

Maria Cristina Fossi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10755393/publications.pdf>

Version: 2024-02-01

63
papers

4,845
citations

147801

31
h-index

138484

58
g-index

63
all docs

63
docs citations

63
times ranked

4368
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Ecotoxicological Characterization of Type C Killer Whales From Terra Nova Bay (Ross Sea,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 in Marine Science, 2022, 9, . | 2.5 | 3 |
| 2 | Microplastic abundance and biodiversity richness overlap: Identification of sensitive areas in the Western Ionian Sea. Marine Pollution Bulletin, 2022, 177, 113550. | 5.0 | 14 |
| 3 | Integrated biomarker responses in European seabass <i>Dicentrarchus labrax</i> (Linnaeus, 1758) chronically exposed to PVC microplastics. Journal of Hazardous Materials, 2022, 438, 129488. | 12.4 | 9 |
| 4 | Skin distress associated with xenobiotics exposure: An epigenetic study in the Mediterranean fin whale (<i>Balaenoptera physalus</i>). Marine Genomics, 2021, 57, 100822. | 1.1 | 3 |
| 5 | Polycyclic Aromatic Hydrocarbon-DNA Adducts in Gulf of Mexico Sperm Whale Skin Biopsies Collected in 2012. Toxicological Sciences, 2021, 181, 115-124. | 3.1 | 2 |
| 6 | Interlaboratory comparison of microplastic extraction methods from marine biota tissues: A harmonization exercise of the Plastic Busters MPAs project. Marine Pollution Bulletin, 2021, 164, 111992. | 5.0 | 39 |
| 7 | Analysis of the Gastro-Intestinal Tract of Marine Mammals: A Multidisciplinary Approach with a New Multi-Sieves Tool. Animals, 2021, 11, 1824. | 2.3 | 4 |
| 8 | Effects of microplastics on head kidney gene expression and enzymatic biomarkers in adult zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 245, 109037. | 2.6 | 11 |
| 9 | Assessing and mitigating the harmful effects of plastic pollution: the collective multi-stakeholder driven Euro-Mediterranean response. Ocean and Coastal Management, 2020, 184, 105005. | 4.4 | 27 |
| 10 | Coupling Gastro-Intestinal Tract Analysis With an Airborne Contamination Control Method to Estimate Litter Ingestion in Demersal Elasmobranchs. Frontiers in Environmental Science, 2020, 8, . | 3.3 | 13 |
| 11 | Cetaceans as Ocean Health Indicators of Marine Litter Impact at Global Scale. Frontiers in Environmental Science, 2020, 8, . | 3.3 | 29 |
| 12 | Marine plastic debris in Central Chile: Characterization and abundance of macroplastics and burden of persistent organic pollutants (POPs). Marine Pollution Bulletin, 2020, 152, 110881. | 5.0 | 31 |
| 13 | Trace elements levels in muscle and liver of a rarely investigated large pelagic fish: The Mediterranean spearfish <i>Tetrapturus belone</i> (Rafinesque, 1810). Marine Pollution Bulletin, 2020, 151, 110878. | 5.0 | 6 |
| 14 | First assessment of POPs and cytochrome P450 expression in Cuvierâ€™s beaked whales (<i>Ziphius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 3.3 | 11 |
| 15 | Occurrence of Microplastics in the Gastrointestinal Tracts (GITs) of the Common Dolphin, <i>Coryphaena Hippurus</i> , from the Western Mediterranean Sea. Springer Water, 2020, , 240-244. | 0.3 | 0 |
| 16 | The Impact of Microplastics on Filter-Feeding Megafauna. Springer Water, 2020, , 1-3. | 0.3 | 1 |
| 17 | The Impact of Marine Litter in Marine Protected Areas (MPAs) in the Mediterranean Sea: How Can We Protect MPAs?. , 2020, , 117-128. | | 0 |
| 18 | Microplastics induce transcriptional changes, immune response and behavioral alterations in adult zebrafish. Scientific Reports, 2019, 9, 15775. | 3.3 | 200 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Microplastics occurrence in edible fish species (<i>Mullus barbatus</i> and <i>Merluccius merluccius</i>) collected in three different geographical sub-areas of the Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2019, 140, 129-137. | 5.0 | 146 |
| 20 | Presence and characterization of microplastics in fish of commercial importance from the Biobío region in central Chile. <i>Marine Pollution Bulletin</i> , 2019, 140, 315-319. | 5.0 | 98 |
| 21 | An immune response-based approach to evaluate physiological stress in rehabilitating loggerhead sea turtle. <i>Veterinary Immunology and Immunopathology</i> , 2019, 207, 18-24. | 1.2 | 12 |
