

Jussi V K Kukkonen

List of Publications by Year in descending order

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161
papers

5,747
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61977

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161
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161
times ranked

4700
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Uptake and Depuration of Carbon Nanotubes by <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2009, 43, 2969-2975.	10.0	244
2	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.	8.2	216
3	Bioavailability of organic pollutants in boreal waters with varying levels of dissolved organic material. <i>Water Research</i> , 1991, 25, 455-463.	11.3	131
4	Relative Importance of Ingested Sediment and Pore Water as Bioaccumulation Routes for Pyrene to <i>Oligochaete</i> (<i>Lumbriculus variegatus</i> , Müller). <i>Environmental Science & Technology</i> , 1998, 32, 1503-1508.	10.0	123
5	Toxicokinetics and toxicity of sediment-associated pyrene to <i>lumbriculus variegatus</i> (<i>oligochaeta</i>). <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 1457-1468.	4.3	121
6	Effects of XAD-8 fractions of dissolved organic carbon on the sorption and bioavailability of organic micropollutants. <i>Archives of Environmental Contamination and Toxicology</i> , 1990, 19, 551-557.	4.1	115
7	Analysis of fullerene ⁶⁰ and kinetic measurements for its accumulation and depuration in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1072-1078.	4.3	102
8	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.	4.3	101
9	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2281-2295.	4.3	98
10	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.	4.3	91
11	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.	4.3	79
12	Sediment Characteristics Affecting Desorption Kinetics of Select PAH and PCB Congeners for Seven Laboratory Spiked Sediments. <i>Environmental Science & Technology</i> , 2003, 37, 4656-4663.	10.0	79
13	Feeding selectivity and assimilation of PAH and PCB in <i>Diporeia</i> spp.. <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 1445-1455.	4.3	78
14	Measuring assimilation efficiencies for sediment-bound PAH and PCB congeners by benthic organisms. <i>Aquatic Toxicology</i> , 1995, 32, 75-92.	4.0	76
15	Toxicity assessment of sediments from three European river basins using a sediment contact test battery. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 123-131.	6.0	75
16	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.	4.3	70
17	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.	4.3	69
18	Distribution of organic carbon and organic xenobiotics among different particle-size fractions in sediments. <i>Chemosphere</i> , 1996, 32, 1063-1076.	8.2	68

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19	Biomarker responses along a pollution gradient: Effects of pulp and paper mill effluents on caged whitefish. <i>Aquatic Toxicology</i> , 1995, 31, 329-345.	4.0	66
20	Essential characteristics of natural dissolved organic matter affecting the sorption of hydrophobic organic contaminants. <i>Aquatic Sciences</i> , 2004, 66, 171-177.	1.5	66
21	TOXICOKINETICS OF SEDIMENT-ASSOCIATED POLYBROMINATED DIPHENYLETERS (FLAME RETARDANTS) IN BENTHIC INVERTEBRATES (LUMBRICULUS VARIEGATUS, OLIGOCHAETA). <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 166.	4.3	62
22	Fate of sediment-associated pyrene and benzo[a]pyrene in the freshwater oligochaete <i>Lumbriculus variegatus</i> (Müller). <i>Aquatic Toxicology</i> , 2000, 49, 199-212.	4.0	60
23	Biotransformation and bioconcentration of pyrene in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2003, 64, 53-61.	4.0	60
24	Effects of humus concentrations on benzo[a]pyrene accumulation from water to <i>Daphnia magna</i> : Comparison of natural waters and standard preparations. <i>Science of the Total Environment</i> , 1989, 79, 197-207.	8.0	59
25	Title is missing!. <i>Hydrobiologia</i> , 1998, 377, 183-194.	2.0	59
26	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, 3926-3934.	10.0	58
27	Removal of resin acids and sterols from pulp mill effluents by activated sludge treatment. <i>Water Research</i> , 2003, 37, 2813-2820.	11.3	58
28	Effect of sediment-chemical contact time on availability of sediment-associated pyrene and benzo[a]pyrene to oligochaete worms and semi-permeable membrane devices. <i>Aquatic Toxicology</i> , 2000, 49, 227-241.	4.0	57
29	Acute toxicity of chemicals to <i>Daphnia magna</i> in humic waters. <i>Science of the Total Environment</i> , 1992, 117-118, 367-377.	8.0	55
30	Fate of wood extractives in wastewater treatment plants at kraft pulp mills and mechanical pulp mills. <i>Water Research</i> , 2004, 38, 972-982.	11.3	55
31	Toxic effects of mining effluents on fish gills in a subarctic lake system in NW Russia. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 278-289.	6.0	54
32	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, 150-163.	7.5	53
33	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.	1.5	49
34	DESORPTION KINETICS OF FLUORANTHENE AND TRIFLURALIN FROM LAKE HURON AND LAKE ERIE, USA, SEDIMENTS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 31.	4.3	49
35	Binding of organic xenobiotics to dissolved organic macromolecules: comparison of analytical methods. <i>Science of the Total Environment</i> , 1994, 152, 19-29.	8.0	48
36	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, 329-338.	4.0	48

