

Martha Kaloyianni

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

583
citations

623734

14
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Do poly(lactic acid) microplastics instigate a threat? A perception for their dynamic towards environmental pollution and toxicity. <i>Science of the Total Environment</i> , 2022, 832, 155014.	8.0	74
2	Cadmium effects on ROS production and DNA damage via adrenergic receptors stimulation: Role of Na ⁺ /H ⁺ -exchanger and PKC. <i>Free Radical Research</i> , 2005, 39, 1059-1070.	3.3	64
3	Toxicity assessment and comparison between two types of iron oxide nanoparticles in <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2016, 172, 9-20.	4.0	49
4	Oxidative stress parameters induced by exposure to either cadmium or 17 β -estradiol on <i>Mytilus galloprovincialis</i> hemocytes. The role of signaling molecules. <i>Aquatic Toxicology</i> , 2014, 146, 186-195.	4.0	47
5	Magnetite nanoparticles effects on adverse responses of aquatic and terrestrial animal models. <i>Journal of Hazardous Materials</i> , 2020, 383, 121204.	12.4	44
6	Differentiation in the expression of toxic effects of polyethylene-microplastics on two freshwater fish species: Size matters. <i>Science of the Total Environment</i> , 2022, 830, 154603.	8.0	44
7	Common mechanisms activated in the tissues of aquatic and terrestrial animal models after TiO ₂ nanoparticles exposure. <i>Environment International</i> , 2020, 138, 105611.	10.0	35
8	Toxicity and Functional Tissue Responses of Two Freshwater Fish after Exposure to Polystyrene Microplastics. <i>Toxics</i> , 2021, 9, 289.	3.7	33
9	Human mesenchymal stem cells with enhanced telomerase activity acquire resistance against oxidative stress-induced genomic damage. <i>Cytotherapy</i> , 2017, 19, 808-820.	0.7	29
10	Insights into the toxicity of iron oxides nanoparticles in land snails. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 206-207, 1-10.	2.6	27
11	Adrenergic responses of <i>R. ridibunda</i> red cells. <i>The Journal of Experimental Zoology</i> , 1996, 276, 175-185.	1.4	25
12	Zinc and 17 β -estradiol induce modifications in Na ⁺ /H ⁺ exchanger and pyruvate kinase activity through protein kinase C in isolated mantle/gonad cells of <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 257-266.	2.6	18
13	Biochemical and molecular responses of cyprinids in two Mediterranean lacustrine ecosystems: Opportunities for ecological assessment and biomonitoring. <i>Aquatic Toxicology</i> , 2019, 211, 105-115.	4.0	16
14	The influence of Zn on signaling pathways and attachment of <i>Mytilus galloprovincialis</i> haemocytes to extracellular matrix proteins. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 93-100.	2.6	14
15	Effects of cadmium and 17 β -estradiol on <i>Mytilus galloprovincialis</i> redox status. Prooxidant-antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. <i>Marine Environmental Research</i> , 2015, 103, 80-88.	2.5	14
16	Insights into the toxicity of biomaterials microparticles with a combination of cellular and oxidative biomarkers. <i>Journal of Hazardous Materials</i> , 2021, 413, 125335.	12.4	13
17	Toxicity assessment and comparison of the land snail's <i>Cornu aspersum</i> responses against CuO nanoparticles and ZnO nanoparticles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 236, 108817.	2.6	10
18	Metabolic effects and cellular volume responses induced by noradrenaline in nucleated erythrocytes. , 1997, 279, 337-346.		9

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19	Cariporide Counteracts Atherosclerosis-Related Functions in Monocytes from Obese and Normal Individuals. <i>Obesity</i> , 2005, 13, 1588-1595.	4.0	9
20	Differentiation Capacity of Monocyte-Derived Multipotential Cells on Nanocomposite Poly(ϵ -caprolactone)-Based Thin Films. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 161-175.	3.7	6
21	Monocyte Attachment to Native and MGO-Treated Laminin. Differences Between Healthy Volunteers and Diabetic Patients. <i>Journal of Adhesion</i> , 2008, 84, 1023-1032.	3.0	1
22	Adrenergic responses of <i>R. ridibunda</i> red cells. , 1996, 276, 175.		1
23	The cytotoxicity effect of a bis-MPA-based dendron, a bis-MPA-PEG dendrimer and a magnetite nanoparticle on stimulated and non-stimulated human blood lymphocytes. <i>Toxicology in Vitro</i> , 2022, , 105377.	2.4	1
24	Evidence for an alternative route of phosphoenolpyruvate metabolism in mature nucleated <i>Rana ridibunda</i> erythrocytes. <i>The Journal of Experimental Zoology</i> , 1993, 265, 422-426.	1.4	0
25	Regulation of cation transport pathways and glycolytic enzyme activity by alterations in red cell volume. , 1999, 17, 75-88.		0