

Jussi V K Kukkonen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161
papers

4,975
citations

40
h-index

58
g-index

161
ext. papers

5,229
ext. citations

5.7
avg, IF

5.43
L-index

#	Paper	IF	Citations
161	Toxicity of Tire Rubber Microplastics to Freshwater Sediment Organisms.. <i>Archives of Environmental Contamination and Toxicology</i> , 2021 , 82, 180	3.2	0
160	Interacting effects of simulated eutrophication, temperature increase, and microplastic exposure on Daphnia. <i>Environmental Research</i> , 2021 , 192, 110304	7.9	8
159	Temperature determines the rate at which retene affects trout embryos, not the concentration that is toxic. <i>Aquatic Toxicology</i> , 2020 , 222, 105471	5.1	3
158	How to preserve and handle fish liver samples to conserve RNA integrity. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 17204-17213	5.1	1
157	Toxicity of silver nanoparticles to <i>Lumbriculus variegatus</i> is a function of dissolved silver and promoted by low sediment pH. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 1889-1897	3.8	8
156	Toxicity of biomining effluents to <i>Daphnia magna</i> : Acute toxicity and transcriptomic biomarkers. <i>Chemosphere</i> , 2018 , 210, 304-311	8.4	9
155	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 2281-2295	3.8	68
154	Partitioning of nanoparticle-originated dissolved silver in natural and artificial sediments. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2593-2601	3.8	4
153	Tolerance of whitefish (<i>Coregonus lavaretus</i>) early life stages to manganese sulfate is affected by the parents. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1343-1353	3.8	5
152	The Influence of Solar Power Plants on Microclimatic Conditions and the Biotic Community in Chilean Desert Environments. <i>Environmental Management</i> , 2017 , 60, 630-642	3.1	12
151	Optimization of photovoltaic solar power plant locations in northern Chile. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	16
150	Toxicity Testing of Silver Nanoparticles in Artificial and Natural Sediments Using the Benthic Organism <i>Lumbriculus variegatus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 71, 405-14	3.2	7
149	Effects of Activated Carbon on PCB Bioaccumulation and Biological Responses of <i>Chironomus riparius</i> in Full Life Cycle Test. <i>Environmental Science & Technology</i> , 2016 , 50, 5252-60	10.3	14
148	Fullerenes(nC60) affect the growth and development of the sediment-dwelling invertebrate <i>Chironomus riparius</i> larvae. <i>Environmental Pollution</i> , 2015 , 206, 17-23	9.3	22
147	Effects of activated carbon ageing in three PCB contaminated sediments: Sorption efficiency and secondary effects on <i>Lumbriculus variegatus</i> . <i>Water Research</i> , 2015 , 85, 413-21	12.5	23
146	Multixenobiotic resistance efflux activity in <i>Daphnia magna</i> and <i>Lumbriculus variegatus</i> . <i>Chemosphere</i> , 2015 , 124, 143-9	8.4	15
145	Distribution of fullerenes (nC60) between sediment and water in freshwaters. <i>Chemosphere</i> , 2014 , 108, 320-5	8.4	6

