

Tiziana Cappello

List of Publications by Year in descending order

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57
papers

2,726
citations

136950

32
h-index

189892

50
g-index

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all docs

59
docs citations

59
times ranked

2362
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the mechanisms underlying mercury-induced oxidative stress in gills of wild fish (<i>Liza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Environment, 2016, 548-549, 13-24.	8.0	126
2	Metabolomic investigation of <i>Mytilus galloprovincialis</i> (Lamarck 1819) caged in aquatic environments. Ecotoxicology and Environmental Safety, 2012, 84, 139-146.	6.0	124
3	Impact of environmental pollution on caged mussels <i>Mytilus galloprovincialis</i> using NMR-based metabolomics. Marine Pollution Bulletin, 2013, 77, 132-139.	5.0	122
4	Unravelling the mechanisms of mercury hepatotoxicity in wild fish (<i>Liza aurata</i>) through a triad approach: bioaccumulation, metabolomic profiles and oxidative stress. Metallomics, 2015, 7, 1352-1363.	2.4	108
5	Effects of petrochemical contamination on caged marine mussels using a multi-biomarker approach: Histological changes, neurotoxicity and hypoxic stress. Marine Environmental Research, 2017, 128, 114-123.	2.5	101
6	Comparative study of haematology of two teleost fish (<i>Mugil cephalus</i> and <i>Carassius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	9.9	99
7	¹ H NMR-based metabolomics investigation on the effects of petrochemical contamination in posterior adductor muscles of caged mussel <i>Mytilus galloprovincialis</i> . Ecotoxicology and Environmental Safety, 2017, 142, 417-422.	6.0	94
8	Effects of sublethal, environmentally relevant concentrations of hexavalent chromium in the gills of <i>Mytilus galloprovincialis</i> . Aquatic Toxicology, 2012, 120-121, 109-118.	4.0	87
9	PCB and OCP accumulation and evidence of hepatic alteration in the Atlantic bluefin tuna, <i>T. thynnus</i> , from the Mediterranean Sea. Marine Environmental Research, 2016, 121, 40-48.	2.5	87
10	Effects of environmental pollution in caged mussels (<i>Mytilus galloprovincialis</i>). Marine Environmental Research, 2013, 91, 52-60.	2.5	81
11	Advances in understanding the mechanisms of mercury toxicity in wild golden grey mullet (<i>Liza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	7.5	80
12	<i>Hermetia illucens</i> (Diptera: Stratiomyidae) larvae and prepupae: Biomass production, fatty acid profile and expression of key genes involved in lipid metabolism. Journal of Biotechnology, 2020, 307, 44-54.	3.8	75
13	Distributions and compositional patterns of polycyclic aromatic hydrocarbons (PAHs) and their derivatives in three edible fishes from Kharg coral island, Persian Gulf, Iran. Chemosphere, 2019, 215, 835-845.	8.2	73
14	Imidacloprid induces adverse effects on fish early life stages that are more severe in Japanese medaka (<i>Oryzias latipes</i>) than in zebrafish (<i>Danio rerio</i>). Chemosphere, 2019, 225, 470-478.	8.2	71
15	First polychlorinated biphenyls (PCBs) monitoring in seawater, surface sediments and marine fish communities of the Persian Gulf: Distribution, levels, congener profile and health risk assessment. Environmental Pollution, 2019, 253, 78-88.	7.5	67
16	Effects of Oxygen Availability on Oxidative Stress Biomarkers in the Mediterranean Mussel <i>Mytilus galloprovincialis</i> . Marine Biotechnology, 2017, 19, 614-626.	2.4	66
17	Embryotoxicity of polystyrene microplastics in zebrafish <i>Danio rerio</i> . Environmental Research, 2022, 208, 112552.	7.5	65
18	Time-dependent metabolic disorders induced by short-term exposure to polystyrene microplastics in the Mediterranean mussel <i>Mytilus galloprovincialis</i> . Ecotoxicology and Environmental Safety, 2021, 209, 111780.	6.0	60

