Massimo Milan

List of Publications by Year
in descending order

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54 papers	2,819 citations	201575 27 h-index	175177 52 g-index
55 all docs	55 docs citations	55 times ranked	3869 citing authors

#	Article	IF	Citations
1	Environmental pharmaceuticals and climate change: The case study of carbamazepine in M. galloprovincialis under ocean acidification scenario. Environment International, 2021, 146, 106269.	4.8	35
2	Combining Culture-Dependent and Culture-Independent Methods: New Methodology Insight on the Vibrio Community of Ruditapes philippinarum. Foods, 2021, 10, 1271.	1.9	8
3	The new PFAS C6O4 and its effects on marine invertebrates: First evidence of transcriptional and microbiota changes in the Manila clam Ruditapes philippinarum. Environment International, 2021, 152, 106484.	4.8	35
4	First Evidence of In Vitro Effects of C6O4â€”A Substitute of PFOAâ€”On Haemocytes of the Clam Ruditapes philippinarum. Toxics, 2021, 9, 191.	1.6	4
5	Evaluation of per- and poly-fluorinated alkyl substances (PFAS) in livers of bottlenose dolphins (Tursiops truncatus) found stranded along the northern Adriatic Sea.. Environmental Pollution, 2021, 291, 118186.	3.7	18
6	Longâ€lasting effects of chronic exposure to chemical pollution on the hologenome of the Manila clam. Evolutionary Applications, 2021, 14, 2864-2880.	1.5	6
7	The effects of glyphosate and AMPA on the mediterranean mussel Mytilus galloprovincialis and its microbiota. Environmental Research, 2020, 182, 108984.	3.7	33
8	Depuration processes affect the Vibrio community in the microbiota of the Manila clam, Ruditapes philippinarum. Environmental Microbiology, 2020, 22, 4456-4472.	1.8	6
9	Genome of the Komodo dragon reveals adaptations in the cardiovascular and chemosensory systems of monitor lizards. Nature Ecology and Evolution, 2019, 3, 1241-1252.	3.4	67
10	Hostâ€microbiota interactions shed light on mortality events in the striped venus clam Chamelea gallina. Molecular Ecology, 2019, 28, 4486-4499.	2.0	25
11	Conserved sex chromosomes and karyotype evolution in monitor lizards (Varanidae). Heredity, 2019, 123, 215-227.	1.2	48
12	Tracing seafood at high spatial resolution using NGS-generated data and machine learning: Comparing microbiome versus SNPs. Food Chemistry, 2019, 286, 413-420.	4.2	22
13	New molecular and therapeutic insights into canine diffuse large B-cell lymphoma elucidates the role of the dog as a model for human disease. Haematologica, 2019, 104, e256-e259.	1.7	43
14	Bivalve transcriptomics reveal pathogen sequences and a powerful immune response of the Mediterranean mussel (Mytilus galloprovincialis). Marine Biology, 2018, 165, 1.	0.7	22
15	Revealing Mytilus galloprovincialis transcriptomic profiles during ontogeny. Developmental and Comparative Immunology, 2018, 84, 292-306.	1.0	18
16	Genetic variability of the striped venus Chamelea gallina in the northern Adriatic Sea. Fisheries Research, 2018, 201, 68-78.	0.9	11
17	Long-term exposure of Mytilus galloprovincialis to diclofenac, Ibuprofen and Ketoprofen: Insights into bioavailability, biomarkers and transcriptomic changes. Chemosphere, 2018, 198, 238-248.	4.2	78
18	Ecotoxicological effects of the herbicide glyphosate in non-target aquatic species: Transcriptional responses in the mussel Mytilus galloprovincialis. Environmental Pollution, 2018, 237, 442-451.	3.7	52

