

Stefanos Dailianis

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,599
citations

279798

23
h-index

302126

39
g-index

48
all docs

48
docs citations

48
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel digestive gland as a model tissue for assessing xenobiotics: An overview. <i>Science of the Total Environment</i> , 2018, 636, 220-229.	8.0	215
2	Carbamazepine-mediated pro-oxidant effects on the unicellular marine algal species <i>Dunaliella tertiolecta</i> and the hemocytes of mussel <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology</i> , 2013, 22, 1208-1220.	2.4	116
3	Olive oil mill wastewater toxicity in the marine environment: Alterations of stress indices in tissues of mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2011, 101, 358-366.	4.0	98
4	Effect of cultivation media on the toxicity of ZnO nanoparticles to freshwater and marine microalgae. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 109-116.	6.0	79
5	Treatment of printing ink wastewater using electrocoagulation. <i>Journal of Environmental Management</i> , 2019, 237, 442-448.	7.8	77
6	Environmental and human risk assessment of landfill leachate: An integrated approach with the use of cytotoxic and genotoxic stress indices in mussel and human cells. <i>Journal of Hazardous Materials</i> , 2013, 260, 593-601.	12.4	73
7	Seasonal alterations of landfill leachate composition and toxic potency in semi-arid regions. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 163-171.	12.4	70
8	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
9	Toxicity of two imidazolium ionic liquids, [bmim][BF ₄] and [omim][BF ₄], to standard aquatic test organisms: Role of acetone in the induced toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2015, 117, 62-71.	6.0	55
10	The role of selenium-dependent glutathione peroxidase (Se-GPx) against oxidative and genotoxic effects of mercury in haemocytes of mussel <i>Mytilus galloprovincialis</i> (Lmk.). <i>Toxicology in Vitro</i> , 2010, 24, 1363-1372.	2.4	54
11	Investigation of landfill leachate toxic potency: An integrated approach with the use of stress indices in tissues of mussels. <i>Aquatic Toxicology</i> , 2012, 124-125, 58-65.	4.0	49
12	Antioxidant and pro-oxidant challenge of tannic acid in mussel hemocytes exposed to cadmium. <i>Marine Environmental Research</i> , 2013, 85, 13-20.	2.5	44
13	Production of superoxides and nitric oxide generation in haemocytes of mussel <i>Mytilus galloprovincialis</i> (Lmk.) after exposure to cadmium: A possible involvement of Na ⁺ /H ⁺ exchanger in the induction of cadmium toxic effects. <i>Fish and Shellfish Immunology</i> , 2009, 27, 446-453.	3.6	40
14	The role of signalling molecules on actin glutathionylation and protein carbonylation induced by cadmium in haemocytes of mussel <i>Mytilus galloprovincialis</i> (Lmk.). <i>Journal of Experimental Biology</i> , 2009, 212, 3612-3620.	1.7	36
15	Investigation of toxic effects of imidazolium ionic liquids, [bmim][BF ₄] and [omim][BF ₄], on marine mussel <i>Mytilus galloprovincialis</i> with or without the presence of conventional solvents, such as acetone. <i>Aquatic Toxicology</i> , 2015, 164, 72-80.	4.0	35
16	Generation of free radicals in haemocytes of mussels after exposure to low molecular weight PAH components: Immune activation, oxidative and genotoxic effects. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 182-189.	2.6	34
17	Cadmium induces both pyruvate kinase and Na ⁺ /H ⁺ -exchanger activity through protein kinase C mediated signal transduction, in isolated digestive gland cells of <i>Mytilus galloprovincialis</i> (L.). <i>Journal of Experimental Biology</i> , 2004, 207, 1665-1674.	1.7	33
18	Total thiol redox status as a potent biomarker of PAH-mediated effects on mussels. <i>Marine Environmental Research</i> , 2012, 81, 26-34.	2.5	33

