

Massimo Milan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. <i>Environmental Pollution</i> , 2015, 198, 211-222.	3.7	989
2	Transcriptome sequencing and microarray development for the Manila clam, <i>Ruditapes philippinarum</i> : genomic tools for environmental monitoring. <i>BMC Genomics</i> , 2011, 12, 234.	1.2	120
3	Gene transcription and biomarker responses in the clam <i>Ruditapes philippinarum</i> after exposure to ibuprofen. <i>Aquatic Toxicology</i> , 2013, 126, 17-29.	1.9	120
4	Ecotoxicological potential of non-steroidal anti-inflammatory drugs (NSAIDs) in marine organisms: Bioavailability, biomarkers and natural occurrence in <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2016, 121, 31-39.	1.1	107
5	Liver transcriptome analysis in gilthead sea bream upon exposure to low temperature. <i>BMC Genomics</i> , 2014, 15, 765.	1.2	96
6	Long-term exposure of <i>Mytilus galloprovincialis</i> to diclofenac, ibuprofen and Ketoprofen: Insights into bioavailability, biomarkers and transcriptomic changes. <i>Chemosphere</i> , 2018, 198, 238-248.	4.2	78
7	Deep transcriptome sequencing of <i>Pecten maximus</i> hemocytes: A genomic resource for bivalve immunology. <i>Fish and Shellfish Immunology</i> , 2014, 37, 154-165.	1.6	72
8	Surviving in a toxic world: transcriptomics and gene expression profiling in response to environmental pollution in the critically endangered European eel. <i>BMC Genomics</i> , 2012, 13, 507.	1.2	68
9	Genome of the Komodo dragon reveals adaptations in the cardiovascular and chemosensory systems of monitor lizards. <i>Nature Ecology and Evolution</i> , 2019, 3, 1241-1252.	3.4	67
10	Microbiota and environmental stress: how pollution affects microbial communities in Manila clams. <i>Aquatic Toxicology</i> , 2018, 194, 195-207.	1.9	66
11	Skin healing and scale regeneration in fed and unfed sea bream, <i>Sparus auratus</i> . <i>BMC Genomics</i> , 2011, 12, 490.	1.2	58
12	Ecotoxicological effects of the herbicide glyphosate in non-target aquatic species: Transcriptional responses in the mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2018, 237, 442-451.	3.7	52
13	Conserved sex chromosomes and karyotype evolution in monitor lizards (Varanidae). <i>Heredity</i> , 2019, 123, 215-227.	1.2	48
14	New molecular and therapeutic insights into canine diffuse large B-cell lymphoma elucidates the role of the dog as a model for human disease. <i>Haematologica</i> , 2019, 104, e256-e259.	1.7	43
15	Transcriptional and cellular effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in experimentally exposed mussels, <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2016, 180, 306-319.	1.9	42
16	Gene expression profile analysis of Manila clam (<i>Ruditapes philippinarum</i>) hemocytes after a <i>Vibrio alginolyticus</i> challenge using an immune-enriched oligo-microarray. <i>BMC Genomics</i> , 2014, 15, 267.	1.2	41
17	mRNA-Seq and microarray development for the Grooved carpet shell clam, <i>Ruditapes decussatus</i> : a functional approach to unravel host-parasite interaction. <i>BMC Genomics</i> , 2013, 14, 741.	1.2	39
18	Development of an oligo DNA microarray for the European sea bass and its application to expression profiling of jaw deformity. <i>BMC Genomics</i> , 2010, 11, 354.	1.2	37

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19	Regulation of a truncated isoform of AMP-activated protein kinase $\hat{\pm}$ (AMPK $\hat{\pm}$) in response to hypoxia in the muscle of Pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 597-611.	0.7	35
20	Environmental pharmaceuticals and climate change: The case study of carbamazepine in <i>M. galloprovincialis</i> under ocean acidification scenario. <i>Environment International</i> , 2021, 146, 106269.	4.8	35
21	The new PFAS C6O4 and its effects on marine invertebrates: First evidence of transcriptional and microbiota changes in the Manila clam <i>Ruditapes philippinarum</i> . <i>Environment International</i> , 2021, 152, 106484.	4.8	35
22	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 "eco-immunology" studies. <i>Fish and Shellfish Immunology</i> , 2013, 35, 126-135.	1.6	34
23	The effects of glyphosate and AMPA on the mediterranean mussel <i>Mytilus galloprovincialis</i> and its microbiota. <i>Environmental Research</i> , 2020, 182, 108984.	3.7	33
24	Exploring the effects of seasonality and chemical pollution on the hepatopancreas transcriptome of the Manila clam. <i>Molecular Ecology</i> , 2013, 22, 2157-2172.	2.0	32
25	Transcriptomic resources for environmental risk assessment: a case study in the Venice lagoon. <i>Environmental Pollution</i> , 2015, 197, 90-98.	3.7	31
26	Sex-Specific Regulation of AMP-Activated Protein Kinase (AMPK) in the Pacific Oyster <i>Crassostrea gigas</i> . <i>Biology of Reproduction</i> , 2013, 89, 100.	1.2	30
27	An immune-enriched oligo-microarray analysis of gene expression in Manila clam (<i>Venerupis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 275-286.	1.6	30
28	DNA methylation profiling reveals common signatures of tumorigenesis and defines epigenetic prognostic subtypes of canine Diffuse Large B-cell Lymphoma. <i>Scientific Reports</i> , 2017, 7, 11591.	1.6	29
29	Can ecological history influence response to pollutants? Transcriptomic analysis of Manila clam collected in different Venice lagoon areas and exposed to heavy metal. <i>Aquatic Toxicology</i> , 2016, 174, 123-133.	1.9	27
30	Detecting genome-wide gene transcription profiles associated with high pollution burden in the critically endangered European eel. <i>Aquatic Toxicology</i> , 2013, 132-133, 157-164.	1.9	26
31	Proteomic-based comparison between populations of the Great Scallop, <i>Pecten maximus</i> . <i>Journal of Proteomics</i> , 2014, 105, 164-173.	1.2	26
32	Host-microbiota interactions shed light on mortality events in the striped venus clam <i>Chamelea gallina</i> . <i>Molecular Ecology</i> , 2019, 28, 4486-4499.	2.0	25
33	Bivalve transcriptomics reveal pathogen sequences and a powerful immune response of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>). <i>Marine Biology</i> , 2018, 165, 1.	0.7	22
34	Tracing seafood at high spatial resolution using NGS-generated data and machine learning: Comparing microbiome versus SNPs. <i>Food Chemistry</i> , 2019, 286, 413-420.	4.2	22
35	Differences in brain gene transcription profiles advocate for an important role of cognitive function in upstream migration and water obstacles crossing in European eel. <i>BMC Genomics</i> , 2015, 16, 378.	1.2	19
36	Identification and characterisation of a novel immune-type receptor (NITR) gene cluster in the European sea bass, <i>Dicentrarchus labrax</i> , reveals recurrent gene expansion and diversification by positive selection. <i>Immunogenetics</i> , 2009, 61, 773-788.	1.2	18