| 22 | Marine litter: One of the major threats for marine mammals. Outcomes from the European Cetacean Society workshop. <i>Environmental Pollution</i> , 2019, 247, 72-79. | 7.5 | 91 |
| 23 | Microplastics: No Small Problem for Filter-Feeding Megafauna. <i>Trends in Ecology and Evolution</i> , 2018, 33, 227-232. | 8.7 | 172 |
| 24 | First ecotoxicological assessment of <i>Caretta caretta</i> (Linnaeus, 1758) in the Mediterranean Sea using an integrated nondestructive protocol. <i>Science of the Total Environment</i> , 2018, 631-632, 1221-1233. | 8.0 | 42 |
| 25 | Bioindicators for monitoring marine litter ingestion and its impacts on Mediterranean biodiversity. <i>Environmental Pollution</i> , 2018, 237, 1023-1040. | 7.5 | 255 |
| 26 | First data on plastic ingestion by blue sharks (<i>Prionace glauca</i>) from the Ligurian Sea (North-Western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 5.8 | 59 |
| 27 | A Review of Plastic-Associated Pressures: Cetaceans of the Mediterranean Sea and Eastern Australian Shearwaters as Case Studies. <i>Frontiers in Marine Science</i> , 2018, 5, . | 2.5 | 78 |
| 28 | Impacts of Marine Litter on Cetaceans. , 2018, , 147-184. | | 15 |
| 29 | Field Sampling Techniques and Ecotoxicologic Biomarkers in Cetaceans. , 2018, , 237-259. | | 10 |
| 30 | Abundance and characterization of microplastics in the coastal waters of Tuscany (Italy): The application of the MSFD monitoring protocol in the Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2018, 133, 543-552. | 5.0 | 149 |
| 31 | Are whale sharks exposed to persistent organic pollutants and plastic pollution in the Gulf of California (Mexico)? First ecotoxicological investigation using skin biopsies. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 199, 48-58. | 2.6 | 62 |
| 32 | First detection of seven phthalate esters (PAEs) as plastic tracers in superficial neustonic/planktonic samples and cetacean blubber. <i>Analytical Methods</i> , 2017, 9, 1512-1520. | 2.7 | 99 |
| 33 | Loggerhead sea turtles (<i>Caretta caretta</i>): A target species for monitoring litter ingested by marine organisms in the Mediterranean Sea. <i>Environmental Pollution</i> , 2017, 230, 199-209. | 7.5 | 82 |
| 34 | Transcriptomic analysis of bottlenose dolphin (<i>Tursiops truncatus</i>) skin biopsies to assess the effects of emerging contaminants. <i>Marine Environmental Research</i> , 2016, 114, 74-79. | 2.5 | 32 |
| 35 | Fin whales and microplastics: The Mediterranean Sea and the Sea of Cortez scenarios. <i>Environmental Pollution</i> , 2016, 209, 68-78. | 7.5 | 299 |
| 36 | Intestinal alterations in European sea bass <i>Dicentrarchus labrax</i> (Linnaeus, 1758) exposed to microplastics: Preliminary results. <i>Environmental Pollution</i> , 2016, 212, 251-256. | 7.5 | 421 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | First evidence of presence of plastic debris in stomach of large pelagic fish in the Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2015, 95, 358-361. | 5.0 | 449 |
| 38 | Occurrence, relative abundance and spatial distribution of microplastics and zooplankton NW of Sardinia in the Pelagos Sanctuary Protected Area, Mediterranean Sea. <i>Environmental Chemistry</i> , 2015, 12, 618. | 1.5 | 76 |
| 39 | Pilot study on levels of chemical contaminants and porphyrins in <i>Caretta caretta</i> from the Mediterranean Sea. <i>Marine Environmental Research</i> , 2014, 100, 33-37. | 2.5 | 23 |
| 40 | Effects of in vitro exposure to titanium dioxide on DNA integrity of bottlenose dolphin (<i>Tursiops</i>). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2107-2115. | 2.5 | 32 |
| 41 | Amount and distribution of neustonic micro-plastic off the western Sardinian coast (Central-Western Mediterranean Sea). <i>Marine Environmental Research</i> , 2014, 100, 10-16. | 2.5 | 189 |
| 42 | An <i>in vivo</i> model to evaluate toxicological responses to mixtures of contaminants in cetaceans: Integumentum biopsy slices. <i>Environmental Toxicology</i> , 2014, 29, 1107-1121. | 4.0 | 15 |
| 43 | An index based on the biodiversity of cetacean species to assess the environmental status of marine ecosystems. <i>Marine Environmental Research</i> , 2014, 100, 94-111. | 2.5 | 38 |
