Natasha M Franklin

List of Publications by Year
in descending order

17 papers	2,705 citations	623188 14 h-index	940134 16 g-index
17 all docs	17 docs citations	17 times ranked	3638 citing authors

#	Article	IF	Citations
1	Comparative Toxicity of Nanoparticulate ZnO, Bulk ZnO, and ZnCl₂ to a Freshwater Microalga (Pseudokirchneriella subcapitata): The Importance of Particle Solubility. Environmental Science & Technology, 2007, 41, 8484-8490.	4.6	1,173
2	pH-dependent toxicity of copper and uranium to a tropical freshwater alga (Chlorella sp.). Aquatic Toxicology, 2000, 48, 275-289.	1.9	227
3	Toxicity of metal mixtures to a tropical freshwater alga (Chlorella sp.): The effect of interactions between copper, cadmium, and zinc on metal cell binding and uptake. Environmental Toxicology and Chemistry, 2002, 21, 2412-2422.	2.2	184
4	Physico-chemical behaviour and algal toxicity of nanoparticulate CeO2 in freshwater. Environmental Chemistry, 2010, 7, 50.	0.7	168
5	Development of flow cytometryâ€based algal bioassays for assessing toxicity of copper in natural waters. Environmental Toxicology and Chemistry, 2001, 20, 160-170.	2.2	163
6	Effect of initial cell density on the bioavailability and toxicity of copper in microalgal bioassays. Environmental Toxicology and Chemistry, 2002, 21, 742-751.	2.2	162
7	The Effect of pH on the Uptake and Toxicity of Copper and Zinc in a Tropical Freshwater Alga (Chlorella sp.). Archives of Environmental Contamination and Toxicology, 2006, 51, 174-185.	2.1	143
8	CALCIUM/CADMIUM INTERACTIONS AT UPTAKE SURFACES IN RAINBOW TROUT: WATERBORNE VERSUS DIETARY ROUTES OF EXPOSURE. Environmental Toxicology and Chemistry, 2005, 24, 2954.	2.2	111
9	Applications of flow cytometry to ecotoxicity testing using microalgae. Trends in Biotechnology, 2002, 20, 141-143.	4.9	97
10	Toward a Biotic Ligand Model for Freshwater Green Algae:Â Surface-Bound and Internal Copper Are Better Predictors of Toxicity than Free Cu2+-Ion Activity When pH Is Varied. Environmental Science & Technology, 2005, 39, 2067-2072.	4.6	88
11	DEVELOPMENT OF MULTISPECIES ALGAL BIOASSAYS USING FLOW CYTOMETRY. Environmental Toxicology and Chemistry, 2004, 23, 1452.	2.2	66
12	The Protective Role of Dietary Calcium Against Cadmium Uptake and Toxicity in Freshwater Fish: an Important Role for the Stomach. Environmental Chemistry, 2006, 3, 389.	0.7	38
13	Effect of initial cell density on the bioavailability and toxicity of copper in microalgal bioassays. Environmental Toxicology and Chemistry, 2002, 21, 742-51.	2.2	34
14	The importance of physical and chemical characterization in nanoparticle toxicity studies. Integrated Environmental Assessment and Management, 2007, 3, 303-304.	1.6	25
15	Interactions of waterborne and dietary cadmium on the expression of calcium transporters in the gills of rainbow trout: Influence of dietary calcium supplementation. Aquatic Toxicology, 2007, 84, 208-214.	1.9	16
16	Development of flow cytometry-based algal bioassays for assessing toxicity of copper in natural waters. , 2001, 20, 160.		6
17	TOXICITY OF METAL MIXTURES TO A TROPICAL FRESHWATER ALGA (CHLORELLA SP.): THE EFFECT OF INTERACTIONS BETWEEN COPPER, CADMIUM, AND ZINC ON METAL CELL BINDING AND UPTAKE. Environmental Toxicology and Chemistry, 2002, 21, 2412.	2.2	4