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37	Revealing <i>Mytilus galloprovincialis</i> transcriptomic profiles during ontogeny. <i>Developmental and Comparative Immunology</i> , 2018, 84, 292-306.	1.0	18
38	Evaluation of per- and poly-fluorinated alkyl substances (PFAS) in livers of bottlenose dolphins (<i>Tursiops truncatus</i>) found stranded along the northern Adriatic Sea. <i>Environmental Pollution</i> , 2021, 291, 118186.	3.7	18
39	A Microarray-Based Analysis of Gametogenesis in Two Portuguese Populations of the European Clam <i>Ruditapes decussatus</i> . <i>PLoS ONE</i> , 2014, 9, e92202.	1.1	15
40	Transcriptome analysis of the brain of the sea bream (<i>Sparus aurata</i>) after exposure to human pharmaceuticals at realistic environmental concentrations. <i>Marine Environmental Research</i> , 2017, 129, 36-45.	1.1	15
41	Transcriptomic features of <i>Pecten maximus</i> oocyte quality and maturation. <i>PLoS ONE</i> , 2017, 12, e0172805.	1.1	14
42	Changes in the gene expression profiles of the brains of male European eels (<i>Anguilla anguilla</i>) during sexual maturation. <i>BMC Genomics</i> , 2014, 15, 799.	1.2	12
43	Genetic variability of the striped venus <i>Chamelea gallina</i> in the northern Adriatic Sea. <i>Fisheries Research</i> , 2018, 201, 68-78.	0.9	11
44	Transcriptomic profiling of male European eel (<i>Anguilla anguilla</i>) livers at sexual maturity. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 16, 28-35.	0.4	8
45	A Microarray Study of Carpet-Shell Clam (<i>Ruditapes decussatus</i>) Shows Common and Organ-Specific Growth-Related Gene Expression Differences in Gills and Digestive Gland. <i>Frontiers in Physiology</i> , 2017, 8, 943.	1.3	8
46	Combining Culture-Dependent and Culture-Independent Methods: New Methodology Insight on the <i>Vibrio</i> Community of <i>Ruditapes philippinarum</i> . <i>Foods</i> , 2021, 10, 1271.	1.9	8
47	A microarray-based analysis of oocyte quality in the European clam <i>Ruditapes decussatus</i> . <i>Aquaculture</i> , 2015, 446, 17-24.	1.7	7
48	Transcriptomic profiling of <i>Chamelea gallina</i> from sites along the Abruzzo coast (Italy), subject to periodic localized mortality events. <i>Marine Biology</i> , 2016, 163, 1.	0.7	6
49	Depuration processes affect the <i>Vibrio</i> community in the microbiota of the Manila clam, <i>Ruditapes philippinarum</i> . <i>Environmental Microbiology</i> , 2020, 22, 4456-4472.	1.8	6
50	Insights into Molecular Features of <i>Venerupis decussata</i> Oocytes: A Microarray-Based Study. <i>PLoS ONE</i> , 2014, 9, e113925.	1.1	6
51	Long-lasting effects of chronic exposure to chemical pollution on the hologenome of the Manila clam. <i>Evolutionary Applications</i> , 2021, 14, 2864-2880.	1.5	6
52	First Evidence of In Vitro Effects of C6O4 A Substitute of PFOA On Haemocytes of the Clam <i>Ruditapes philippinarum</i> . <i>Toxics</i> , 2021, 9, 191.	1.6	4
53	Understanding the mechanisms involved in the high sensitivity of <i>Pecten maximus</i> larvae to aeration. <i>Aquaculture</i> , 2018, 497, 189-199.	1.7	3
54	Molecular Monitoring of SARS-CoV-2 in Different Sewage Plants in Venice and the Implications for Genetic Surveillance. <i>ACS ES&T Water</i> , 0, , .	2.3	1