144	Trophic transfer of polychlorinated biphenyls (PCB) in a boreal lake ecosystem: testing of bioaccumulation models. <i>Science of the Total Environment</i> , 2014 , 466-467, 690-8	10.2	26
143	A screening study on the fate of fullerenes (nC60) and their toxic implications in natural freshwaters. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1224-32	3.8	45
142	Changes in <i>Lumbricus variegatus</i> metabolites under hypoxic exposure to benzo(a)pyrene, chlorpyrifos and pentachlorophenol: consequences on biotransformation. <i>Chemosphere</i> , 2013 , 93, 302-104	8.4	6
141	Bioconcentration of benzo[a]pyrene in <i>Chironomus riparius</i> and <i>Lumbricus variegatus</i> in relation to dissolved organic matter and biotransformation. <i>Aquatic Ecosystem Health and Management</i> , 2013 , 16, 70-77	1.4	4
140	Response of <i>Lumbricus variegatus</i> transcriptome and metabolites to model chemical contaminants. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013 , 157, 183-91	3.2	2
139	Aqueous uptake and sublethal toxicity of p,p'DDE in non-feeding larval stages of Antarctic krill (<i>Euphausia superba</i>). <i>Environmental Pollution</i> , 2012 , 160, 185-91	9.3	13
138	Responses of <i>Lumbricus variegatus</i> to activated carbon amendments in uncontaminated sediments. <i>Environmental Science & Technology</i> , 2012 , 46, 12895-903	10.3	29
137	Nitrogen and Carbon Dynamics and the Role of Enchytraeid Worms in Decomposition of L, F and H Layers of Boreal Mor. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 3701-3719	2.6	8
136	On the borderline of dissolved and particulate organic matter: partitioning and bioavailability of polycyclic aromatic hydrocarbons. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 78, 91-8	7	34
135	Assessing the impact of chemical pollution on benthic invertebrates from three different European rivers using a weight-of-evidence approach. <i>Science of the Total Environment</i> , 2012 , 438, 498-509	10.2	37
134	Toxicity of fullerene (C60) to sediment-dwelling invertebrate <i>Chironomus riparius</i> larvae. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2108-16	3.8	40
133	Bioavailability of Organic Contaminants in Freshwater Environments. <i>Handbook of Environmental Chemistry</i> , 2012 , 25-53	0.8	7
132	Toxicity assessment of sediments from three European river basins using a sediment contact test battery. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 123-31	7	70
131	Altered developmental timing in early life stages of Antarctic krill (<i>Euphausia superba</i>) exposed to p,p'DDE. <i>Science of the Total Environment</i> , 2011 , 409, 5268-76	10.2	8
130	Inhibition of pyrene biotransformation by piperonyl butoxide and identification of two pyrene derivatives in <i>Lumbricus variegatus</i> (<i>Oligochaeta</i>). <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1069-78	3.8	18
129	Photostability and toxicity of pentachlorophenol and phenanthrene. <i>Journal of Hazardous Materials</i> , 2011 , 189, 235-40	12.8	8
128	Predicting the bioavailability of sediment-associated spiked compounds by using the polyoxymethylene passive sampling and tenax extraction methods in sediments from three river basins in Europe. <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 59, 80-90	3.2	23
127	Sex, age, and tissue specific accumulation of eight metals, arsenic, and selenium in the European hedgehog (<i>Erinaceus europaeus</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 59, 642-51	3.2	30

126	Bioaccumulation of ivermectin from natural and artificial sediments in the benthic organism <i>Lumbriculus variegatus</i> . <i>Journal of Soils and Sediments</i> , 2010 , 10, 1611-1622	3.4	8
125	Analysis of fullerene-C60 and kinetic measurements for its accumulation and depuration in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1072-8	3.8	91
124	Influence of black carbon and chemical planarity on bioavailability of sediment-associated contaminants. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1976-83	3.8	23
123	Partitioning of tetra- and pentabromo diphenyl ether and benzo[a]pyrene among water and dissolved and particulate organic carbon along a salinity gradient in coastal waters. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2443-9	3.8	24
122	Dissolved organic matter modulating the uptake, biotransformation, and elimination rates of pyrene in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2783-91	3.8	14
121	The influence of summer seasonal extremes on dissolved organic carbon export from a boreal peatland catchment: evidence from one dry and one wet growing season. <i>Science of the Total Environment</i> , 2009 , 407, 1373-82	10.2	38
120	Sublethal toxicity and biotransformation of pyrene in <i>Lumbriculus variegatus</i> (Oligochaeta). <i>Science of the Total Environment</i> , 2009 , 407, 2666-72	10.2	28
119	DOC and N2O dynamics in upland and peatland forest soils after clear-cutting and soil preparation. <i>Biogeochemistry</i> , 2009 , 94, 217-231	3.8	28
118	Desorption and bioavailability of spiked pentabromo diphenyl ether and tetrachlorodibenzo(p)dioxin in contaminated sediments. <i>Archives of Environmental Contamination and Toxicology</i> , 2009 , 56, 670-9	3.2	7
117	Biological uptake and depuration of carbon nanotubes by <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2009 , 43, 2969-75	10.3	226
116	Effects of temperature and oxygen concentration in sediment toxicity testing. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 70, 475-82	7	14
115	Bioaccumulation of atrazine and chlorpyrifos to <i>Lumbriculus variegatus</i> from lake sediments. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 860-8	7	29
114	Desorption of sediment-associated polychlorinated dibenzo-p-dioxins, dibenzofurans, diphenyl ethers and hydroxydiphenyl ethers from contaminated sediment. <i>Chemosphere</i> , 2008 , 72, 1-7	8.4	21
113	Influence of sediment ingestion and exposure concentration on the bioavailable fraction of sediment-associated tetrachlorobiphenyl in oligochaetes. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 854-63	3.8	38
112	Hypoxia increases intensity of epidermal papillomatosis in roach <i>Rutilus rutilus</i> . <i>Diseases of Aquatic Organisms</i> , 2008 , 78, 235-41	1.7	6
111	Bioaccumulation and biotransformation of polycyclic aromatic hydrocarbons during sediment tests with oligochaetes (<i>Lumbriculus variegatus</i>). <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 2660-6	3.8	29
110	Characterizing sediment acid volatile sulfide concentrations in European streams. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 1-12	3.8	40
109	The responses of rainbow trout gills to high lithium and potassium concentrations in water. <i>Ecotoxicology and Environmental Safety</i> , 2007 , 68, 419-25	7	5

