

Ylenia Carotenuto

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,646
citations

279798

23
h-index

289244

40
g-index

48
all docs

48
docs citations

48
times ranked

1389
citing authors

#	ARTICLE	IF	CITATIONS
1	From Phenotypes to Genotypes and Back: Toward an Integrated Evaluation of Biodiversity in Calanoid Copepods. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	4
2	Implementation in lipid extraction and analysis from phytoplankton: <i>Skeletonema marinoi</i> as case study. <i>Marine Chemistry</i> , 2021, 232, 103964.	2.3	3
3	Glutathione S-Transferases in Marine Copepods. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1025.	2.6	8
4	Historical control data in ecotoxicology: Eight years of tests with the copepod <i>Acartia tonsa</i> . <i>Environmental Pollution</i> , 2021, 284, 117468.	7.5	5
5	First Report of <i>OvoA</i> Gene in Marine Arthropods: A New Candidate Stress Biomarker in Copepods. <i>Marine Drugs</i> , 2021, 19, 647.	4.6	7
6	Density-dependent oxylipin production in natural diatom communities: possible implications for plankton dynamics. <i>ISME Journal</i> , 2020, 14, 164-177.	9.8	19
7	RNA-Seq and differential gene expression analysis in <i>Temora stylifera</i> copepod females with contrasting non-feeding nauplii survival rates: an environmental transcriptomics study. <i>BMC Genomics</i> , 2020, 21, 693.	2.8	14
8	De Novo Transcriptome Assembly and Gene Expression Profiling of the Copepod <i>Calanus helgolandicus</i> Feeding on the PUA-Producing Diatom <i>Skeletonema marinoi</i> . <i>Marine Drugs</i> , 2020, 18, 392.	4.6	23
9	Assessment of the relative sensitivity of the copepods <i>Acartia tonsa</i> and <i>Acartia clausi</i> exposed to sediment-derived elutriates from the Bagnoli-Coroglio industrial area. <i>Marine Environmental Research</i> , 2020, 155, 104878.	2.5	22
10	WGEUROBUS – Working Group – Towards a EUROpean OBServatory of the non-indigenous calanoid copepod <i>Pseudodiaptomus marinus</i> . <i>Biological Invasions</i> , 2020, 22, 885-906.	2.4	17
11	Using chemical language to shape future marine health. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 530-537.	4.0	33
12	UPLC-MS/MS Identification of Sterol Sulfates in Marine Diatoms. <i>Marine Drugs</i> , 2019, 17, 10.	4.6	16
13	Re-shaping marine plankton communities: effects of diatom oxylipins on copepods and beyond. <i>Marine Biology</i> , 2019, 166, 1.	1.5	14
14	De novo transcriptome assembly and differential gene expression analysis of the calanoid copepod <i>Acartia tonsa</i> exposed to nickel nanoparticles. <i>Chemosphere</i> , 2018, 209, 163-172.	8.2	25
15	New oxylipins produced at the end of a diatom bloom and their effects on copepod reproductive success and gene expression levels. <i>Harmful Algae</i> , 2016, 55, 221-229.	4.8	40
16	High-quality RNA extraction from copepods for Next Generation Sequencing: A comparative study. <i>Marine Genomics</i> , 2015, 24, 115-118.	1.1	20
17	Effects of the oxylipin-producing diatom <i>Skeletonema marinoi</i> on gene expression levels of the calanoid copepod <i>Calanus sinicus</i> . <i>Marine Genomics</i> , 2015, 24, 89-94.	1.1	27
18	Non-volatile oxylipins can render some diatom blooms more toxic for copepod reproduction. <i>Harmful Algae</i> , 2015, 44, 1-7.	4.8	28

