

# Valerio Matozzo

## List of Publications by Year in descending order

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100  
papers

4,250  
citations

100601

38  
h-index

139680

61  
g-index

101  
all docs

101  
docs citations

101  
times ranked

4098  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Three Widely Used Antibiotics and Their Mixture on the Haemocytes of the Clam <i>Ruditapes philippinarum</i> . <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
2	Dinitroaniline herbicide pendimethalin affects development and induces biochemical and histological alterations in zebrafish early-life stages. <i>Science of the Total Environment</i> , 2022, 828, 154414.	3.9	30
3	Zinc oxide, titanium dioxide and C60 fullerene nanoparticles, alone and in mixture, differently affect biomarker responses and proteome in the clam <i>Ruditapes philippinarum</i> . <i>Science of the Total Environment</i> , 2022, 838, 155873.	3.9	7
4	Toxicological effects and bioaccumulation of fullerene C60 (FC60) in the marine bivalve <i>Ruditapes philippinarum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111560.	2.9	10
5	Morpho-physiological responses by <i>Chlamydomonas reinhardtii</i> to different concentrations of ibuprofen. <i>Chemistry and Ecology</i> , 2021, 37, 352-368.	0.6	2
6	Effects of a mixture of glyphosate, 17 $\beta$ -ethynylestradiol and amyl salicylate on cellular and biochemical parameters of the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2021, 165, 105247.	1.1	6
7	Effects of the Fragrance Galaxolide on the Biomarker Responses of the Clam <i>Ruditapes philippinarum</i> . <i>Journal of Marine Science and Engineering</i> , 2021, 9, 509.	1.2	3
8	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
9	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
10	New compounds, old problems. The case of C6O4 - a substitute of PFOA - and its effects to the clam <i>Ruditapes philippinarum</i> . <i>Journal of Hazardous Materials</i> , 2021, 420, 126689.	6.5	10
11	Effects of long-term exposure of <i>Mytilus galloprovincialis</i> to thiacloprid: A multibiomarker approach. <i>Environmental Pollution</i> , 2021, 289, 117892.	3.7	73
12	Assessing the effects of neonicotinoid insecticide on the bivalve mollusc <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2020, 700, 134914.	3.9	97
13	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
14	EAT BREATHE EXCRETE REPEAT: Physiological Responses of the Mussel <i>Mytilus galloprovincialis</i> to Diclofenac and Ocean Acidification. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 907.	1.2	8
15	Acute effects of neonicotinoid insecticides on <i>Mytilus galloprovincialis</i> : A case study with the active compound thiacloprid and the commercial formulation calypso 480 SC. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110980.	2.9	85
16	Molecular and biochemical responses of vitellogenin in the mussel <i>Mytilus galloprovincialis</i> exposed to the glyphosate-based herbicide Roundup® Power 2.0. <i>Environmental Science and Pollution Research</i> , 2020, 27, 26543-26553.	2.7	2
17	The Effects of Glyphosate and Its Commercial Formulations to Marine Invertebrates: A Review. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 399.	1.2	64
18	Do males and females respond differently to ocean acidification? An experimental study with the sea urchin <i>Paracentrotus lividus</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 39516-39530.	2.7	13