108	Bioaccumulation of paraquat by <i>Lumbriculus variegatus</i> in the presence of dissolved natural organic matter and impact on energy costs, biotransformation and antioxidative enzymes. <i>Chemosphere</i> , 2007 , 66, 558-66	8.4	30
107	Bioaccumulation, bioavailability and environmental fate of chlorophenol impurities, polychlorinated hydroxydiphenylethers and their methoxy analogues. <i>Chemosphere</i> , 2007 , 68, 1382-91	8.4	9
106	Effects of dietary genistein on mouse reproduction, postnatal development and weight-regulation. <i>Animal Reproduction Science</i> , 2006 , 93, 337-48	2.1	24
105	Bioaccumulation and toxicity of 4-nonylphenol (4-NP) and 4-(2-dodecyl)-benzene sulfonate (LAS) in <i>Lumbriculus variegatus</i> (Oligochaeta) and <i>Chironomus riparius</i> (Insecta). <i>Aquatic Toxicology</i> , 2006 , 77, 329-38	5.1	43
104	Evaluating the role of desorption in bioavailability of sediment-associated contaminants using oligochaetes, semipermeable membrane devices and Tenax extraction. <i>Environmental Pollution</i> , 2006 , 140, 150-63	9.3	48
103	Body residues as dose for sublethal responses in alevins of landlocked salmon (<i>Salmo salar</i> m. sebago): a direct calorimetry study. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1088-93	3.8	9
102	Environmental temperature changes uptake rate and bioconcentration factors of bisphenol a in tadpoles of <i>Rana temporaria</i> . <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 2804-8	3.8	22
101	Comparative sorption and desorption of benzo[a]pyrene and 3,4,3',4'-tetrachlorobiphenyl in natural lake water containing dissolved organic matter. <i>Environmental Science & Technology</i> , 2005 , 39, 7529-34	10.3	29
100	Dissolved organic matter in pore water of freshwater sediments: effects of separation procedure on quantity, quality and functionality. <i>Chemosphere</i> , 2005 , 60, 1608-15	8.4	23
99	Desorption kinetics of fluoranthene and trifluralin from Lake Huron and Lake Erie, USA, sediments. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 31-9	3.8	45
98	The contrasting roles of sedimentary plant-derived carbon and black carbon on sediment-spiked hydrophobic organic contaminant bioavailability to <i>Diporeia</i> species and <i>Lumbriculus variegatus</i> . <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 877-85	3.8	40
97	Phytoestrogens alter the reproductive organ development in the mink (<i>Mustela vison</i>). <i>Toxicology and Applied Pharmacology</i> , 2005 , 202, 132-9	4.6	12
96	Multigenerational exposure to phytosterols in the mouse. <i>Reproductive Toxicology</i> , 2005 , 19, 535-40	3.4	13
95	Effect of 3,4,3',4'-tetrachlorobiphenyl on the reworking behavior of <i>Lumbriculus variegatus</i> exposed to contaminated sediment. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 178-86	3.8	20
94	Comparing behavioral and chronic endpoints to evaluate the response of <i>Lumbriculus variegatus</i> to 3,4,3',4'-tetrachlorobiphenyl sediment exposures. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 187-94	3.8	15
93	The role of desorption for describing the bioavailability of select polycyclic aromatic hydrocarbon and polychlorinated biphenyl congeners for seven laboratory-spiked sediments. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1842-51	3.8	87
92	Toxicokinetics of sediment-associated polybrominated diphenylethers (flame retardants) in benthic invertebrates (<i>Lumbriculus variegatus</i> , <i>Oligochaeta</i>). <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 166-72	3.8	56
91	Physiological adaptations of the raccoon dog (<i>Nyctereutes procyonoides</i>) to seasonal fasting-fat and nitrogen metabolism and influence of continuous melatonin treatment. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2004 , 174, 1-12	2.2	26