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19	Biological responses of juvenile European sea bass (<i>Dicentrarchus labrax</i>) exposed to contaminated sediments. <i>Ecotoxicology and Environmental Safety</i> , 2013, 97, 114-123.	6.0	58
20	Neurotoxicological effects on marine mussel <i>Mytilus galloprovincialis</i> caged at petrochemical contaminated areas (eastern Sicily, Italy): ¹ H NMR and immunohistochemical assays. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 169, 7-15.	2.6	58
21	Food safety using NMR-based metabolomics: Assessment of the Atlantic bluefin tuna, <i>Thunnus thynnus</i> , from the Mediterranean Sea. <i>Food and Chemical Toxicology</i> , 2018, 115, 391-397.	3.6	57
22	Hypoxia-Inducible Factor β and Hif-prolyl Hydroxylase Characterization and Gene Expression in Short-Time Air-Exposed <i>Mytilus galloprovincialis</i> . <i>Marine Biotechnology</i> , 2015, 17, 768-781.	2.4	55
23	Sex steroids and metabolic responses in mussels <i>Mytilus galloprovincialis</i> exposed to drospirenone. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 166-172.	6.0	51
24	First record of bioaccumulation and bioconcentration of metals in Scleractinian corals and their algal symbionts from Kharg and Lark coral reefs (Persian Gulf, Iran). <i>Science of the Total Environment</i> , 2018, 640-641, 1500-1511.	8.0	50
25	Cellular biomarkers in the mussel <i>Mytilus galloprovincialis</i> (Bivalvia: Mytilidae) from Lake Faro (Sicily, Italy). <i>Italian Journal of Zoology</i> , 2014, 81, 43-54.	0.6	47
26	First report of geochemical fractionation distribution, bioavailability and risk assessment of potentially toxic inorganic elements in sediments of coral reef Islands of the Persian Gulf, Iran. <i>Marine Pollution Bulletin</i> , 2018, 137, 185-197.	5.0	46
27	Developmental abnormalities and neurotoxicological effects of CuO NPs on the black sea urchin <i>Arbacia lixula</i> by embryotoxicity assay. <i>Marine Environmental Research</i> , 2015, 111, 121-127.	2.5	41
28	Baseline levels of metabolites in different tissues of mussel <i>Mytilus galloprovincialis</i> (Bivalvia): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.0	40
29	Influence of continuous light treatment on expression of stress biomarkers in Atlantic cod. <i>Developmental and Comparative Immunology</i> , 2014, 44, 30-34.	2.3	38
30	Toxicity of Foroozan crude oil to ornate wrasse (<i>Thalassoma pavo</i> , Osteichthyes, Labridae): ultrastructure and cellular biomarkers. <i>Italian Journal of Zoology</i> , 2012, 79, 182-199.	0.6	36
31	A multidimensional concept for mercury neuronal and sensory toxicity in fish - From toxicokinetics and biochemistry to morphometry and behavior. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 129298.	2.4	36
32	Spatio-temporal variability, distribution and sources of n-alkanes and polycyclic aromatic hydrocarbons in reef surface sediments of Kharg and Lark coral reefs, Persian Gulf, Iran. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 307-322.	6.0	35
33	Perspectives of Nanoparticles in Male Infertility: Evidence for Induced Abnormalities in Sperm Production. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1758.	2.6	35
34	Haemolytic activity and characterization of nematocyst venom from <i>Pelagia noctiluca</i> (Cnidaria): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.6	34
35	Carbonic anhydrase integrated into a multimarker approach for the detection of the stress status induced by pollution exposure in <i>Mytilus galloprovincialis</i> : A field case study. <i>Science of the Total Environment</i> , 2019, 690, 140-150.	8.0	34
36	Uptake, accumulation and associated cellular alterations of environmental samples of microplastics in the seaworm <i>Hediste diversicolor</i> . <i>Journal of Hazardous Materials</i> , 2021, 406, 124287.	12.4	34

