

Daniel J Cain

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,387
citations

331670

21
h-index

580821

25
g-index

49
all docs

49
docs citations

49
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquatic insect ecophysiological traits reveal phylogenetically based differences in dissolved cadmium susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8321-8326.	7.1	171
2	Aquatic Insects as Bioindicators of Trace Element Contamination in Cobble-Bottom Rivers and Streams. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 2141-2154.	1.4	154
3	LINKING METAL BIOACCLUMULATION OF AQUATIC INSECTS TO THEIR DISTRIBUTION PATTERNS IN A MINING-IMPACTED RIVER. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1463.	4.3	138
4	The effect of sample storage on the extraction of Cu, Zn, Fe, Mn and organic material from oxidized estuarine sediments. <i>Water, Air, and Soil Pollution</i> , 1980, 14, 215-233.	2.4	87
5	Comparison of sediments and organisms in identifying sources of biologically available trace metal contamination. <i>Water Research</i> , 1984, 18, 755-765.	11.3	86
6	Linkage of Bioaccumulation and Biological Effects to Changes in Pollutant Loads in South San Francisco Bay. <i>Environmental Science & Technology</i> , 2000, 34, 2401-2409.	10.0	85
7	Using Biodynamic Models to Reconcile Differences Between Laboratory Toxicity Tests and Field Biomonitoring with Aquatic Insects. <i>Environmental Science & Technology</i> , 2007, 41, 4821-4828.	10.0	84
8	Temporal fluctuations of silver, copper and zinc in the bivalve <i>Macoma balthica</i> at five stations in South San Francisco Bay. <i>Hydrobiologia</i> , 1985, 129, 109-120.	2.0	66
9	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
10	Calibrating biomonitors to ecological disturbance: a new technique for explaining metal effects in natural waters. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 199-209.	2.9	45
11	Metal exposure in a benthic macroinvertebrate, <i>Hydropsyche californica</i> , related to mine drainage in the Sacramento River. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 380-390.	1.4	44
12	Effect of Tributary Inflows on the Distribution of Trace Metals in Fine-Grained Bed Sediments and Benthic Insects of the Clark Fork River, Montana. <i>Environmental Science & Technology</i> , 1997, 31, 750-758.	10.0	42
13	Cadmium Ecophysiology in Seven Stonefly (Plecoptera) Species: Delineating Sources and Estimating Susceptibility. <i>Environmental Science & Technology</i> , 2007, 41, 7171-7177.	10.0	38
14	Title is missing!. <i>Hydrobiologia</i> , 1998, 386, 103-117.	2.0	36
15	INFLUENCE OF METAL EXPOSURE HISTORY ON THE BIOACCLUMULATION AND SUBCELLULAR DISTRIBUTION OF AQUEOUS CADMIUM IN THE INSECT HYDROPSYCHE CALIFORNICA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1042.	4.3	33
16	Copper and silver accumulation in transplanted and resident clams (<i>Macoma balthica</i>) in South San Francisco Bay. <i>Marine Environmental Research</i> , 1985, 15, 115-135.	2.5	32
17	Variable tolerance to Copper in two species from San Francisco bay. <i>Marine Environmental Research</i> , 1983, 10, 209-222.	2.5	31
18	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

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19	Biogeochemical Controls of Uranium Bioavailability from the Dissolved Phase in Natural Freshwaters. <i>Environmental Science & Technology</i> , 2016, 50, 8120-8127.	10.0	27
20	Cadmium biodynamics in the oligochaete <i>Lumbriculus variegatus</i> and its implications for trophic transfer. <i>Aquatic Toxicology</i> , 2008, 86, 265-271.	4.0	25
21	Dietary Bioavailability of Cu Adsorbed to Colloidal Hydrous Ferric Oxide. <i>Environmental Science & Technology</i> , 2013, 47, 2869-2876.	10.0	21
22	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
23	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
24	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
25	Mining Impacts on Fish in the Clark Fork River, Montana. , 2008, , 779-804.		1
26	Calibrating biomonitors to ecological disturbance: a new technique for explaining metal effects in natural waters. <i>Integrated Environmental Assessment and Management</i> , 2010, , n/a-n/a.	2.9	1