90	Essential characteristics of natural dissolved organic matter affecting the sorption of hydrophobic organic contaminants. <i>Aquatic Sciences</i> , 2004 , 66, 171-177	2.5	59
89	Key site variables governing the functional characteristics of Dissolved Natural Organic Matter (DNOM) in Nordic forested catchments. <i>Aquatic Sciences</i> , 2004 , 66, 195-210	2.5	45
88	Continuous melatonin treatment and fasting in the raccoon dog (<i>Nyctereutes procyonoides</i>)--vernal body weight regulation and reproduction. <i>Zoological Science</i> , 2004 , 21, 163-72	0.8	12
87	Bisphenol A induces yolk-sac oedema and other adverse effects in landlocked salmon (<i>Salmo salar</i> m. sebago) yolk-sac fry. <i>Chemosphere</i> , 2004 , 55, 187-96	8.4	33
86	Postmetamorphic <i>Xenopus laevis</i> shows decreased plasma triiodothyronine concentrations and phosphorylase activity due to subacute phytosterol exposure. <i>Chemosphere</i> , 2004 , 57, 1683-9	8.4	8
85	Fate of wood extractives in wastewater treatment plants at kraft pulp mills and mechanical pulp mills. <i>Water Research</i> , 2004 , 38, 972-82	12.5	49
84	Pentachlorophenol (PCP) bioaccumulation and effect on heat production on salmon eggs at different stages of development. <i>Aquatic Toxicology</i> , 2004 , 68, 75-85	5.1	16
83	Toxic effects of mining effluents on fish gills in a subarctic lake system in NW Russia. <i>Ecotoxicology and Environmental Safety</i> , 2004 , 57, 278-89	7	39
82	Phytosterols affect endocrinology and metabolism of the field vole (<i>Microtus agrestis</i>). <i>Experimental Biology and Medicine</i> , 2003 , 228, 188-93	3.7	18
81	Similarities in bioaccumulation patterns of polychlorinated dibenzo-p-dioxins and furans and polychlorinated diphenyl ethers in laboratory-exposed oligochaetes and semipermeable membrane devices and in field-collected chironomids. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2405-15	3.8	17
80	Investigating the role of desorption on the bioavailability of sediment-associated 3,4,3',4'-tetrachlorobiphenyl in benthic invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2861-71	3.8	42
79	Toxicokinetics of organic contaminants in <i>Hyalella azteca</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 44, 467-75	3.2	33
78	Analysis of pesticides in water and sediment under different storage conditions using gas chromatography. <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 44, 437-44	3.2	36
77	Sublethal energetic responses by <i>Pisidium amnicum</i> (<i>Bivalvia</i>) exposed to pentachlorophenol at two temperatures. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 433-438	3.8	11
76	Measuring the bioavailability of two hydrophobic organic compounds in the presence of dissolved organic matter. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 518-524	3.8	92
75	Bioavailability of sediment-associated PCDD/Fs and PCDEs: relative importance of contaminant and sediment characteristics and biological factors. <i>Environmental Science & Technology</i> , 2003 , 37, 3926-34	10.3	51
74	Sediment characteristics affecting desorption kinetics of select PAH and PCB congeners for seven laboratory spiked sediments. <i>Environmental Science & Technology</i> , 2003 , 37, 4656-63	10.3	75
73	Toxicokinetics, toxicity and lethal body residues of two chlorophenols in the oligochaete worm, <i>Lumbriculus variegatus</i> , in different sediments. <i>Chemosphere</i> , 2003 , 51, 35-46	8.4	19

