Chiara Lauritano

List of Publications by Year
in descending order

69	3,118	172207	161609
papers	citations	29 h-index	54 g-index

77	77	77	3700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The genome of the seagrass Zostera marina reveals angiosperm adaptation to the sea. Nature, 2016, 530, 331-335.	13.7	460
2	Bioactivity Screening of Microalgae for Antioxidant, Anti-Inflammatory, Anticancer, Anti-Diabetes, and Antibacterial Activities. Frontiers in Marine Science, 2016, 3, .	1.2	249
3	Fish Waste: From Problem to Valuable Resource. Marine Drugs, 2021, 19, 116.	2.2	193
4	Marine Microalgae with Anti-Cancer Properties. Marine Drugs, 2018, 16, 165.	2.2	177
5	Marine Collagen from Alternative and Sustainable Sources: Extraction, Processing and Applications. Marine Drugs, 2020, 18, 214.	2.2	165
6	Microalgae with Immunomodulatory Activities. Marine Drugs, 2020, 18, 2.	2.2	91
7	Gene expression patterns and stress response in marine copepods. Marine Environmental Research, 2012, 76, 22-31.	1.1	89
8	Marine Organisms with Anti-Diabetes Properties. Marine Drugs, 2016, 14, 220.	2.2	81
9	Marine Natural Products from Microalgae: An -Omics Overview. Marine Drugs, 2019, 17, 269.	2.2	69
10	Biotechnological Applications of Bioactive Peptides From Marine Sources. Advances in Microbial Physiology, 2018, 73, 171-220.	1.0	67
11	Amphidinol 22, a New Cytotoxic and Antifungal Amphidinol from the Dinoflagellate Amphidinium carterae. Marine Drugs, 2019, 17, 385.	2.2	62
12	Depth-specific fluctuations of gene expression and protein abundance modulate the photophysiology in the seagrass Posidonia oceanica. Scientific Reports, 2017, 7, 42890.	1.6	57
13	Copepod Population-Specific Response to a Toxic Diatom Diet. PLoS ONE, 2012, 7, e47262.	1.1	57
14	Pheophorbide a: State of the Art. Marine Drugs, 2020, 18, 257.	2.2	56
15	De novo transcriptome of the cosmopolitan dinoflagellate Amphidinium carterae to identify enzymes with biotechnological potential. Scientific Reports, 2017, 7, 11701.	1.6	52
16	First identification of marine diatoms with anti-tuberculosis activity. Scientific Reports, 2018, 8, 2284.	1.6	51
17	Key genes as stress indicators in the ubiquitous diatom Skeletonema marinoi. BMC Genomics, 2015, 16, 411.	1.2	50
18	Lysophosphatidylcholines and Chlorophyll-Derived Molecules from the Diatom Cylindrotheca closterium with Anti-Inflammatory Activity. Marine Drugs, 2020, 18, 166.	2.2	50

