

Marie-Noëlle Croteau

List of Publications by Year in descending order

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papers

2,309
citations

236925

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39
all docs

39
docs citations

39
times ranked

2654
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials in the environment: Behavior, fate, bioavailability, and effects—An updated review. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2029-2063.	4.3	429
2	Trophic transfer of metals along freshwater food webs: Evidence of cadmium biomagnification in nature. <i>Limnology and Oceanography</i> , 2005, 50, 1511-1519.	3.1	211
3	Silver Bioaccumulation Dynamics in a Freshwater Invertebrate after Aqueous and Dietary Exposures to Nanosized and Ionic Ag. <i>Environmental Science & Technology</i> , 2011, 45, 6600-6607.	10.0	188
4	A novel approach reveals that zinc oxide nanoparticles are bioavailable and toxic after dietary exposures. <i>Nanotoxicology</i> , 2011, 5, 79-90.	3.0	106
5	Predicting Dietborne Metal Toxicity from Metal Influxes. <i>Environmental Science & Technology</i> , 2009, 43, 4915-4921.	10.0	100
6	Stable Metal Isotopes Reveal Copper Accumulation and Loss Dynamics in the Freshwater Bivalve <i>Corbicula</i> . <i>Environmental Science & Technology</i> , 2004, 38, 5002-5009.	10.0	96
7	Bioaccumulation and Toxicity of CuO Nanoparticles by a Freshwater Invertebrate after Waterborne and Dietborne Exposures. <i>Environmental Science & Technology</i> , 2014, 48, 10929-10937.	10.0	95
8	Isotopically Modified Nanoparticles for Enhanced Detection in Bioaccumulation Studies. <i>Environmental Science & Technology</i> , 2012, 46, 1216-1222.	10.0	94
9	Synthesis of isotopically modified ZnO nanoparticles and their potential as nanotoxicity tracers. <i>Environmental Pollution</i> , 2011, 159, 266-273.	7.5	68
10	Measurement and Modeling of Polychlorinated Biphenyl Bioaccumulation from Sediment for the Marine Polychaete <i>Neanthes arenaceodentata</i> and Response to Sorbent Amendment. <i>Environmental Science & Technology</i> , 2010, 44, 2857-2863.	10.0	66
11	Refining and Testing a Trace Metal Biomonitor (<i>Chaoborus</i>) in Highly Acidic Lakes. <i>Environmental Science & Technology</i> , 1998, 32, 1348-1353.	10.0	65
12	Determining metal assimilation efficiency in aquatic invertebrates using enriched stable metal isotope tracers. <i>Aquatic Toxicology</i> , 2007, 83, 116-125.	4.0	65
13	Bioaccumulation dynamics and exposure routes of Cd and Cu among species of aquatic mayflies. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2532-2541.	4.3	62
14	In vivo retention of ingested Au NPs by <i>Daphnia magna</i> : No evidence for trans-epithelial alimentary uptake. <i>Chemosphere</i> , 2014, 100, 97-104.	8.2	57
15	Characterizing Dissolved Cu and Cd Uptake in Terms of the Biotic Ligand and Biodynamics Using Enriched Stable Isotopes. <i>Environmental Science & Technology</i> , 2007, 41, 3140-3145.	10.0	53
16	A Biodynamic Understanding of Dietborne Metal Uptake by a Freshwater Invertebrate. <i>Environmental Science & Technology</i> , 2008, 42, 1801-1806.	10.0	53
17	DELINEATING COPPER ACCUMULATION PATHWAYS FOR THE FRESHWATER BIVALVE CORBICULA USING STABLE COPPER ISOTOPES. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2871.	4.3	51
18	Toxicity and accumulation of silver nanoparticles during development of the marine polychaete <i>Platynereis dumerilii</i> . <i>Science of the Total Environment</i> , 2014, 476-477, 688-695.	8.0	44