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19	Exposure to Decreased pH and Caffeine Affects Hemocyte Parameters in the Mussel <i>Mytilus galloprovincialis</i> . <i>Journal of Marine Science and Engineering</i> , 2020, 8, 238.	1.2	17
20	Ecotoxicological hazard of a mixture of glyphosate and aminomethylphosphonic acid to the mussel <i>Mytilus galloprovincialis</i> (Lamarck 1819). <i>Scientific Reports</i> , 2019, 9, 14302.	1.6	27
21	Seawater acidification and emerging contaminants: A dangerous marriage for haemocytes of marine bivalves. <i>Environmental Research</i> , 2019, 175, 11-21.	3.7	21
22	Glyphosate affects haemocyte parameters in the clam <i>Ruditapes philippinarum</i> . <i>Marine Environmental Research</i> , 2019, 146, 66-70.	1.1	11
23	Assessing the health status of farmed mussels ( <i>Mytilus galloprovincialis</i> ) through histological, microbiological and biomarker analyses. <i>Journal of Invertebrate Pathology</i> , 2018, 153, 165-179.	1.5	22
24	Bioaccumulation and effects of titanium dioxide nanoparticles and bulk in the clam <i>Ruditapes philippinarum</i> . <i>Marine Environmental Research</i> , 2018, 136, 179-189.	1.1	38
25	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
26	Ecotoxicological risk assessment for the herbicide glyphosate to non-target aquatic species: A case study with the mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2018, 233, 623-632.	3.7	66
27	Effects of aminomethylphosphonic acid, the main breakdown product of glyphosate, on cellular and biochemical parameters of the mussel <i>Mytilus galloprovincialis</i> . <i>Fish and Shellfish Immunology</i> , 2018, 83, 321-329.	1.6	21
28	Does exposure to reduced pH and diclofenac induce oxidative stress in marine bivalves? A comparative study with the mussel <i>Mytilus galloprovincialis</i> and the clam <i>Ruditapes philippinarum</i> . <i>Environmental Pollution</i> , 2018, 240, 925-937.	3.7	58
29	Proliferation and differentiation of circulating haemocytes of <i>Ruditapes philippinarum</i> as a response to bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2018, 81, 73-82.	1.6	16
30	Effects of mustard oil cake on liver proteins of <i>Channa punctatus</i> (Bloch). <i>Interdisciplinary Toxicology</i> , 2018, 11, 200-203.	1.0	0
31	Clam bioaccumulation of Alkylphenols and Polycyclic aromatic hydrocarbons in the Venice lagoon under different pressures. <i>Marine Pollution Bulletin</i> , 2017, 124, 121-129.	2.3	10
32	Immunotoxicology Approaches in Ecotoxicology. , 2016, , 29-51.		6
33	Does the antibiotic amoxicillin affect haemocyte parameters in non-target aquatic invertebrates? The clam <i>Ruditapes philippinarum</i> and the mussel <i>Mytilus galloprovincialis</i> as model organisms. <i>Marine Environmental Research</i> , 2016, 119, 51-58.	1.1	25
34	In vivo exposure of the marine clam <i>Ruditapes philippinarum</i> to zinc oxide nanoparticles: responses in gills, digestive gland and haemolymph. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15275-15293.	2.7	53
35	Assessing the Effects of Amoxicillin on Antioxidant Enzyme Activities, Lipid Peroxidation and Protein Carbonyl Content in the Clam <i>Ruditapes philippinarum</i> and the Mussel <i>Mytilus galloprovincialis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 521-527.	1.3	19
36	<i>Pinna nobilis</i> : A big bivalve with big haemocytes?. <i>Fish and Shellfish Immunology</i> , 2016, 55, 529-534.	1.6	59