#	Article	IF	Citations
19	Zebrafish-based identification of the antiseizure nucleoside inosine from the marine diatom Skeletonema marinoi. PLoS ONE, 2018, 13, e0196195.	1.1	49
20	Reference genes assessment for the seagrass Posidonia oceanica in different salinity, pH and light conditions. Marine Biology, 2012, 159, 1269-1282.	0.7	47
21	New molecular insights on the response of the green alga Tetraselmis suecica to nitrogen starvation. Scientific Reports, 2019, 9, 3336.	1.6	47
22	Molecular Evidence of the Toxic Effects of Diatom Diets on Gene Expression Patterns in Copepods. PLoS ONE, 2011, 6, e26850.	1.1	46
23	A Review of Toxins from Cnidaria. Marine Drugs, 2020, 18, 507.	2.2	45
24	First molecular evidence of diatom effects in the copepod Calanus helgolandicus. Journal of Experimental Marine Biology and Ecology, 2011, 404, 79-86.	0.7	43
25	Microalgal Enzymes with Biotechnological Applications. Marine Drugs, 2019, 17, 459.	2.2	43
26	Unlocking the Health Potential of Microalgae as Sustainable Sources of Bioactive Compounds. International Journal of Molecular Sciences, 2021, 22, 4383.	1.8	43
27	New oxylipins produced at the end of a diatom bloom and their effects on copepod reproductive success and gene expression levels. Harmful Algae, 2016, 55, 221-229.	2.2	40
28	Ten-Year Research Update Review: Antiviral Activities from Marine Organisms. Biomolecules, 2020, 10, 1007.	1.8	34
29	Insights into the transcriptome of the marine copepod Calanus helgolandicus feeding on the oxylipin-producing diatom Skeletonema marinoi. Harmful Algae, 2014, 31, 153-162.	2.2	31
30	Nutrient Loading Fosters Seagrass Productivity Under Ocean Acidification. Scientific Reports, 2017, 7, 13732.	1.6	29
31	Toxigenic effects of two benthic diatoms upon grazing activity of the sea urchin: morphological, metabolomic and de novo transcriptomic analysis. Scientific Reports, 2018, 8, 5622.	1.6	28
32	Effects of the oxylipin-producing diatom Skeletonema marinoi on gene expression levels of the calanoid copepod Calanus sinicus. Marine Genomics, 2015, 24, 89-94.	0.4	27
33	Monogalactosyldiacylglycerol and Sulfolipid Synthesis in Microalgae. Marine Drugs, 2020, 18, 237.	2.2	27
34	Insights into possible cell-death markers in the diatom Skeletonema marinoi in response to senescence and silica starvation. Marine Genomics, 2015, 24, 81-88.	0.4	25
35	Curcumin Supplementation Protects Broiler Chickens Against the Renal Oxidative Stress Induced by the Dietary Exposure to Low Levels of Aflatoxin B1. Frontiers in Veterinary Science, 2021, 8, 822227.	0.9	25
36	Changes in expression of stress genes in copepods feeding upon a non-brevetoxin-producing strain of the dinoflagellate Karenia brevis. Harmful Algae, 2013, 28, 23-30.	2.2	23

#	Article	IF	Citations
37	Grand Challenges in Marine Biotechnology: Overview of Recent EU-Funded Projects. Grand Challenges in Biology and Biotechnology, 2018, , 425-449.	2.4	23
38	De Novo Transcriptome Assembly and Gene Expression Profiling of the Copepod Calanus helgolandicus Feeding on the PUA-Producing Diatom Skeletonema marinoi. Marine Drugs, 2020, 18, 392.	2.2	23
39	De novo transcriptome of the diatom Cylindrotheca closterium identifies genes involved in the metabolism of anti-inflammatory compounds. Scientific Reports, 2020, 10, 4138.	1.6	22
40	Multi-generation cultivation of the copepod Calanus helgolandicus in a re-circulating system. Journal of Experimental Marine Biology and Ecology, 2012, 418-419, 46-58.	0.7	21
41	De novo Transcriptome of the Non-saxitoxin Producing Alexandrium tamutum Reveals New Insights on Harmful Dinoflagellates. Marine Drugs, 2020, 18, 386.	2.2	21
42	High-quality RNA extraction from copepods for Next Generation Sequencing: A comparative study. Marine Genomics, 2015, 24, 115-118.	0.4	20
43	Linking gene expression to productivity to unravel long- and short-term responses of seagrasses exposed to CO2 in volcanic vents. Scientific Reports, 2017, 7, 42278.	1.6	20
44	First evidence of anticancer and antimicrobial activity in Mediterranean mesopelagic species. Scientific Reports, 2020, 10, 4929.	1.6	20
45	Physiological and Molecular Responses to Main Environmental Stressors of Microalgae and Bacteria in Polar Marine Environments. Microorganisms, 2020, 8, 1957.	1.6	18
46	Bioactivity Screening of Antarctic Sponges Reveals Anticancer Activity and Potential Cell Death via Ferroptosis by Mycalols. Marine Drugs, 2021, 19, 459.	2.2	16
47	Chlamydomonas Responses to Salinity Stress and Possible Biotechnological Exploitation. Journal of Marine Science and Engineering, 2021, 9, 1242.	1.2	16
48	Respiratory oxygen consumption in the seagrass Zostera marina varies on a diel basis and is partly affected by light. Marine Biology, 2017, 164, 140.	0.7	14
49	RNA-Seq and differential gene expression analysis in Temora stylifera copepod females with contrasting non-feeding nauplii survival rates: an environmental transcriptomics study. BMC Genomics, 2020, 21, 693.	1.2	14
50	A Metataxonomic Approach Reveals Diversified Bacterial Communities in Antarctic Sponges. Marine Drugs, 2021, 19, 173.	2.2	14
51	Recent Discoveries on Marine Organism Immunomodulatory Activities. Marine Drugs, 2022, 20, 422.	2.2	14
52	Potential Approaches Versus Approved or Developing Chronic Myeloid Leukemia Therapy. Frontiers in Oncology, 2021, 11, 801779.	1.3	13
53	A Treasure of Bioactive Compounds from the Deep Sea. Biomedicines, 2021, 9, 1556.	1.4	11
54	In Silico Identification of Type III PKS Chalcone and Stilbene Synthase Homologs in Marine Photosynthetic Organisms. Biology, 2020, 9, 110.	1.3	10

