Teresa Balbi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5982285/publications.pdf

Version: 2024-02-01

38 papers	3,164 citations	279798 23 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	4328 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	In vivo effects of n-TiO2 on digestive gland and immune function of the marine bivalve Mytilus galloprovincialis. Aquatic Toxicology, 2013, 132-133, 9-18.	4.0	161
3	Interactions of cationic polystyrene nanoparticles with marine bivalve hemocytes in a physiological environment: Role of soluble hemolymph proteins. Environmental Research, 2016, 150, 73-81.	7.5	144
4	Interactive effects of n-TiO2 and 2,3,7,8-TCDD on the marine bivalve Mytilus galloprovincialis. Aquatic Toxicology, 2014, 153, 53-65.	4.0	130
5	Titanium dioxide nanoparticles modulate the toxicological response to cadmium in the gills of Mytilus galloprovincialis. Journal of Hazardous Materials, 2015, 297, 92-100.	12.4	114
6	Impact of cationic polystyrene nanoparticles (PS-NH2) on early embryo development of Mytilus galloprovincialis: Effects on shell formation. Chemosphere, 2017, 186, 1-9.	8.2	93
7	Adaptation of the bivalve embryotoxicity assay for the high throughput screening of emerging contaminants in Mytilus galloprovincialis. Marine Environmental Research, 2014, 99, 1-8.	2.5	90
8	Co-exposure to n-TiO2 and Cd2+ results in interactive effects on biomarker responses but not in increased toxicity in the marine bivalve M. galloprovincialis. Science of the Total Environment, 2014, 493, 355-364.	8.0	88
9	Interactive effects of nanoparticles with other contaminants in aquatic organisms: Friend or foe?. Marine Environmental Research, 2015, 111, 128-134.	2.5	74
10	Impact of bisphenol A (BPA) on early embryo development in the marine mussel Mytilus galloprovincialis: Effects on gene transcription. Environmental Pollution, 2016, 218, 996-1004.	7.5	69
11	Biomolecular coronas in invertebrate species: Implications in the environmental impact of nanoparticles. NanoImpact, 2017, 8, 89-98.	4.5	69
12	Cationic polystyrene nanoparticle and the sea urchin immune system: biocorona formation, cell toxicity, and multixenobiotic resistance phenotype. Nanotoxicology, 2018, 12, 847-867.	3.0	64
13	Shift in Immune Parameters After Repeated Exposure to Nanoplastics in the Marine Bivalve Mytilus. Frontiers in Immunology, 2020, 11, 426.	4.8	59
14	Combined effects of n-TiO2 and 2,3,7,8-TCDD in Mytilus galloprovincialis digestive gland: A transcriptomic and immunohistochemical study. Environmental Research, 2016, 145, 135-144.	7.5	57
15	Impact of nanoplastics on hemolymph immune parameters and microbiota composition in Mytilus galloprovincialis. Marine Environmental Research, 2020, 159, 105017.	2.5	51
16	Diclofenac affects early embryo development in the marine bivalve Mytilus galloprovincialis. Science of the Total Environment, 2018, 642, 601-609.	8.0	42
17	Interactions between Mytilus galloprovincialis hemocytes and the bivalve pathogens Vibrio aestuarianus 01/032 and Vibrio splendidus LGP32. Fish and Shellfish Immunology, 2013, 35, 1906-1915.	3.6	41
18	Cytotoxicity of CeO2 nanoparticles using in vitro assay with Mytilus galloprovincialis hemocytes: Relevance of zeta potential, shape and biocorona formation. Aquatic Toxicology, 2018, 200, 13-20.	4.0	39

#	Article	IF	Citations
19	Seasonal variability of different biomarkers in mussels (Mytilus galloprovincialis) farmed at different sites of the Gulf of La Spezia, Ligurian sea, Italy. Marine Pollution Bulletin, 2017, 116, 348-356.	5.0	38
20	Immunological Responses of Marine Bivalves to Contaminant Exposure: Contribution of the -Omics Approach. Frontiers in Immunology, 2021, 12, 618726.	4.8	33
21	Effects of nanosilver on Mytilus galloprovincialis hemocytes and early embryo development. Aquatic Toxicology, 2018, 203, 107-116.	4.0	32
22	Autophagic processes in Mytilus galloprovincialis hemocytes: Effects of Vibrio tapetis. Fish and Shellfish Immunology, 2018, 73, 66-74.	3.6	29
23	Responses of Mytilus galloprovincialis to challenge with the emerging marine pathogen Vibrio coralliilyticus. Fish and Shellfish Immunology, 2019, 84, 352-360.	3.6	29
24	Different solâ€“gel preparations of iron-doped TiO2 nanoparticles: characterization, photocatalytic activity and cytotoxicity. Journal of Sol-Gel Science and Technology, 2016, 80, 152-159.	2.4	25
25	Characterization of the main steps in first shell formation in Mytilus galloprovincialis : possible role of tyrosinase. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192043.	2.6	21
26	Invertebrate Models for Investigating the Impact of Nanomaterials on Innate Immunity: The Example of the Marine Mussel Mytilus spp.. Current Bionanotechnology, 2017, 2, 77-83.	0.6	21
27	Utilization of Mytilus digestive gland cells for the in vitro screening of potential metabolic disruptors in aquatic invertebrates. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 191, 26-35.	2.6	17
28	Phenotypical and molecular changes induced by carbamazepine and propranolol on larval stages of Mytilus galloprovincialis. Chemosphere, 2019, 234, 962-970.	8.2	16
29	Conservation of Cell Communication Systems in Invertebrate Hostâ€“Defence Mechanisms: Possible Role in Immunity and Disease. Biology, 2020, 9, 234.	2.8	16
30	Killing of Vibrio cholerae and Escherichia coli Strains Carrying D-mannose-sensitive Ligands by Mytilus Hemocytes is Promoted by a Multifunctional Hemolymph Serum Protein. Microbial Ecology, 2016, 72, 759-762.	2.8	14
31	Physiological Roles of Serotonin in Bivalves: Possible Interference by Environmental Chemicals Resulting in Neuroendocrine Disruption. Frontiers in Endocrinology, 2022, 13, 792589.	3.5	12
32	Estrogenic compounds as exogenous modulators of physiological functions in molluscs: Signaling pathways and biological responses. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 222, 135-144.	2.6	10
33	Facile synthesis of NIR and Visible luminescent Sm 3+ doped lutetium oxide nanoparticles. Materials Research Bulletin, 2017, 86, 220-227.	5.2	8
34	Tetrabromobisphenol A acts a neurodevelopmental disruptor in early larval stages of Mytilus galloprovincialis. Science of the Total Environment, 2021, 793, 148596.	8.0	7
35	Comparison of Different Commercial Nanopolystyrenes: Behavior in Exposure Media, Effects on Immune Function and Early Larval Development in the Model Bivalve Mytilus galloprovincialis. Nanomaterials, 2021, 11, 3291.	4.1	7
36	Ceramide Aminoethylphosphonate as a New Molecular Target for Pore-Forming Aegerolysin-Based Protein Complexes. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	6

#	Article	IF	Citations
37	Photocatalytic Fe-doped n-TiO 2 : From synthesis to utilization of in vitro cell models for screening human and environmental nanosafety. Resource-efficient Technologies, 2017, 3, 158-165.	0.1	4
38	A deepâ€sea bacterium related to coastal marine pathogens. Environmental Microbiology, 2021, 23, 5349-5363.	3.8	4