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37	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
38	A first survey on the biochemical composition of egg yolk and lysozyme-like activity of egg envelopment in the cuttlefish <i>Sepia officinalis</i> from the Northern Adriatic Sea (Italy). <i>Fish and Shellfish Immunology</i> , 2015, 45, 528-533.	1.6	5
39	Environmentally realistic concentrations of the antibiotic Trimethoprim affect haemocyte parameters but not antioxidant enzyme activities in the clam <i>Ruditapes philippinarum</i> . <i>Environmental Pollution</i> , 2015, 206, 567-574.	3.7	12
40	A first insight into haemocytes of the smooth venus clam <i>Callista chione</i> . <i>Fish and Shellfish Immunology</i> , 2015, 42, 494-502.	1.6	21
41	In vitro exposure of haemocytes of the clam <i>Ruditapes philippinarum</i> to titanium dioxide (TiO <sub>2</sub> ) nanoparticles: Nanoparticle characterisation, effects on phagocytic activity and internalisation of nanoparticles into haemocytes. <i>Marine Environmental Research</i> , 2015, 103, 11-17.	1.1	58
42	Does seawater acidification affect survival, growth and shell integrity in bivalve juveniles?. <i>Marine Environmental Research</i> , 2014, 99, 136-148.	1.1	60
43	Morpho-physiological effects of ibuprofen on <i>Scenedesmus rubescens</i> . <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 379-387.	2.0	31
44	Effects of the antidepressant fluoxetine on the immune parameters and acetylcholinesterase activity of the clam <i>Venerupis philippinarum</i> . <i>Marine Environmental Research</i> , 2014, 94, 32-37.	1.1	60
45	In vitro effects of the nonsteroidal anti-inflammatory drug, ibuprofen, on the immune parameters of the colonial ascidian <i>Botryllus schlosseri</i> . <i>Toxicology in Vitro</i> , 2014, 28, 778-783.	1.1	16
46	Impacts of CO <sub>2</sub> -induced seawater acidification on coastal Mediterranean bivalves and interactions with other climatic stressors. <i>Regional Environmental Change</i> , 2014, 14, 19-30.	1.4	60
47	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
48	Effects of the antidepressant, fluoxetine, on immune parameters of the clam <i>Venerupis philippinarum</i> . <i>Fish and Shellfish Immunology</i> , 2013, 34, 1726.	1.6	1
49	Seasonal and gender-related differences in morphometric features and cellular and biochemical parameters of <i>Carcinus aestuarii</i> from the Lagoon of Venice. <i>Marine Environmental Research</i> , 2013, 89, 21-28.	1.1	8
50	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
51	Can the combination of decreased pH and increased temperature values induce oxidative stress in the clam <i>Chamelea gallina</i> and the mussel <i>Mytilus galloprovincialis</i> ?. <i>Marine Pollution Bulletin</i> , 2013, 72, 34-40.	2.3	127
52	Accumulation of selenium in <i>Ulva</i> sp. and effects on morphology, ultrastructure and antioxidant enzymes and metabolites. <i>Aquatic Toxicology</i> , 2012, 122-123, 222-231.	1.9	78
53	Biomarker responses in the clam <i>Ruditapes philippinarum</i> and contamination levels in sediments from seaward and landward sites in the Lagoon of Venice. <i>Ecological Indicators</i> , 2012, 19, 191-205.	2.6	63
54	The nonsteroidal anti-inflammatory drug, ibuprofen, affects the immune parameters in the clam <i>Ruditapes philippinarum</i> . <i>Marine Environmental Research</i> , 2012, 79, 116-121.	1.1	53