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19	Insights into the transcriptome of the marine copepod <i>Calanus helgolandicus</i> feeding on the oxylipin-producing diatom <i>Skeletonema marinoi</i> . <i>Harmful Algae</i> , 2014, 31, 153-162.	4.8	31
20	Impact of the diatom-derived polyunsaturated aldehyde 2-trans,4-trans decadienal on the feeding, survivorship and reproductive success of the calanoid copepod <i>Temora stylifera</i> . <i>Marine Environmental Research</i> , 2014, 93, 31-37.	2.5	20
21	Changes in expression of stress genes in copepods feeding upon a non-brevetoxin-producing strain of the dinoflagellate <i>Karenia brevis</i> . <i>Harmful Algae</i> , 2013, 28, 23-30.	4.8	23
22	Oxylipin production during a mesocosm bloom of <i>Skeletonema marinoi</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 446, 159-165.	1.5	14
23	Biogeographic effects of the Gulf of Mexico red tide dinoflagellate <i>Karenia brevis</i> on Mediterranean copepods. <i>Harmful Algae</i> , 2012, 16, 63-73.	4.8	17
24	Multi-generation cultivation of the copepod <i>Calanus helgolandicus</i> in a re-circulating system. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 418-419, 46-58.	1.5	21
25	Copepod Population-Specific Response to a Toxic Diatom Diet. <i>PLoS ONE</i> , 2012, 7, e47262.	2.5	57
26	Maternal and neonate diatom diets impair development and sex differentiation in the copepod <i>Temora stylifera</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 396, 99-107.	1.5	28
27	Diatom induction of reproductive failure in copepods: The effect of PUIAs versus non volatile oxylipins. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 401, 13-19.	1.5	37
28	First molecular evidence of diatom effects in the copepod <i>Calanus helgolandicus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 404, 79-86.	1.5	43
29	Impact of the diatom oxylipin 15S-HEPE on the reproductive success of the copepod <i>Temora stylifera</i> . <i>Hydrobiologia</i> , 2011, 666, 265-275.	2.0	37
30	Molecular Evidence of the Toxic Effects of Diatom Diets on Gene Expression Patterns in Copepods. <i>PLoS ONE</i> , 2011, 6, e26850.	2.5	46
31	Aldehyde-encapsulating liposomes impair marine grazer survivorship. <i>Journal of Experimental Biology</i> , 2008, 211, 1426-1433.	1.7	33
32	Microzooplankton grazing and phytoplankton growth in marine mesocosms with increased CO ₂ levels. <i>Biogeosciences</i> , 2008, 5, 1145-1156.	3.3	57
33	Effects of food conditions on the development of the population of <i>Temora stylifera</i> : A modeling approach. <i>Journal of Marine Systems</i> , 2006, 62, 71-84.	2.1	17
34	Giant liposomes as delivery system for ecophysiological studies in copepods. <i>Journal of Experimental Biology</i> , 2006, 209, 801-809.	1.7	19
35	Annual cycle of early developmental stage survival and recruitment in the copepods <i>Temora stylifera</i> and <i>Centropages typicus</i> . <i>Marine Ecology - Progress Series</i> , 2006, 314, 227-238.	1.9	25
36	Life-history responses of <i>Daphnia pulex</i> to diets containing freshwater diatoms: Effects of nutritional quality versus polyunsaturated aldehydes. <i>Limnology and Oceanography</i> , 2005, 50, 449-454.	3.1	37

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37	Colloquium on diatom-copepod interactions. <i>Marine Ecology - Progress Series</i> , 2005, 286, 293-305.	1.9	68
38	Ingestion and incorporation of freshwater diatoms by <i>Daphnia pulex</i> : do morphology and oxylin production matter?. <i>Journal of Plankton Research</i> , 2004, 26, 563-569.	1.8	18
39	Aldehyde suppression of copepod recruitment in blooms of a ubiquitous planktonic diatom. <i>Nature</i> , 2004, 429, 403-407.	27.8	373
40	Copepod egg production and hatching success is reduced by maternal diets of a non-neurotoxic strain of the dinoflagellate <i>Alexandrium tamarense</i> . <i>Marine Ecology - Progress Series</i> , 2004, 280, 199-210.	1.9	29
41	Use of the confocal laser scanning microscope in studies on the developmental biology of marine crustaceans. <i>Microscopy Research and Technique</i> , 2003, 60, 458-464.	2.2	26
42	Zooplankton feeding ecology: does a diet of <i>Phaeocystis</i> support good copepod grazing, survival, egg production and egg hatching success?. <i>Journal of Plankton Research</i> , 2002, 24, 1185-1195.	1.8	61
43	Is postembryonic development in the copepod <i>Temora stylifera</i> negatively affected by diatom diets?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 276, 49-66.	1.5	72
44	Fate of paralytic shellfish poisoning toxins ingested by the copepod <i>Acartia clausi</i> . <i>Marine Ecology - Progress Series</i> , 2002, 240, 105-115.	1.9	52
45	Effect of specific dinoflagellate and diatom diets on gamete ultrastructure and fatty acid profiles of the copepod <i>Temora stylifera</i> . <i>Marine Biology</i> , 2001, 138, 1241-1250.	1.5	23
46	Morphological analysis of larval stages of <i>Temora stylifera</i> (Copepoda, Calanoida) from the Mediterranean Sea. <i>Journal of Plankton Research</i> , 1999, 21, 1613-1632.	1.8	15