#	Article	IF	Citations
55	Promising Antiproliferative Compound From the Green Microalga Dunaliella tertiolecta Against Human Cancer Cells. Frontiers in Marine Science, 2022, 9, .	1.2	9
56	Chemical Defense in Marine Organisms. Marine Drugs, 2020, 18, 518.	2.2	8
57	Glutathione S-Transferases in Marine Copepods. Journal of Marine Science and Engineering, 2021, 9, 1025.	1.2	8
58	First Report of OvoA Gene in Marine Arthropods: A New Candidate Stress Biomarker in Copepods. Marine Drugs, 2021, 19, 647.	2.2	7
59	First De Novo Transcriptome of the Copepod Rhincalanus gigas from Antarctic Waters. Biology, 2020, 9, 410.	1.3	6
60	Effects of a Red Orange and Lemon Extract in Obese Diabetic Zucker Rats: Role of Nicotinamide Adenine Dinucleotide Phosphate Oxidase. Journal of Clinical Medicine, 2020, 9, 1600.	1.0	6
61	Promising Activities of Marine Natural Products against Hematopoietic Malignancies. Biomedicines, 2021, 9, 645.	1.4	6
62	First identification and characterization of detoxifying plastic-degrading DBP hydrolases in the marine diatom Cylindrotheca closterium. Science of the Total Environment, 2022, 812, 152535.	3.9	6
63	Lipid mediators in marine diatoms. Aquatic Ecology, 2022, 56, 377-397.	0.7	5
64	De Novo Transcriptome of the Flagellate Isochrysis galbana Identifies Genes Involved in the Metabolism of Antiproliferative Metabolites. Biology, 2022, 11, 771.	1.3	5
65	Jellyfish as an Alternative Source of Bioactive Antiproliferative Compounds. Marine Drugs, 2022, 20, 350.	2.2	4
66	Multiple Myeloma: Possible Cure from the Sea. Cancers, 2022, 14, 2965.	1.7	4
67	From the Sea for the Sight: Marine Derived Products for Human Vision. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	2
68	Protective Effects of New Antioxidants in OTA-Treated Chicken Kidney. Medical Sciences Forum, 2021, 2, 18.	0.5	1
69	Editorial of Special Issue â€œMicroalgal Molecules and Enzymesâ€• International Journal of Molecular Sciences, 2021, 22, 13450.	1.8	1