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55	First Evidence of Immunomodulation in Bivalves under Seawater Acidification and Increased Temperature. <i>PLoS ONE</i> , 2012, 7, e33820.	1.1	111
56	A multi-biomarker approach to assess effects of Triclosan in the clam <i>Ruditapes philippinarum</i> . <i>Marine Environmental Research</i> , 2012, 74, 40-46.	1.1	84
57	Immunotoxic effects of triclosan in the clam <i>Ruditapes philippinarum</i> . <i>Ecotoxicology</i> , 2012, 21, 66-74.	1.1	50
58	New evidences in the complexity of contamination of the lagoon of Venice: polybrominated diphenyl ethers (PBDEs) pollution. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2001-2015.	1.3	8
59	Combined effects of temperature and salinity on functional responses of haemocytes and survival in air of the clam <i>Ruditapes philippinarum</i> . <i>Fish and Shellfish Immunology</i> , 2011, 30, 1024-1030.	1.6	46
60	Cellular and biochemical parameters in the crab <i>Carcinus aestuarii</i> after experimentally-induced stress: Effects of bacterial injection, leg ablation and bacterial injection/leg ablation combination. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 398, 18-25.	0.7	20
61	Can starvation influence cellular and biochemical parameters in the crab <i>Carcinus aestuarii</i> ?. <i>Marine Environmental Research</i> , 2011, 71, 207-212.	1.1	25
62	Effects of temperature on cellular and biochemical parameters in the crab <i>Carcinus aestuarii</i> (Crustacea, Decapoda). <i>Marine Environmental Research</i> , 2011, 71, 351-356.	1.1	51
63	In vitro effects of nonylphenol on functional responses of haemocytes of the colonial ascidian <i>Botryllus schlosseri</i> . <i>Marine Pollution Bulletin</i> , 2011, 62, 2042-2046.	2.3	3
64	First evidence of gender-related differences in immune parameters of the clam <i>Ruditapes philippinarum</i> (Mollusca, Bivalvia). <i>Marine Biology</i> , 2010, 157, 1181-1189.	0.7	34
65	Persistent organic pollutants in sediments from the Lagoon of Venice – a possible hazard for sediment-dwelling organisms. <i>Journal of Soils and Sediments</i> , 2010, 10, 1362-1379.	1.5	23
66	First cytochemical study of haemocytes from the crab <i>Carcinus aestuarii</i> (Crustacea, Decapoda). <i>European Journal of Histochemistry</i> , 2010, 54, 9.	0.6	30
67	Biomarker responses and contamination levels in the clam <i>Ruditapes philippinarum</i> for biomonitoring the Lagoon of Venice (Italy). <i>Journal of Environmental Monitoring</i> , 2010, 12, 776.	2.1	30
68	The role of haemocytes from the crab <i>Carcinus aestuarii</i> (Crustacea, Decapoda) in immune responses: A first survey. <i>Fish and Shellfish Immunology</i> , 2010, 28, 534-541.	1.6	62
69	Biomarker responses and contamination levels in crabs ( <i>Carcinus aestuarii</i> ) from the Lagoon of Venice: An integrated approach in biomonitoring estuarine environments. <i>Water Research</i> , 2010, 44, 1725-1736.	5.3	48
70	Biomarker responses in the crab <i>Carcinus aestuarii</i> to assess environmental pollution in the Lagoon of Venice (Italy). <i>Ecotoxicology</i> , 2009, 18, 869-877.	1.1	15
71	First Evidence of Altered Immune Responses and Resistance to Air Exposure in the Clam <i>Chamelea gallina</i> Exposed to Benzo(a)pyrene. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 479-488.	2.1	18
72	Investigation of EROD, CYP1A immunopositive proteins and SOD in haemocytes of <i>Chamelea gallina</i> and their role in response to B[a]P. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 382-392.	1.3	14