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19	Microbiota and environmental stress: how pollution affects microbial communities in Manila clams. Aquatic Toxicology, 2018, 194, 195-207.	1.9	66
20	Understanding the mechanisms involved in the high sensitivity of Pecten maximus larvae to aeration. Aquaculture, 2018, 497, 189-199.	1.7	3
21	Transcriptome analysis of the brain of the sea bream (Sparus aurata) after exposure to human pharmaceuticals at realistic environmental concentrations. Marine Environmental Research, 2017, 129, 36-45.	1.1	15
22	DNA methylation profiling reveals common signatures of tumorigenesis and defines epigenetic prognostic subtypes of canine Diffuse Large B-cell Lymphoma. Scientific Reports, 2017, 7, 11591.	1.6	29
23	A Microarray Study of Carpet-Shell Clam (Ruditapes decussatus) Shows Common and Organ-Specific Growth-Related Gene Expression Differences in Gills and Digestive Gland. Frontiers in Physiology, 2017, 8, 943.	1.3	8
24	Transcriptomic features of Pecten maximus oocyte quality and maturation. PLoS ONE, 2017, 12, e0172805.	1.1	14
25	Ecotoxicological potential of non-steroidal anti-inflammatory drugs (NSAIDs) in marine organisms: Bioavailability, biomarkers and natural occurrence in Mytilus galloprovincialis. Marine Environmental Research, 2016, 121, 31-39.	1.1	107
26	Transcriptomic profiling of Chamelea gallina from sites along the Abruzzo coast (Italy), subject to periodic localized mortality events. Marine Biology, 2016, 163, 1.	0.7	6
27	Transcriptional and cellular effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in experimentally exposed mussels, Mytilus galloprovincialis. Aquatic Toxicology, 2016, 180, 306-319.	1.9	42
28	Can ecological history influence response to pollutants? Transcriptomic analysis of Manila clam collected in different Venice lagoon areas and exposed to heavy metal. Aquatic Toxicology, 2016, 174, 123-133.	1.9	27
29	An immune-enriched oligo-microarray analysis of gene expression in Manila clam (Venerupis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 275-286.	1.6	30
30	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. Environmental Pollution, 2015, 198, 211-222.	3.7	989
31	Transcriptomic profiling of male European eel (Anguilla anguilla) livers at sexual maturity. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 16, 28-35.	0.4	8
32	A microarray-based analysis of oocyte quality in the European clam Ruditapes decussatus. Aquaculture, 2015, 446, 17-24.	1.7	7
33	Differences in brain gene transcription profiles advocate for an important role of cognitive function in upstream migration and water obstacles crossing in European eel. BMC Genomics, 2015, 16, 378.	1.2	19
34	Transcriptomic resources for environmental risk assessment: a case study in the Venice lagoon. Environmental Pollution, 2015, 197, 90-98.	3.7	31
35	Liver transcriptome analysis in gilthead sea bream upon exposure to low temperature. BMC Genomics, 2014, 15, 765.	1.2	96
36	Changes in the gene expression profiles of the brains of male European eels (Anguilla anguilla) during sexual maturation. BMC Genomics, 2014, 15, 799.	1.2	12

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37	A Microarray-Based Analysis of Gametogenesis in Two Portuguese Populations of the European Clam Ruditapes decussatus. PLoS ONE, 2014, 9, e92202.	1.1	15
38	Gene expression profile analysis of Manila clam (Ruditapes philippinarum) hemocytes after a Vibrio alginolyticus challenge using an immune-enriched oligo-microarray. BMC Genomics, 2014, 15, 267.	1.2	41
39	Deep transcriptome sequencing of Pecten maximus hemocytes: A genomic resource for bivalve immunology. Fish and Shellfish Immunology, 2014, 37, 154-165.	1.6	72
40	Proteomic-based comparison between populations of the Great Scallop, Pecten maximus. Journal of Proteomics, 2014, 105, 164-173.	1.2	26
41	Insights into Molecular Features of Venerupis decussata Oocytes: A Microarray-Based Study. PLoS ONE, 2014, 9, e113925.	1.1	6
42	Regulation of a truncated isoform of AMP-activated protein kinase Î± (AMPKÎ±) in response to hypoxia in the muscle of Pacific oyster Crassostrea gigas. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 597-611.	0.7	35
43	Can ecological history influence immunomarker responses and antioxidant enzyme activities in bivalves that have been experimentally exposed to contaminants? A new subject for discussion in â€œeco-immunologyâ€studies. Fish and Shellfish Immunology, 2013, 35, 126-135.	1.6	34
44	Exploring the effects of seasonality and chemical pollution on the hepatopancreas transcriptome of the <scp>M</scp>anila clam. Molecular Ecology, 2013, 22, 2157-2172.	2.0	32
45	Detecting genome-wide gene transcription profiles associated with high pollution burden in the critically endangered European eel. Aquatic Toxicology, 2013, 132-133, 157-164.	1.9	26
46	Gene transcription and biomarker responses in the clam Ruditapes philippinarum after exposure to ibuprofen. Aquatic Toxicology, 2013, 126, 17-29.	1.9	120
47	Sex-Specific Regulation of AMP-Activated Protein Kinase (AMPK) in the Pacific Oyster Crassostrea gigas1. Biology of Reproduction, 2013, 89, 100.	1.2	30
48	mRNA-Seq and microarray development for the Grooved carpet shell clam, Ruditapes decussatus: a functional approach to unravel host -parasite interaction. BMC Genomics, 2013, 14, 741.	1.2	39
49	Surviving in a toxic world: transcriptomics and gene expression profiling in response to environmental pollution in the critically endangered European eel. BMC Genomics, 2012, 13, 507.	1.2	68
50	Transcriptome sequencing and microarray development for the Manila clam, Ruditapes philippinarum: genomic tools for environmental monitoring. BMC Genomics, 2011, 12, 234.	1.2	120
51	Skin healing and scale regeneration in fed and unfed sea bream, Sparus auratus. BMC Genomics, 2011, 12, 490.	1.2	58
52	Development of an oligo DNA microarray for the European sea bass and its application to expression profiling of jaw deformity. BMC Genomics, 2010, 11, 354.	1.2	37
53	Identification and characterisation of a novel immune-type receptor (NITR) gene cluster in the European sea bass, Dicentrarchus labrax, reveals recurrent gene expansion and diversification by positive selection. Immunogenetics, 2009, 61, 773-788.	1.2	18
54	Molecular Monitoring of SARS-CoV-2 in Different Sewage Plants in Venice and the Implications for Genetic Surveillance. ACS ES&T Water, 0, , .	2.3	1