Annamaria Volpi Ghirardini

List of Publications by Year
in descending order

66	2,143	185998 28	233125 45
papers	citations	h-index	g-index

67	67	67	2792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	To centralise or to decentralise: An overview of the most recent trends in wastewater treatment management. Journal of Environmental Management, 2012, 94, 61-68.	3.8	224
2	A review of terms and definitions to categorise estuaries, lagoons and associated environments. Marine and Freshwater Research, 2009, 60, 497.	0.7	156
3	Photocatalytic degradation of the antibiotic chloramphenicol and effluent toxicity effects. Ecotoxicology and Environmental Safety, 2016, 123, 65-71.	2.9	112
4	Ecotoxicity of engineered TiO2 nanoparticles to saltwater organisms: An overview. Environment International, 2014, 66, 18-27.	4.8	109
5	Phytotoxicity of ionic, micro- and nano-sized iron in three plant species. Ecotoxicology and Environmental Safety, 2016, 123, 81-88.	2.9	89
6	Notes on coastal lagoon typology in the light of the EU Water Framework Directive: Italy as a case study. Aquatic Conservation: Marine and Freshwater Ecosystems, 2006, 16, 457-467.	0.9	82
7	Embryotoxicity of TiO2 nanoparticles to Mytilus galloprovincialis (Lmk). Marine Environmental Research, 2013, 92, 71-78.	1.1	79
8	Toxicity of heavy metals using sperm cell and embryo toxicity bioassays with Paracentrotus lividus (Echinodermata: Echinoidea): Comparisons with exposure concentrations in the Lagoon of Venice, Italy. Environmental Toxicology and Chemistry, 2003, 22, 1295-1301.	2.2	65
9	Sediment toxicity assessment in the Lagoon of Venice (Italy) using Paracentrotus lividus (Echinodermata: Echinoidea) fertilization and embryo bioassays. Environment International, 2005, 31, 1065-1077.	4.8	62
10	Toxicity of tributyltin and triphenyltin to early lifeâ€stages ofParacentrotus lividus(Echinodermata: Echinoidea). Environmental Toxicology and Chemistry, 2002, 21, 859-864.	2.2	54
11	A Sperm Cell Toxicity Test Procedure for the Mediterranean SpeciesParacentrotus Lividus(Echinodermata: Echinoidea). Environmental Technology (United Kingdom), 2001, 22, 439-445.	1.2	43
12	MicrotoxÂ® solid phase test: Effect of diluent used in toxicity test. Ecotoxicology and Environmental Safety, 2009, 72, 851-861.	2.9	43
13	Seawater ecotoxicity of monoethanolamine, diethanolamine and triethanolamine. Journal of Hazardous Materials, 2010, 176, 535-539.	6.5	43
14	Is the 1:4 elutriation ratio reliable? Ecotoxicological comparison of four different sediment:water proportions. Ecotoxicology and Environmental Safety, 2006, 65, 306-313.	2.9	41
15	An innovative stabilization/solidification treatment For contaminated soil remediation: demonstration project results. Journal of Soils and Sediments, 2009, 9, 229-236.	1.5	41
16	Ecotoxicological evaluation of industrial port of Venice (Italy) sediment samples after a decontamination treatment. Environmental Pollution, 2008, 156, 644-650.	3.7	40
17	Ecotoxicological evaluation of Mediterranean dredged sediment ports based on elutriates with oyster embryotoxicity tests after composting process. Water Research, 2010, 44, 1986-1994.	5.3	39
18	Combined effects of arsenic, salinity and temperature on Crassostrea gigas embryotoxicity. Ecotoxicology and Environmental Safety, 2018, 147, 251-259.	2.9	36