72	Removal of resin acids and sterols from pulp mill effluents by activated sludge treatment. <i>Water Research</i> , 2003 , 37, 2813-20	12.5	52
71	Bioaccumulation and toxicity of sediment associated herbicides (ioxynil, pendimethalin, and bentazone) in <i>Lumbricus variegatus</i> (Oligochaeta) and <i>Chironomus riparius</i> (Insecta). <i>Ecotoxicology and Environmental Safety</i> , 2003 , 56, 398-410	7	41
70	Biotransformation and bioconcentration of pyrene in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2003 , 64, 53-61	3.1	48
69	Detection, analysis and interactions of plasma ghrelin, leptin and growth hormone in the mink (<i>Mustela vison</i>). <i>Zoological Science</i> , 2003 , 20, 1127-32	0.8	4
68	Effects of phytosterols on the endocrinology and metabolism of the female raccoon dog (<i>Nyctereutes procyonoides</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003 , 66, 1475-88	3.2	7
67	Measuring the bioavailability of two hydrophobic organic compounds in the presence of dissolved organic matter 2003 , 22, 518		2
66	Multiple stress combined effects of natural and anthropogenic stress factors on organisms in boreal lakes. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2002 , 28, 958-961		
65	Organochlorine concentrations in the saimaa ringed seal (<i>Phoca hispida saimensis</i>) from Lake Haukivesi, Finland, 1981 to 2000, and in its diet today. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1368-1376	3.8	6
64	Bisphenol A accumulation in the freshwater clam <i>Pisidium amnicum</i> at low temperatures. <i>Archives of Environmental Contamination and Toxicology</i> , 2002 , 43, 50-5	3.2	37
63	Hydropsychid (Trichoptera, Hydropsychidae) gill abnormalities as morphological biomarkers of stream pollution. <i>Freshwater Biology</i> , 2002 , 47, 1297-1306	3.1	8
62	Bisphenol A affects endocrine physiology and biotransformation enzyme activities of the field vole (<i>Microtus agrestis</i>). <i>General and Comparative Endocrinology</i> , 2002 , 126, 183-9	3	28
61	Phytosterols act as endocrine and metabolic disruptors in the European polecat (<i>Mustela putorius</i>). <i>Toxicology and Applied Pharmacology</i> , 2002 , 178, 22-8	4.6	36
60	In vivo effects of bisphenol A on the polecat (<i>mustela putorius</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 933-45	3.2	21
59	Effects of bisphenol A and artificial UVB radiation on the early development of <i>Rana temporaria</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 947-59	3.2	23
58	Sediment-associated retene bioavailability of sediment-associated retene to an oligochaete worm <i>lumbricus variegatus</i> . <i>Journal of Soils and Sediments</i> , 2001 , 1, 137-145	3.4	9
57	Atrazine uptake, elimination, and bioconcentration by periphyton communities and <i>Daphnia magna</i> : Effects of dissolved organic carbon. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1003-1011	3.8	22
56	Impact of sediment manipulation on the bioaccumulation of polycyclic aromatic hydrocarbons from field-contaminated and laboratory-dosed sediments by an oligochaete. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1752-1761	3.8	35
55	Life-cycle effects of sediment-associated 2,4,5-trichlorophenol on two groups of the midge <i>Chironomus riparius</i> with different exposure histories. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1772-1777	3.8	15