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37	Impact of environmental microplastics alone and mixed with benzo[a]pyrene on cellular and molecular responses of <i>Mytilus galloprovincialis</i> . <i>Journal of Hazardous Materials</i> , 2022, 435, 128952.	12.4	28
38	Copper oxide nanoparticles induce the transcriptional modulation of oxidative stress-related genes in <i>Arbacia lixula</i> embryos. <i>Aquatic Toxicology</i> , 2018, 201, 187-197.	4.0	26
39	Waste Valorization via <i>Hermetia Illucens</i> to Produce Protein-Rich Biomass for Feed: Insight into the Critical Nutrient Taurine. <i>Animals</i> , 2020, 10, 1710.	2.3	25
40	Autophagic event and metabolomic disorders unveil cellular toxicity of environmental microplastics on marine polychaete <i>Hediste diversicolor</i> . <i>Environmental Pollution</i> , 2022, 302, 119106.	7.5	25
41	Geochemical imprints of occurrence, vertical distribution and sources of aliphatic hydrocarbons, aliphatic ketones, hopanes and steranes in sediment cores from ten Iranian Coral Islands, Persian Gulf. <i>Marine Pollution Bulletin</i> , 2019, 144, 287-298.	5.0	23
42	Metabolomic disorders unveil hepatotoxicity of environmental microplastics in wild fish <i>Serranus scriba</i> (Linnaeus 1758). <i>Science of the Total Environment</i> , 2022, 838, 155872.	8.0	22
43	Alteration of neurotransmission and skeletogenesis in sea urchin <i>Arbacia lixula</i> embryos exposed to copper oxide nanoparticles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 199, 20-27.	2.6	20
44	Influences of Environmental Variables on Neurotransmission, Oxidative System, and Hypoxia Signaling on Two Clam Species from a Mediterranean Coastal Lagoon. <i>Journal of Shellfish Research</i> , 2016, 35, 41-49.	0.9	19
45	Historical sedimentary deposition and ecotoxicological impact of aromatic biomarkers in sediment cores from ten coral reefs of the Persian Gulf, Iran. <i>Science of the Total Environment</i> , 2019, 696, 133969.	8.0	17
46	Responses of marine mussel <i>Mytilus galloprovincialis</i> (Bivalvia: Mytilidae) after infection with the pathogen <i>Vibrio splendidus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 221, 1-9.	2.6	15
47	Ecotoxic Linking of Phthalates and Flame-Retardant Combustion Byproducts with Coral Solar Bleaching. <i>Environmental Science & Technology</i> , 2021, 55, 5970-5983.	10.0	14
48	Histological endpoints and oxidative stress transcriptional responses in the Mediterranean mussel <i>Mytilus galloprovincialis</i> exposed to realistic doses of salicylic acid. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103855.	4.0	14
49	Pen shell <i>Pinna nobilis</i> L. (Mollusca: Bivalvia) from different peculiar environments: adaptive mechanisms of osmoregulation and neurotransmission. , 2019, 86, 333-342.		13
50	Mesocosm System to Evaluate BF-MBR Efficacy in Mitigating Oily Wastewater Discharges: an Integrated Study on <i>Mytilus galloprovincialis</i> . <i>Marine Biotechnology</i> , 2019, 21, 773-790.	2.4	12
51	Organ-Specific Metabolome Deciphering Cell Pathways to Cope with Mercury in Wild Fish (Golden) Tj ETQq1 1 0.784314 rgBT ₁₁ /Overlock	2.3	11
52	Comparison of cellular mechanisms induced by pharmaceutical exposure to caffeine and its combination with salicylic acid in mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Toxicology and Pharmacology</i> , 2022, 93, 103888.	4.0	11
53	Assessment of the effectiveness of a novel BioFilm-Membrane BioReactor oil-polluted wastewater treatment technology by applying biomarkers in the mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2022, 243, 106059.	4.0	10
54	Insights into bioaccumulation and bioconcentration of potentially toxic elements in marine sponges from the Northwestern Mediterranean coast of Morocco. <i>Marine Pollution Bulletin</i> , 2022, 180, 113770.	5.0	9

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55	Time- and dose-dependent biological effects of a sub-chronic exposure to realistic doses of salicylic acid in the gills of mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 88161-88171.	5.3	9
56	Steroid Fingerprint Analysis of Endangered Caspian Seal (<i>Pusa caspica</i>) through the Gorgan Bay (Caspian Sea). <i>Environmental Science & Technology</i> , 2020, 54, 7339-7353.	10.0	7
57	Emerging POPs-type cocktail signatures in <i>Pusa caspica</i> in quantitative structure-activity relationship of Caspian Sea. <i>Journal of Hazardous Materials</i> , 2021, 406, 124334.	12.4	1