

Alain Boudou

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,425
citations

430874

18
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1543
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Comparative Effects of Direct Cadmium Contamination on Gene Expression in Gills, Liver, Skeletal Muscles and Brain of the Zebrafish (<i>Danio rerio</i>). <i>BioMetals</i> , 2006, 19, 225-235. | 4.1 | 200 |
| 2 | Bioaccumulation and metallothionein response in the asiatic clam (<i>Corbicula fluminea</i>) after experimental exposure to cadmium and inorganic mercury. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 2096-2105. | 4.3 | 96 |
| 3 | The key role of metallothioneins in the bivalve <i>Corbicula fluminea</i> during the depuration phase, after in situ exposure to Cd and Zn. <i>Aquatic Toxicology</i> , 2003, 63, 89-102. | 4.0 | 96 |
| 4 | Field transfer of periphytic diatom communities to assess short-term structural effects of metals (Cd,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 | 11.3 | 95 |
| 5 | Gold-Mining Activities and Mercury Contamination of Native Amerindian Communities in French Guiana: Key Role of Fish in Dietary Uptake. <i>Environmental Health Perspectives</i> , 2001, 109, 449-456. | 6.0 | 93 |
| 6 | Contamination by heavy metals (Cd, Zn, Cu, and Hg) of eight fish species in the Gironde estuary (France). <i>Estuaries and Coasts</i> , 2005, 28, 581-591. | 1.7 | 83 |
| 7 | Experimental toxicity and bioaccumulation of cadmium in freshwater periphytic diatoms in relation with biofilm maturity. <i>Science of the Total Environment</i> , 2010, 408, 552-562. | 8.0 | 81 |
| 8 | Dynamics of benthic diatom colonization in a cadmium/zinc-polluted river (Riou-Mort, France). <i>Fundamental and Applied Limnology</i> , 2007, 168, 179-187. | 0.7 | 80 |
| 9 | Seasonal effects of cadmium accumulation in periphytic diatom communities of freshwater biofilms. <i>Aquatic Toxicology</i> , 2008, 90, 19-28. | 4.0 | 80 |
| 10 | Field transplantation of the freshwater bivalve <i>Corbicula fluminea</i> along a polymetallic contamination gradient (river Lot, France): II. Metallothionein response to metal exposure. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2472-2477. | 4.3 | 69 |
| 11 | Goldmining and mercury contamination of the piscivorous fish <i>Hoplias aimara</i> in French Guiana (Amazon basin). <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 315-323. | 6.0 | 65 |
| 12 | Dynamics of diatom colonization process in some rivers influenced by urban pollution (Hanoi,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 | 6.3 | 64 |
| 13 | Metallothionein response to cadmium and zinc exposures compared in two freshwater bivalves, <i>Dreissena polymorpha</i> and <i>Corbicula fluminea</i> . <i>BioMetals</i> , 2006, 19, 399-407. | 4.1 | 56 |
| 14 | Field transplantation of the freshwater bivalve <i>Corbicula fluminea</i> along a polymetallic contamination gradient (river Lot, France): I. Geochemical characteristics of the sampling sites and cadmium and zinc bioaccumulation kinetics. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2462-2471. | 4.3 | 52 |
| 15 | Impact of Urban Pollution from the Hanoi Area on Benthic Diatom Communities Collected from the Red, Nhue and Tolich Rivers (Vietnam). <i>Hydrobiologia</i> , 2006, 563, 201-216. | 2.0 | 51 |
| 16 | How water oxygenation level influences cadmium accumulation pattern in the Asiatic clam <i>Corbicula fluminea</i> : A laboratory and field study. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2073-2080. | 4.3 | 48 |
| 17 | Speciation of Zn Associated with Diatoms Using X-ray Absorption Spectroscopy. <i>Environmental Science & Technology</i> , 2005, 39, 4490-4498. | 10.0 | 45 |
| 18 | FIELD TRANSPLANTATION OF THE FRESHWATER BIVALVE CORBICULA FLUMINEA ALONG A POLYMETALLIC CONTAMINATION GRADIENT (RIVER LOT, FRANCE):I. GEOCHEMICAL CHARACTERISTICS OF THE SAMPLING SITES ANDCADMIUM AND ZINC BIOACCUMULATION KINETICS. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2462. | 4.3 | 43 |

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|----|---|-----|-----------|
| 19 | The "Storm of the Century"™ (December 1999) and the accidental escape of Siberian sturgeons (Acipenser) Tj ETQq1 1 0.784314 2008, 15, 89-94. | 5.3 | 18 |
| 20 | Aquatic Ecotoxicology: From the Ecosystem to the Cellular and Molecular Levels. Environmental Health Perspectives, 1997, 105, 21. | 6.0 | 10 |