54	Effects of water hardness and dissolved organic material on bioavailability of selected organic chemicals. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2303-2308	3.8	38
53	Temperature- and parasite-induced changes in toxicity and lethal body burdens of pentachlorophenol in the freshwater clam <i>Pisidium amnicum</i> . <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2778-2784	3.8	38
52	Effects of pulp mill effluents and restricted diet on growth and physiology of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Ecotoxicology and Environmental Safety</i> , 2001 , 49, 144-54	7	24
51	Impact of sediment manipulation on the bioaccumulation of polycyclic aromatic hydrocarbons from field-contaminated and laboratory-dosed sediments by an oligochaete 2001 , 20, 1752		2
50	Analysis of organochlorine compounds and extractable organic halogen in three subspecies of ringed seal from Northeast Europe. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 848-854	3.8	13
49	Metabolic response of <i>Lumbriculus variegatus</i> to respiratory uncoupler in cold and anoxic water. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 2073-2075	3.8	8
48	Toxicokinetics of 2,4,5-trichlorophenol and benzo(a)pyrene in the clam <i>Pisidium amnicum</i> : effects of seasonal temperatures and trematode parasites. <i>Archives of Environmental Contamination and Toxicology</i> , 2000 , 39, 352-9	3.2	29
47	Fate of sediment-associated pyrene and benzo. <i>Aquatic Toxicology</i> , 2000 , 49, 199-212	5.1	54
46	Effect of sediment-chemical contact time on availability of sediment-associated pyrene and benzo. <i>Aquatic Toxicology</i> , 2000 , 49, 227-241	5.1	51
45	Concentration of retene and resin acids in sedimenting particles collected from a bleached kraft mill effluent receiving lake. <i>Water Research</i> , 2000 , 34, 1604-1610	12.5	17
44	EOX and organochlorine compounds in fish and ringed seal samples from Lake Ladoga, Russia. <i>Chemosphere</i> , 2000 , 41, 1733-40	8.4	10
43	Effect of sediment type, feeding level, and larval density on growth and development of a midge (<i>Chironomus riparius</i>). <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 756-764	3.8	59
42	Measuring absorption efficiencies: Some additional considerations. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2403-2404	3.8	0
41	UV-B-Induced acute toxicity of pyrene to the waterflea <i>Daphnia magna</i> in natural freshwaters. <i>Ecotoxicology and Environmental Safety</i> , 1999 , 44, 271-9	7	31
40	THE EFFECTS OF PARASITES AND TEMPERATURE ON THE ACCUMULATION OF XENOBIOTICS IN A FRESHWATER CLAM 1999 , 9, 475-481		26
39	The effect of selenium and organic material in lake sediments on the bioaccumulation of methylmercury by <i>Lumbriculus variegatus</i> (oligochaeta). <i>Biogeochemistry</i> , 1998 , 40, 267-278	3.8	15
38	Factors affecting feeding rate, reproduction and growth of an oligochaete <i>Lumbriculus variegatus</i> (Müller). <i>Hydrobiologia</i> , 1998 , 377, 183-194	2.4	47
37	Chemical stress and metabolic rate in aquatic invertebrates: Threshold, dose-response relationships, and mode of toxic action. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 883-890	3.8	27

36	Combined effects of dissolved organic material and water hardness on toxicity of cadmium to <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 2498-2503	3.8	58
35	Effect of particle-xenobiotic contact time on bioavailability of sediment-associated benzo(a)pyrene to benthic amphipod, <i>Diporeia</i> spp. <i>Aquatic Toxicology</i> , 1998 , 42, 229-242	5.1	35
34	Relative Importance of Ingested Sediment and Pore Water as Bioaccumulation Routes for Pyrene to Oligochaete (<i>Lumbriculus variegatus</i> , Müller). <i>Environmental Science & Technology</i> , 1998 , 32, 1503-1508	10.3	111
33	. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 883	3.8	16
32	Determination of chlorinated phenolics in freshwater sediments. <i>Toxicological and Environmental Chemistry</i> , 1997 , 63, 199-214	1.4	8
31	Sediment characteristics influencing the bioavailability of nonpolar organic contaminants to <i>Diporeia</i> spp.. <i>Chemical Speciation and Bioavailability</i> , 1997 , 9, 43-55		19
30	Effects of hypoxia on valve-closure time and bioaccumulation of 2,4,5-trichlorophenol by the freshwater clam <i>Sphaerium corneum</i> [L]. <i>Ecotoxicology and Environmental Safety</i> , 1997 , 36, 49-56	7	17
29	Binding of organic pollutants to humic and fulvic acids: Influence of pH and the structure of humic material. <i>Chemosphere</i> , 1997 , 34, 1693-1704	8.4	182
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27	Metal concentrations in <i>Hydropsyche pellucidula</i> larvae (Trichoptera, Hydropsychidae) in relation to the anal papillae abnormalities and age of exocuticle. <i>Water Research</i> , 1996 , 30, 2265-2272	12.5	23
26	Distribution of organic carbon and organic xenobiotics among different particle-size fractions in sediments. <i>Chemosphere</i> , 1996 , 32, 1063-1076	8.4	58
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24	Characterization of Lake Ladoga sediments. II. Toxic chemicals. <i>Chemosphere</i> , 1996 , 32, 1179-1192	8.4	18
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21	Effects of sediment-bound polydimethylsiloxane on the bioavailability and distribution of benzo[a]pyrene in lake sediment to <i>Lumbriculus variegatus</i> . <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 523-531	3.8	36
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17	. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 523	3.8	18
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14	Toxicokinetics and toxicity of sediment-associated pyrene and phenanthrene in <i>Diporeia</i> spp.: Examination of equilibrium-partitioning theory and residue-based effects for assessing hazard. <i>Environmental Toxicology and Chemistry</i> , 1994 , 13, 1769-1780	3.8	73
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