 30 | Variations in ectoenzymatic hydrolytic activity in an oligotrophic environment (Southern Tyrrhenian Sea, W Mediterranean). <i>Journal of Marine Systems</i> , 2008 , 73, 123-137 | 2.7 | 14 |
| 29 | Enzymatic activity on sandy beaches of the Ligurian Sea (NW Mediterranean). <i>Microbial Ecology</i> , 2005 , 49, 513-22 | 4.4 | 14 |
| 28 | Enzymatic activity and organic substrates on a sandy beach of the Ligurian Sea (NW Mediterranean) influenced by anthropogenic pressure. <i>Aquatic Microbial Ecology</i> , 2007 , 47, 239-251 | 1.1 | 14 |
| 27 | Organic matter recycling in a beach environment influenced by sunscreen products and increased inorganic nutrient supply (Sturla, Ligurian Sea, NW Mediterranean). <i>Science of the Total Environment</i> , 2011 , 409, 1689-96 | 10.2 | 13 |
| 26 | Biogeochemistry and algal communities in the annual sea ice at Terra Nova Bay (Ross Sea, Antarctica). <i>Chemistry and Ecology</i> , 2004 , 20, 43-55 | 2.3 | 13 |
| 25 | Meio- and macrofauna communities in three sandy beaches of the northern Adriatic Sea protected by artificial reefs. <i>Chemistry and Ecology</i> , 2013 , 29, 181-195 | 2.3 | 12 |
| 24 | The trophic role and ecological implications of oval faecal pellets in Terra Nova Bay (Ross Sea). <i>Polar Biology</i> , 2003 , 26, 302-310 | 2 | 12 |
| 23 | An overview of the Gulf of Batabanó (Cuba): Environmental features as revealed by surface sediment characterisation. <i>Continental Shelf Research</i> , 2011 , 31, 749-757 | 2.4 | 11 |
| 22 | Trace elements in surface sediments from Kongsfjorden, Svalbard: occurrence, sources and bioavailability. <i>International Journal of Environmental Analytical Chemistry</i> , 2017 , 97, 401-418 | 1.8 | 10 |
| 21 | The seamount effects as revealed by organic matter dynamics around a shallow seamount in the Tyrrhenian Sea (Vercelli Seamount, western Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012 , 67, 1-11 | 2.5 | 10 |
| 20 | A Functional Approach to the Assessment of the Nutritional Value of Particulate Organic Matter. <i>Chemistry and Ecology</i> , 1996 , 13, 51-63 | 2.3 | 10 |
| 19 | Ectoenzymatic activity in surface waters: A transect from the Mediterranean Sea across the Indian Ocean to Australia. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006 , 53, 1517-1532 | 2.5 | 9 |
| 18 | Organic matter characterisation and turnover in the sediment and seawater of a tourist harbour. <i>Marine Environmental Research</i> , 2009 , 68, 227-35 | 3.3 | 8 |
| 17 | Macro- and meiofaunal community features in the critical environmental system of a tourist harbour (Rapallo, Ligurian Sea, NW Mediterranean). <i>Marine Environmental Research</i> , 2012 , 74, 64-72 | 3.3 | 7 |
| 16 | Relationships between organic carbon and microbial components in a Tyrrhenian area (Isola del Giglio) affected by mucilages. <i>Science of the Total Environment</i> , 2005 , 353, 350-9 | 10.2 | 7 |

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| 15 | Organic matter recycling during a mucilage event and its influence on the surrounding environment (Ligurian Sea, NW Mediterranean). <i>Continental Shelf Research</i> , 2011 , 31, 631-643 | 2.4 | 6 |
| 14 | Relationship between ectoenzymatic activity and availability of organic substrates (Ross Sea, Antarctica): an experimental approach. <i>Polar Biology</i> , 1998 , 20, 367-376 | 2 | 6 |
| 13 | Hydrodynamic forcing and sand permeability influence the distribution of anthropogenic microparticles in beach sediment. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 230, 106429 | 2.9 | 5 |
| 12 | Ingestion and elimination of anthropogenic fibres and microplastic fragments by the European anchovy (<i>Engraulis encrasicolus</i>) of the NW Mediterranean Sea. <i>Marine Biology</i> , 2020 , 167, 1 | 2.5 | 5 |
| 11 | 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 | 1.9 | 4 |
| 10 | Dissolved organic matter characterisation and temporal trends in Terra Nova Bay (Ross Sea, Antarctica). <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 70, 405-414 | 2.9 | 4 |
| 9 | The allochthonous material input in the trophodynamic system of the shelf sediments of the Gulf of Tigullio (Ligurian Sea, NW Mediterranean). <i>Marine Environmental Research</i> , 2016 , 120, 9-19 | 3.3 | 3 |
| 8 | Macrofaunal assemblages in canyon and adjacent slope of the NW and Central Mediterranean systems. <i>Progress in Oceanography</i> , 2019 , 171, 38-48 | 3.8 | 3 |
| 7 | Urbanised beaches of the Ligurian coastal area (NW Mediterranean): a classification based on organic-matter characteristics and hydrolytic enzymatic activities. <i>Marine Environmental Research</i> , 2013 , 87-88, 103-11 | 3.3 | 2 |
| 6 | Linking environmental forcing and trophic supply to benthic communities in the Vercelli Seamount area (Tyrrhenian Sea). <i>PLoS ONE</i> , 2014 , 9, e110880 | 3.7 | 2 |
| 5 | Regulation of Microbial Activity Rates by Organic Matter in the Ross Sea during the Austral Summer 2017. <i>Microorganisms</i> , 2020 , 8, | 4.9 | 1 |
| 4 | Ecological role and phylogenetic position of a new habitat-forming species (<i>Canalipalpata</i> , Sabellidae) from the Mediterranean mesophotic soft bottoms. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 265, 107737 | 2.9 | 0 |
| 3 | Meteorological and climatic variability influences anthropogenic microparticle content in the stomach of the European anchovy <i>Engraulis encrasicolus</i> . <i>Hydrobiologia</i> , 1 | 2.4 | 0 |
| 2 | Beach sand as a biofilter: enzymatic activity and organic matter relationships in oligotrophic sites differently influenced by anthropogenic pressures and morphodynamism. <i>Marine Biology</i> , 2020 , 167, 1 | 2.5 | |
| 1 | Land forcing controls pelagic-benthic coupling in Adelie Cove (Terra Nova Bay, Ross Sea) 2002 , 125-132 | | |