Stefanos Dailianis

List of Publications by Year
in descending order

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48	1,599	279798	302126
papers	citations	23 h-index	39 g-index

48	48	48	2079
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Printing ink wastewater treatment using combined hydrodynamic cavitation and pH fixation. Journal of Environmental Management, 2022, 317, 115404.	7.8	3
2	ZnO, Ag and ZnO-Ag nanoparticles exhibit differential modes of toxic and oxidative action in hemocytes of mussel Mytilus galloprovincialis. Science of the Total Environment, 2021, 767, 144699.	8.0	13
3	Insights into the toxicity of biomaterials microparticles with a combination of cellular and oxidative biomarkers. Journal of Hazardous Materials, 2021, 413, 125335.	12.4	13
4	The Potential Risk of Electronic Waste Disposal into Aquatic Media: The Case of Personal Computer Motherboards. Toxics, 2021, 9, 166.	3.7	8
5	PCB cause global DNA hypomethylation of human peripheral blood monocytes in vitro. Environmental Toxicology and Pharmacology, 2021, 87, 103696.	4.0	5
6	Chemical and biological tracking in decentralized sanitation systems: The case of artificial constructed wetlands. Journal of Environmental Management, 2021, 300, 113799.	7.8	6
7	The Effect of Anode Material on the Performance of a Hydrogen Producing Microbial Electrolysis Cell, Operating with Synthetic and Real Wastewaters. Energies, 2021, 14, 8375.	3.1	5
8	Assessing the seasonal and intrinsic variability of neurotoxic and cyto-genotoxic biomarkers in blood of free-living Eleonorasâ€™ falcons. Science of the Total Environment, 2020, 711, 135101.	8.0	3
9	Brewery wastewater treatment using cyanobacterial-bacterial settleable aggregates. Algal Research, 2020, 49, 101957.	4.6	32
10	Physicochemical and Toxicological Assay of Leachate from Malt Spent Rootlets Biochar. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 634-641.	2.7	5
11	Feeding regimes modulate biomarkers responsiveness in mussels treated with diclofenac. Marine Environmental Research, 2020, 156, 104919.	2.5	5
12	Assessing the cyto-genotoxic potential of model zinc oxide nanoparticles in the presence of humic-acid-like-polycondensate (HALP) and the leonardite HA (LHA). Science of the Total Environment, 2020, 721, 137625.	8.0	7
13	Assessment of the toxic potential of rainwater precipitation: First evidence from a case study in three Greek cities. Science of the Total Environment, 2019, 648, 1323-1332.	8.0	27
14	Effects of Burkholderia thailandensis rhamnolipids on the unicellular algae Dunaliella tertiolecta. Ecotoxicology and Environmental Safety, 2019, 182, 109413.	6.0	7
15	Treatment of printing ink wastewater using electrocoagulation. Journal of Environmental Management, 2019, 237, 442-448.	7.8	77
16	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. Ecotoxicology and Environmental Safety, 2018, 148, 160-168.	6.0	16
17	Mussel digestive gland as a model tissue for assessing xenobiotics: An overview. Science of the Total Environment, 2018, 636, 220-229.	8.0	215
18	[omim][BF4]-mediated toxicity in mussel hemocytes includes its interaction with cellular membrane proteins. Aquatic Toxicology, 2018, 203, 88-94.	4.0	12