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19	Brewery wastewater treatment using cyanobacterial-bacterial settleable aggregates. <i>Algal Research</i> , 2020, 49, 101957.	4.6	32
20	Involvement of Na ⁺ /H ⁺ exchanger and respiratory burst enzymes NADPH oxidase and NO synthase, in Cd-induced lipid peroxidation and DNA damage in haemocytes of mussels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 346-352.	2.6	30
21	A Multidisciplinary Assessment of River Surface Water Quality in Areas Heavily Influenced by Human Activities. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 208-222.	4.1	28
22	Assessment of the toxic potential of rainwater precipitation: First evidence from a case study in three Greek cities. <i>Science of the Total Environment</i> , 2019, 648, 1323-1332.	8.0	27
23	Aqueous phenanthrene toxicity after high-frequency ultrasound degradation. <i>Aquatic Toxicology</i> , 2014, 147, 32-40.	4.0	23
24	Investigation of olive mill wastewater (OMW) ozonation efficiency with the use of a battery of selected ecotoxicity and human toxicity assays. <i>Aquatic Toxicology</i> , 2015, 164, 135-144.	4.0	23
25	Physiological response of the green microalgae <i>Dunaliella tertiolecta</i> against imidazolium ionic liquids [bmim][BF ₄] and/or [omim][BF ₄]: the role of salinity on the observed effects. <i>Journal of Applied Phycology</i> , 2016, 28, 979-990.	2.8	19
26	Mediated effect of ultrasound treated Diclofenac on mussel hemocytes: First evidence for the involvement of respiratory burst enzymes in the induction of DCF-mediated unspecific mode of action. <i>Aquatic Toxicology</i> , 2016, 175, 144-153.	4.0	19
27	Zinc and 17β-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
28	Role of cAMP in Tissues of Mussel <i>Mytilus galloprovincialis</i> As a Potent Biomarker of Cadmium in Marine Environments. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 371-378.	4.1	18
29	The impact of expired commercial drugs on non-target marine species: A case study with the use of a battery of biomarkers in hemocytes of mussels. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 160-168.	6.0	16
30	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
31	ZnO, Ag and ZnO-Ag nanoparticles exhibit differential modes of toxic and oxidative action in hemocytes of mussel <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2021, 767, 144699.	8.0	13
32	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
33	[omim][BF ₄]-mediated toxicity in mussel hemocytes includes its interaction with cellular membrane proteins. <i>Aquatic Toxicology</i> , 2018, 203, 88-94.	4.0	12
34	Evidence for phosphatidylinositol-3-OH-kinase (PI3-kinase) involvement in Cd-mediated oxidative effects on hemocytes of mussels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 587-593.	2.6	10
35	Evaluation of a battery of marine species-based bioassays against raw and treated municipal wastewaters. <i>Journal of Hazardous Materials</i> , 2017, 321, 537-546.	12.4	10
36	The Potential Risk of Electronic Waste Disposal into Aquatic Media: The Case of Personal Computer Motherboards. <i>Toxics</i> , 2021, 9, 166.	3.7	8

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37	The role of acetone in the [omim][BF ₄]-mediated adverse effects on tissues of mussels, human lymphocytes and the fruit fly <i>Drosophila melanogaster</i> . <i>Journal of Hazardous Materials</i> , 2017, 333, 339-347.	12.4	7
38	Effects of <i>Burkholderia thailandensis</i> rhamnolipids on the unicellular algae <i>Dunaliella tertiolecta</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109413.	6.0	7
39	Assessing the cyto-genotoxic potential of model zinc oxide nanoparticles in the presence of humic-acid-like-polycondensate (HALP) and the leonardite HA (LHA). <i>Science of the Total Environment</i> , 2020, 721, 137625.	8.0	7
40	Chemical and biological tracking in decentralized sanitation systems: The case of artificial constructed wetlands. <i>Journal of Environmental Management</i> , 2021, 300, 113799.	7.8	6
41	The role of phosphatidylinositol-3-OH-kinase (PI3-kinase) and respiratory burst enzymes in the [omim][BF ₄]-mediated toxic mode of action in mussel hemocytes. <i>Fish and Shellfish Immunology</i> , 2017, 68, 144-153.	3.6	5
42	Physicochemical and Toxicological Assay of Leachate from Malt Spent Rootlets Biochar. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 634-641.	2.7	5
43	PCB cause global DNA hypomethylation of human peripheral blood monocytes in vitro. <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103696.	4.0	5
44	Feeding regimes modulate biomarkers responsiveness in mussels treated with diclofenac. <i>Marine Environmental Research</i> , 2020, 156, 104919.	2.5	5
45	The Effect of Anode Material on the Performance of a Hydrogen Producing Microbial Electrolysis Cell, Operating with Synthetic and Real Wastewaters. <i>Energies</i> , 2021, 14, 8375.	3.1	5
46	Assessing the environmental/human risk of potential genotoxicants in water samples from lacustrine ecosystems: The case of lakes in Western Greece. <i>Science of the Total Environment</i> , 2017, 574, 246-252.	8.0	3
47	Assessing the seasonal and intrinsic variability of neurotoxic and cyto-genotoxic biomarkers in blood of free-living <i>Eleonora's</i> ™ falcons. <i>Science of the Total Environment</i> , 2020, 711, 135101.	8.0	3
48	Printing ink wastewater treatment using combined hydrodynamic cavitation and pH fixation. <i>Journal of Environmental Management</i> , 2022, 317, 115404.	7.8	3