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19	Isotopically modified silver nanoparticles to assess nanosilver bioavailability and toxicity at environmentally relevant exposures. <i>Environmental Chemistry</i> , 2014, 11, 247.	1.5	40
20	Does water chemistry affect the dietary uptake and toxicity of silver nanoparticles by the freshwater snail <i>Lymnaea stagnalis</i> ?. <i>Environmental Pollution</i> , 2014, 189, 87-91.	7.5	39
21	Differences in Cd accumulation among species of the lake-dwelling biomonitor <i>Chaoborus</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2001, 58, 1737-1746.	1.4	37
22	Biodynamics of copper oxide nanoparticles and copper ions in an oligochaete – Part I: Relative importance of water and sediment as exposure routes. <i>Aquatic Toxicology</i> , 2015, 164, 81-91.	4.0	29
23	Novel and Nontraditional Use of Stable Isotope Tracers To Study Metal Bioavailability from Natural Particles. <i>Environmental Science & Technology</i> , 2013, 47, 3424-3431.	10.0	28
24	Bioavailability and Bioaccumulation of Metal-Based Engineered Nanomaterials in Aquatic Environments. <i>Frontiers of Nanoscience</i> , 2014, , 157-193.	0.6	27
25	Biogeochemical Controls of Uranium Bioavailability from the Dissolved Phase in Natural Freshwaters. <i>Environmental Science & Technology</i> , 2016, 50, 8120-8127.	10.0	27
26	Influence of temperature on Cd accumulation by species of the biomonitor <i>Chaoborus</i> . <i>Limnology and Oceanography</i> , 2002, 47, 505-514.	3.1	25
27	Biokinetics of different-shaped copper oxide nanoparticles in the freshwater gastropod, <i>Potamopyrgus antipodarum</i> . <i>Aquatic Toxicology</i> , 2015, 163, 71-80.	4.0	25
28	Effect of cysteine and humic acids on bioavailability of Ag from Ag nanoparticles to a freshwater snail. <i>NanoImpact</i> , 2016, 2, 61-69.	4.5	25
29	Dietary Bioavailability of Cu Adsorbed to Colloidal Hydrous Ferric Oxide. <i>Environmental Science & Technology</i> , 2013, 47, 2869-2876.	10.0	21
30	Influence of hardness on the bioavailability of silver to a freshwater snail after waterborne exposure to silver nitrate and silver nanoparticles. <i>Nanotoxicology</i> , 2015, 9, 918-927.	3.0	20
31	Biodynamics of copper oxide nanoparticles and copper ions in an oligochaete - Part II: Subcellular distribution following sediment exposure. <i>Aquatic Toxicology</i> , 2016, 180, 25-35.	4.0	17
32	Effect of Nanoparticle Size and Natural Organic Matter Composition on the Bioavailability of Polyvinylpyrrolidone-Coated Platinum Nanoparticles to a Model Freshwater Invertebrate. <i>Environmental Science & Technology</i> , 2021, 55, 2452-2461.	10.0	12
33	Assessing the Dietary Bioavailability of Metals Associated with Natural Particles: Extending the Use of the Reverse Labeling Approach to Zinc. <i>Environmental Science & Technology</i> , 2017, 51, 2803-2810.	10.0	9
34	Dietary Uptake of Cu Sorbed to Hydrous Iron Oxide is Linked to Cellular Toxicity and Feeding Inhibition in a Benthic Grazer. <i>Environmental Science & Technology</i> , 2016, 50, 1552-1560.	10.0	8
35	Three-layered silver nanoparticles to trace dissolution and association to a green alga. <i>Nanotoxicology</i> , 2019, 13, 1149-1160.	3.0	7
36	A biodynamic understanding of dietborne and waterborne Ag uptake from Ag NPs in the sediment-dwelling oligochaete, <i>Tubifex tubifex</i> . <i>NanoImpact</i> , 2018, 11, 33-41.	4.5	5

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37	Uranium Bioaccumulation Dynamics in the Mayfly <i>Neocloeon triangulifer</i> and Application to Site-Specific Prediction. <i>Environmental Science & Technology</i> , 2020, 54, 11313-11321.	10.0	3
38	Water Chemistry, Exposure Routes, and Metal Forms Determine the Bioaccumulation Dynamics of Silver (Ionic and Nanoparticulate) in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2021, , .	4.3	2