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19	The role of acetone in the [omim][BF4]-mediated adverse effects on tissues of mussels, human lymphocytes and the fruit fly Drosophila melanogaster. Journal of Hazardous Materials, 2017, 333, 339-347.	12.4	7
20	The role of phosphatidylinositol-3-OH-kinase (PI3-kinase) and respiratory burst enzymes in the [omim][BF4]-mediated toxic mode of action in mussel hemocytes. Fish and Shellfish Immunology, 2017, 68, 144-153.	3.6	5
21	Assessing the environmental/human risk of potential genotoxicants in water samples from lacustrine ecosystems: The case of lakes in Western Greece. Science of the Total Environment, 2017, 574, 246-252.	8.0	3
22	Evaluation of a battery of marine species-based bioassays against raw and treated municipal wastewaters. Journal of Hazardous Materials, 2017, 321, 537-546.	12.4	10
23	Physiological response of the green microalgae Dunaliella tertiolecta against imidazolium ionic liquids [bmim][BF4] and/or [omim][BF4]: the role of salinity on the observed effects. Journal of Applied Phycology, 2016, 28, 979-990.	2.8	19
24	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. Aquatic Toxicology, 2016, 175, 144-153.	4.0	19
25	Effect of cultivation media on the toxicity of ZnO nanoparticles to freshwater and marine microalgae. Ecotoxicology and Environmental Safety, 2015, 114, 109-116.	6.0	79
26	Investigation of toxic effects of imidazolium ionic liquids, [bmim][BF4] and [omim][BF4], on marine mussel Mytilus galloprovincialis with or without the presence of conventional solvents, such as acetone. Aquatic Toxicology, 2015, 164, 72-80.	4.0	35
27	Toxicity of two imidazolium ionic liquids, [bmim][BF4] and [omim][BF4], to standard aquatic test organisms: Role of acetone in the induced toxicity. Ecotoxicology and Environmental Safety, 2015, 117, 62-71.	6.0	55
28	A Multidisciplinary Assessment of River Surface Water Quality in Areas Heavily Influenced by Human Activities. Archives of Environmental Contamination and Toxicology, 2015, 69, 208-222.	4.1	28
29	Investigation of olive mill wastewater (OMW) ozonation efficiency with the use of a battery of selected ecotoxicity and human toxicity assays. Aquatic Toxicology, 2015, 164, 135-144.	4.0	23
30	Aqueous phenanthrene toxicity after high-frequency ultrasound degradation. Aquatic Toxicology, 2014, 147, 32-40.	4.0	23
31	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. Journal of Hazardous Materials, 2013, 260, 593-601.	12.4	73
32	Antioxidant and pro-oxidant challenge of tannic acid in mussel hemocytes exposed to cadmium. Marine Environmental Research, 2013, 85, 13-20.	2.5	44
33	Carbamazepine-mediated pro-oxidant effects on the unicellular marine algal species Dunaliella tertiolecta and the hemocytes of mussel Mytilus galloprovincialis. Ecotoxicology, 2013, 22, 1208-1220.	2.4	116
34	Investigation of landfill leachate toxic potency: An integrated approach with the use of stress indices in tissues of mussels. Aquatic Toxicology, 2012, 124-125, 58-65.	4.0	49
35	Generation of free radicals in haemocytes of mussels after exposure to low molecular weight PAH components: Immune activation, oxidative and genotoxic effects. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 182-189.	2.6	34
36	Evidence for phosphatidylinositol-3-OH-kinase (PI3-kinase) involvement in Cd-mediated oxidative effects on hemocytes of mussels. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 587-593.	2.6	10

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37	Seasonal alterations of landfill leachate composition and toxic potency in semi-arid regions. Journal of Hazardous Materials, 2012, 233-234, 163-171.	12.4	70
38	Total thiol redox status as a potent biomarker of PAH-mediated effects on mussels. Marine Environmental Research, 2012, 81, 26-34.	2.5	33
39	Olive oil mill wastewater toxicity in the marine environment: Alterations of stress indices in tissues of mussel Mytilus galloprovincialis. Aquatic Toxicology, 2011, 101, 358-366.	4.0	98
40	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. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 346-352.	2.6	30
41	The role of selenium-dependent glutathione peroxidase (Se-GPx) against oxidative and genotoxic effects of mercury in haemocytes of mussel Mytilus galloprovincialis (Lmk.). Toxicology in Vitro, 2010, 24, 1363-1372.	2.4	54
42	The role of signalling molecules on actin glutathionylation and protein carbonylation induced by cadmium in haemocytes of musselMytilus galloprovincialis(Lmk). Journal of Experimental Biology, 2009, 212, 3612-3620.	1.7	36
43	Production of superoxides and nitric oxide generation in haemocytes of mussel Mytilus galloprovincialis (Lmk.) after exposure to cadmium: A possible involvement of Na+/H+ exchanger in the induction of cadmium toxic effects. Fish and Shellfish Immunology, 2009, 27, 446-453.	3.6	40
44	Role of cAMP in Tissues of Mussel Mytilus galloprovincialis As a Potent Biomarker of Cadmium in Marine Environments. Archives of Environmental Contamination and Toxicology, 2007, 52, 371-378.	4.1	18
45	The influence of Zn on signaling pathways and attachment of Mytilus galloprovincialis haemocytes to extracellular matrix proteins. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 144, 93-100.	2.6	14
46	Cadmium effects on ROS production and DNA damage via adrenergic receptors stimulation: Role of Na+/H+exchanger and PKC. Free Radical Research, 2005, 39, 1059-1070.	3.3	64
47	Zinc and 17Î²-estradiol induce modifications in Na+/H+ exchanger and pyruvate kinase activity through protein kinase C in isolated mantle/gonad cells of Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 141, 257-266.	2.6	18
48	Cadmium induces both pyruvate kinase and Na+/H+exchanger activity through protein kinase C mediated signal transduction, in isolated digestive gland cells of Mytilus galloprovincialis(L.). Journal of Experimental Biology, 2004, 207, 1665-1674.	1.7	33