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73	Haemocytes and blastogenetic cycle in the colonial ascidian <i>Botryllus schlosseri</i> : a matter of life and death. <i>Cell and Tissue Research</i> , 2008, 331, 555-564.	1.5	38
74	First evidence of cell division in circulating haemocytes from the Manila clam <i>Tapes philippinarum</i> . <i>Cell Biology International</i> , 2008, 32, 865-868.	1.4	52
75	Lethal and estrogenic effects of 4-nonylphenol in the cockle <i>Cerastoderma glaucum</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 552-558.	2.3	15
76	Immunotoxicity of the xenoestrogen 4-nonylphenol to the cockle <i>Cerastoderma glaucum</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 453-459.	2.3	14
77	Effects of 4-nonylphenol exposure in mussels ( <i>Mytilus galloprovincialis</i> ) and crabs ( <i>Carcinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 365-372.	2.3	49
78	Can 17- $\beta$ estradiol induce vitellogenin-like proteins in the clam <i>Tapes philippinarum</i> ?. <i>Environmental Toxicology and Pharmacology</i> , 2008, 26, 38-44.	2.0	20
79	Vitellogenin as a biomarker of exposure to estrogenic compounds in aquatic invertebrates: A review. <i>Environment International</i> , 2008, 34, 531-545.	4.8	354
80	Effects of high temperatures on functional responses of haemocytes in the clam <i>Chamelea gallina</i> . <i>Fish and Shellfish Immunology</i> , 2007, 22, 98-114.	1.6	153
81	Haemocytes of the cockle <i>Cerastoderma glaucum</i> : Morphological characterisation and involvement in immune responses. <i>Fish and Shellfish Immunology</i> , 2007, 23, 732-746.	1.6	52
82	First evidence of altered vitellogenin-like protein levels in clam <i>Tapes philippinarum</i> and in cockle <i>Cerastoderma glaucum</i> from the Lagoon of Venice. <i>Marine Pollution Bulletin</i> , 2007, 55, 494-504.	2.3	25
83	Effects of salinity on the clam <i>Chamelea gallina</i> . Part I: alterations in immune responses. <i>Marine Biology</i> , 2007, 151, 1051-1058.	0.7	60
84	Effects of salinity on the clam <i>Chamelea gallina</i> haemocytes. Part II: Superoxide dismutase response. <i>Marine Biology</i> , 2007, 151, 1059-1068.	0.7	18
85	Uptake and Elimination of 4-Nonylphenol by the Clam <i>Tapes philippinarum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 571-578.	2.1	26
86	Acetylcholinesterase as a biomarker of exposure to neurotoxic compounds in the clam <i>Tapes philippinarum</i> from the Lagoon of Venice. <i>Marine Pollution Bulletin</i> , 2005, 50, 1686-1693.	2.3	100
87	Exposure to anoxia of the clam <i>Chamelea gallina</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 325, 163-174.	0.7	42
88	Exposure to anoxia of the clam, <i>Chamelea gallina</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 325, 175-188.	0.7	45
89	Can 4-nonylphenol induce vitellogenin-like proteins in the clam <i>Tapes philippinarum</i> ?. <i>Environmental Research</i> , 2005, 97, 43-49.	3.7	77
90	4-Nonylphenol induces immunomodulation and apoptotic events in the clam <i>Tapes philippinarum</i> . <i>Marine Ecology - Progress Series</i> , 2005, 285, 97-106.	0.9	28

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91	Exposure of the clam <i>Tapes philippinarum</i> to 4-nonylphenol: changes in anti-oxidant enzyme activities and re-burrowing capability. <i>Marine Pollution Bulletin</i> , 2004, 48, 563-571.	2.3	36
92	Vitellogenin induction as a biomarker of exposure to estrogenic compounds in aquatic environments. <i>Marine Pollution Bulletin</i> , 2004, 48, 835-839.	2.3	104
93	Evaluation of 4-nonylphenol toxicity in the clam <i>Tapes philippinarum</i> . <i>Environmental Research</i> , 2003, 91, 179-185.	3.7	26
94	Functional responses of haemocytes in the clam <i>Tapes philippinarum</i> from the Lagoon of Venice: fishing impact and seasonal variations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2003, 60, 949-958.	0.7	17
95	In vitro effects of tributyltin on functional responses of haemocytes in the clam <i>Tapes philippinarum</i> . <i>Applied Organometallic Chemistry</i> , 2002, 16, 169-174.	1.7	34
96	Phagocytic and enzymatic activities of cells and cell complexes in the coelomic fluid of the marine worm <i>Sipunculus nudus</i> ( <i>Sipuncula</i> ). <i>Italian Journal of Zoology</i> , 2001, 68, 273-280.	0.6	8
97	Effects of Copper and Cadmium Exposure on Functional Responses of Hemocytes in the Clam, <i>Tapes philippinarum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2001, 41, 163-170.	2.1	128
98	Haemocytes of the clam <i>Tapes philippinarum</i> (Adams & Reeve, 1850): morphofunctional characterisation. <i>Fish and Shellfish Immunology</i> , 2000, 10, 677-693.	1.6	142
99	Biomarkers for TBT Immunotoxicity Studies on the Cultivated Clam <i>Tapes philippinarum</i> (Adams and) <i>Tj ETQq1 1 0.784314 rgBT /Ove</i>	2.3	37
100	Immunotoxic effects of organotin compounds in <i>Tapes philippinarum</i> . <i>Chemosphere</i> , 1998, 37, 3035-3045.	4.2	40