#	Article	IF	Citations
19	Potential role of sulfide and ammonia as confounding factors in elutriate toxicity bioassays with early life stages of sea urchins and bivalves. Ecotoxicology and Environmental Safety, 2007, 66, 252-257.	2.9	35
20	Toxicity of untreated wood leachates towards two saltwater organisms (Crassostrea gigas and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	6.5	35
21	Lignin and tannin toxicity to Phaeodactylum tricornutum (Bohlin). Journal of Hazardous Materials, 2011, 194, 435-439.	6.5	34
22	TOXICITY OF TRIBUTYLTIN AND TRIPHENYLTIN TO EARLY LIFE-STAGES OF PARACENTROTUS LIVIDUS (ECHINODERMATA: ECHINOIDEA). Environmental Toxicology and Chemistry, 2002, 21, 859.	2.2	34
23	Intercalibration of ecotoxicity testing protocols with Artemia franciscana. Ecological Indicators, 2015, 57, 41-47.	2.6	32
24	Effects of alginate on stability and ecotoxicity of nano-TiO2 in artificial seawater. Ecotoxicology and Environmental Safety, 2015, 117, 107-114.	2.9	31
25	Potential effects of TiO2 nanoparticles and TiCl4 in saltwater to Phaeodactylum tricornutum and Artemia franciscana. Science of the Total Environment, 2017, 579, 1379-1386.	3.9	31
26	Evaluation of surficial sediment toxicity and sediment physico-chemical characteristics of representative sites in the Lagoon of Venice (Italy). Journal of Marine Systems, 2004, 51, 281-292.	0.9	30
27	Overview of ecotoxicological studies performed in the Venice Lagoon (Italy). Environment International, 2010, 36, 92-121.	4.8	30
28	Developing Toxicity Scores for Embryotoxicity Tests on Elutriates with the Sea Urchin Paracentrotus lividus, the Oyster Crassostrea gigas, and the Mussel Mytilus galloprovincialis. Archives of Environmental Contamination and Toxicology, 2007, 53, 220-226.	2.1	29
29	Assessment of sediment toxicity in the Lagoon of Venice (Italy) using a multi-species set of bioassays. Ecotoxicology and Environmental Safety, 2016, 123, 32-44.	2.9	29
30	Assessing the potential phytotoxicity of digestate from winery wastes. Ecotoxicology and Environmental Safety, 2018, 150, 26-33.	2.9	28
31	Assessment of phenolic herbicide toxicity and mode of action by different assays. Environmental Science and Pollution Research, 2016, 23, 7398-7408.	2.7	27
32	Evaporation and air-stripping to assess and reduce ethanolamines toxicity in oily wastewater. Journal of Hazardous Materials, 2008, 153, 928-936.	6.5	25
33	Wastewater effects on Phaeodactylum tricornutum (Bohlin): Setting up a classification system. Ecological Indicators, 2016, 60, 31-37.	2.6	25
34	Sea Urchin Toxicity Bioassays for Sediment Quality Assessment in the Lagoon of Venice (Italy). Chemistry and Ecology, 2003, 19, 99-111.	0.6	24
35	Guiding the development of sustainable nano-enabled products for the conservation of works of art: proposal for a framework implementing the Safe by Design concept. Environmental Science and Pollution Research, 2019, 26, 26146-26158.	2.7	24
36	Evaluation of Chlorella vulgaris and Scenedesmus obliquus growth on pretreated organic solid waste digestate. Waste Management, 2021, 119, 235-241.	3.7	23