| 44 | First application of comet assay in blood cells of Mediterranean loggerhead sea turtle (<i>Caretta</i>). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2107-2115. | 2.5 | 16 |
| 45 | Exploring the potential of large vertebrates as early warning sentinels of threats to marine ecosystems, human health and wellbeing. <i>Marine Environmental Research</i> , 2014, 100, 1-2. | 2.5 | 7 |
| 46 | Large filter feeding marine organisms as indicators of microplastic in the pelagic environment: The case studies of the Mediterranean basking shark (<i>Cetorhinus maximus</i>) and fin whale (<i>Balaenoptera</i>). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2107-2115. | 2.5 | 10 |
| 47 | Biological threats and environmental pollutants, a lethal mixture for mediterranean cetaceans?. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 1221-1225. | 0.8 | 10 |
| 48 | Anthropogenic contaminants in Indo-Pacific humpback and Australian snubfin dolphins from the central and southern Great Barrier Reef. <i>Environmental Pollution</i> , 2013, 182, 490-494. | 7.5 | 22 |
| 49 | Presence of plastic debris in loggerhead turtle stranded along the Tuscany coasts of the Pelagos Sanctuary for Mediterranean Marine Mammals (Italy). <i>Marine Pollution Bulletin</i> , 2013, 74, 225-230. | 5.0 | 118 |
| 50 | The Pelagos Sanctuary for Mediterranean marine mammals: Marine Protected Area (MPA) or marine polluted area? The case study of the striped dolphin (<i>Stenella coeruleoalba</i>). <i>Marine Pollution Bulletin</i> , 2013, 70, 64-72. | 5.0 | 38 |
| 51 | Perfluorinated compounds in blood of <i>Caretta caretta</i> from the Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2013, 73, 98-101. | 5.0 | 20 |
| 52 | Are baleen whales exposed to the threat of microplastics? A case study of the Mediterranean fin whale (<i>Balaenoptera physalus</i>). <i>Marine Pollution Bulletin</i> , 2012, 64, 2374-2379. | 5.0 | 472 |
| 53 | The role of large marine vertebrates in the assessment of the quality of pelagic marine ecosystems. <i>Marine Environmental Research</i> , 2012, 77, 156-158. | 2.5 | 36 |
| 54 | Ecotoxicological diagnosis of striped dolphin (<i>Stenella coeruleoalba</i>) from the Mediterranean basin by skin biopsy and gene expression approach. <i>Ecotoxicology</i> , 2011, 20, 1791-1800. | 2.4 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Pacific Oceanâ€™Wide Profile of CYP1A1 Expression, Stable Carbon and Nitrogen Isotope Ratios, and Organic Contaminant Burden in Sperm Whale Skin Biopsies. <i>Environmental Health Perspectives</i> , 2011, 119, 337-343. | 6.0 | 37 |
| 56 | A multi-trial diagnostic tool in fin whale (<i>Balaenoptera physalus</i>) skin biopsies of the Pelagos Sanctuary (Mediterranean Sea) and the Gulf of California (Mexico). <i>Marine Environmental Research</i> , 2010, 69, S17-S20. | 2.5 | 32 |
| 57 | First detection of CYP1A1 and CYP2B induction in Mediterranean cetacean skin biopsies and cultured fibroblasts by Western blot analysis. <i>Marine Environmental Research</i> , 2008, 66, 3-6. | 2.5 | 41 |
| 58 | Selection of reliable reference genes for qRT-PCR studies on cetacean fibroblast cultures exposed to OCs, PBDEs, and 17 β -estradiol. <i>Aquatic Toxicology</i> , 2008, 87, 178-186. | 4.0 | 23 |
| 59 | Potential Use of Biomarkers in Zooplankton as Early Warning Signals of Ecotoxicological Risk in the Marine Food Chain. <i>Marine Ecology</i> , 2002, 23, 291-296. | 1.1 | 8 |
| 60 | Preliminary Results of Biomarker Responses in Zooplankton of Brackish Environments. <i>Marine Pollution Bulletin</i> , 2001, 42, 745-748. | 5.0 | 23 |
| 61 | Congener Specific Analysis of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Crabs and Sediments from the Venice and Orbetello Lagoons, Italy. <i>Environmental Science & Technology</i> , 1998, 32, 3853-3861. | 10.0 | 32 |
| 62 | Serum B esterases as a nondestructive biomarker in the lizard <i>Gallotia galloti</i> experimentally treated with parathion. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1954-1961. | 4.3 | 32 |
| 63 | Plastic Debris Occurrence, Convergence Areas and Fin Whales Feeding Ground in the Mediterranean Marine Protected Area Pelagos Sanctuary: A Modeling Approach. <i>Frontiers in Marine Science</i> , 0, 4, . | 2.5 | 158 |