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37	Evaluation of Corophium orientale as bioindicator for Venice Lagoon: Sensitivity assessment and toxicity-score proposal. Ecotoxicology and Environmental Safety, 2008, 70, 174-184.	2.9	20
38	SULFIDE AS A CONFOUNDING FACTOR IN TOXICITY TESTS WITH THE SEA URCHIN PARACENTROTUS LIVIDUS: COMPARISONS WITH CHEMICAL ANALYSIS DATA. Environmental Toxicology and Chemistry, 2004, 23, 396.	2.2	19
39	Hydrogeological effects of dredging navigable canals through lagoon shallows. A case study in Venice. Hydrology and Earth System Sciences, 2017, 21, 5627-5646.	1.9	19
40	Accumulation of trace elements in feathers of the Kentish plover Charadrius alexandrinus. Ecotoxicology and Environmental Safety, 2019, 179, 62-70.	2.9	19
41	Heavy metals inHediste diversicolor(polychaeta: nereididae) and salt marsh sediments from the lagoon of Venice (Italy). Chemistry and Ecology, 2005, 21, 441-454.	0.6	15
42	Porewater as a matrix in toxicity bioassays with sea urchins and bivalves: Evaluation of applicability to the Venice lagoon (Italy). Environment International, 2009, 35, 118-126.	4.8	14
43	Influence of the salinity adjustment methods, salts and brine, on the toxicity of wastewater samples to mussel embryos. Environmental Technology (United Kingdom), 2009, 30, 85-91.	1.2	13
44	Toxicity removal efficiency of decentralised sequencing batch reactor and ultra-filtration membrane bioreactors. Water Research, 2010, 44, 4437-4450.	5.3	13
45	Fragrance materials (FMs) affect the larval development of the copepod Acartia tonsa: An emerging issue for marine ecosystems. Ecotoxicology and Environmental Safety, 2021, 215, 112146.	2.9	13
46	The ubiquity of neonicotinoid contamination: Residues in seabirds with different trophic habits. Environmental Research, 2022, 206, 112637.	3.7	12
47	Assessing the exposure to human and veterinary pharmaceuticals in waterbirds: The use of feathers for monitoring antidepressants and nonsteroidal anti-inflammatory drugs. Science of the Total Environment, 2022, 821, 153473.	3.9	12
48	Occurrence of rare earth elements in fledgelings of Thalasseus sandvicensis. Environmental Research, 2022, 204, 112152.	3.7	11
49	Testing lagoonal sediments with early life stages of the copepod Acartia tonsa (Dana): An approach to assess sediment toxicity in the Venice Lagoon. Ecotoxicology and Environmental Safety, 2018, 147, 217-227.	2.9	10
50	Toxicity of heavy metals using sperm cell and embryo toxicity bioassays with Paracentrotus lividus (Echinodermata: Echinoidea): comparisons with exposure concentrations in the Lagoon of Venice, Italy. Environmental Toxicology and Chemistry, 2003, 22, 1295-301.	2.2	10
51	Geospeciation, toxicological evaluation, and hazard assessment of trace elements in superficial and deep sediments. Environmental Science and Pollution Research, 2020, 27, 15565-15583.	2.7	8
52	TOXICITY OF HEAVY METALS USING SPERM CELL AND EMBRYO TOXICITY BIOASSAYS WITH PARACENTROTUS LIVIDUS (ECHINODERMATA: ECHINOIDEA): COMPARISONS WITH EXPOSURE CONCENTRATIONS IN THE LAGOON OF VENICE, ITALY. Environmental Toxicology and Chemistry, 2003, 22, 1295.	2.2	8
53	Influence of storage methods, refrigeration or freezing, on the toxicity of wastewater samples to oyster embryos. Environmental Technology (United Kingdom), 2009, 30, 535-541.	1.2	7
54	Sperm cell and embryo toxicity tests using the sea urchin Paracentrotus lividus (LmK). , 2005, , .		7

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55	Effect of Particulate Matter on Copper and Surfactants' Acute Toxicity to Echinogammarus Tibaldii (Crustacea, Amphipoda). Environmental Technology (United Kingdom), 1995, 16, 263-270.	1.2	4
56	Performance assessment of AS-SBR and UF-MBR for hotel wastewater treatment. Water Science and Technology, 2009, 60, 1701-1709.	1.2	4
57	A Hybrid Phase Iâ€“Phase II Toxicity Identification Evaluation (TIE) for the Simultaneous Characterization and Identification of Toxicants of Concern in Coastal and Estuarine Environments. Archives of Environmental Contamination and Toxicology, 2019, 77, 223-236.	2.1	4
58	Bioaccumulation of Polychlorinated Dibenzo-p-Dioxins (PCDDs) and Dibenzofurans (PCDFs) in Hediste diversicolor (Polychaeta: Nereididae). Frontiers in Ecology and Evolution, 2020, 8, .	1.1	4
59	Inhibition of Larval Development of Marine Copepods Acartia tonsa by Neonicotinoids. Toxics, 2022, 10, 158.	1.6	4
60	Behaviour of heavy metals in activated sludge biological treatment of landfill leachate. Waste Management and Research, 1995, 13, 103-121.	2.2	3
61	Diffusion of blackfly species (Diptera, Simuliidae) in Friuli Venezia Giulia (Italy). Italian Journal of Zoology, 2000, 67, 349-353.	0.6	2
62	Integration of biological responses from a suite of bioassays for the Venice Lagoon (Italy) through sediment toxicity index â€“ Part A: Development and comparison of two methodological approaches. Environmental Pollution, 2010, 158, 3655-3662.	3.7	1
63	Assessment of whole-sediment chronic toxicity using sub-lethal endpoints with Monocorophium insidiosum. Ecotoxicology, 2018, 27, 1237-1248.	1.1	1
64	7th Biannual ECOtoxicology MEeting (BECOME 2016) - Managing aquatic and terrestrial environments: An ecotoxicological perspective. Ecotoxicology and Environmental Safety, 2018, 156, 223-224.	2.9	1
65	Monitoring transitional waters using reduced benthic assemblages. Environment International, 2005, 31, 1089-1093.	4.8	0
66	6th Biannual ECOtoxicology MEeting (BECOME 2014)Ââ€“ Environmental emergencies: Ecotoxicology as a management tool. Ecotoxicology and Environmental Safety, 2016, 123, 1.	2.9	0