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37	A screening study on the fate of fullerenes (nC ₆₀) and their toxic implications in natural freshwaters. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1224-1232.	4.3	48
38	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.	4.3	47
39	Effects of aquatic humus on accumulation and acute toxicity of some organic micropollutants. <i>Science of the Total Environment</i> , 1987, 62, 399-402.	8.0	46
40	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.	4.3	45
41	Bioaccumulation and toxicity of sediment associated herbicides (ioxynil, pendimethalin, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 and <i>Environmental Safety</i> , 2003, 56, 398-410.	6.0	45
42	CHARACTERIZING SEDIMENT ACID VOLATILE SULFIDE CONCENTRATIONS IN EUROPEAN STREAMS. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1.	4.3	45
43	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, 1373-1382.	8.0	44
44	Toxicity of fullerene (C ₆₀) to sediment-dwelling invertebrate <i>Chironomus riparius</i> larvae. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2108-2116.	4.3	44
45	The Kinetics of Cadmium in <i>Daphnia magna</i> as Affected by Humic Substances and Water Hardness. <i>Ecotoxicology and Environmental Safety</i> , 1995, 30, 72-76.	6.0	43
46	Bisphenol A Accumulation in the Freshwater Clam <i>Pisidium amnicum</i> at Low Temperatures. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 43, 50-55.	4.1	43
47	Toxicokinetics of Organic Contaminants in <i>Hyalomma azteca</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 467-475.	4.1	43
48	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, 854-863.	4.3	43
49	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.	8.0	43
50	Analysis of Pesticides in Water and Sediment Under Different Storage Conditions Using Gas Chromatography. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 437-444.	4.1	42
51	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, 877-885.	4.3	42
52	Phytosterols Act as Endocrine and Metabolic Disruptors in the European Polecat (<i>Mustela putorius</i>). <i>Toxicology and Applied Pharmacology</i> , 2002, 178, 22-28.	2.8	41
53	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.	4.3	40
54	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.	4.0	40

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55	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, 271-279.	6.0	40
56	Effects of water hardness and dissolved organic material on bioavailability of selected organic chemicals. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2303-2308.	4.3	40
57	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.	4.3	39
58	Bisphenol A induces yolk-sac oedema and other adverse effects in landlocked salmon (<i>Salmo salar</i> m.)	8.2	39
59	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, 558-566.	8.2	39
60	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, 642-651.	4.1	38
61	On the borderline of dissolved and particulate organic matter: Partitioning and bioavailability of polycyclic aromatic hydrocarbons. <i>Ecotoxicology and Environmental Safety</i> , 2012, 78, 91-98.	6.0	37
62	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, 352-359.	4.1	36
63	Bioaccumulation of atrazine and chlorpyrifos to <i>Lumbriculus variegatus</i> from lake sediments. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 860-868.	6.0	35
64	Preliminary study to compare body residues and sublethal energetic responses in benthic invertebrates exposed to sediment-bound 2,4,5-trichlorophenol. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 160-166.	4.3	34
65	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.	4.3	33
66	Sublethal toxicity and biotransformation of pyrene in <i>Lumbriculus variegatus</i> (<i>Oligochaeta</i>). <i>Science of the Total Environment</i> , 2009, 407, 2666-2672.	8.0	33
67	DOC and N ₂ O dynamics in upland and peatland forest soils after clear-cutting and soil preparation. <i>Biogeochemistry</i> , 2009, 94, 217-231.	3.5	33
68	Responses of <i>Lumbriculus variegatus</i> to Activated Carbon Amendments in Uncontaminated Sediments. <i>Environmental Science & Technology</i> , 2012, 46, 12895-12903.	10.0	33
69	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, 413-421.	11.3	32
70	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, 183-189.	1.8	31
71	Dissolved organic matter in pore water of freshwater sediments: Effects of separation procedure on quantity, quality and functionality. <i>Chemosphere</i> , 2005, 60, 1608-1615.	8.2	31
72	THE EFFECTS OF PARASITES AND TEMPERATURE ON THE ACCUMULATION OF XENOBIOTICS IN A FRESHWATER CLAM., 1999, 9, 475-481.		30

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73	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, 7529-7534.	10.0	30
74	Effects of dietary genistein on mouse reproduction, postnatal development and weight-regulation. <i>Animal Reproduction Science</i> , 2006, 93, 337-348.	1.5	30
75	Effects of lignin and chlorolignin in pulp mill effluents on the binding and bioavailability of hydrophobic organic pollutants. <i>Water Research</i> , 1992, 26, 1523-1532.	11.3	29
76	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.	4.3	29
77	Optimization of photovoltaic solar power plant locations in northern Chile. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	29
78	Subchronic metabolic effects and toxicity of a simulated pulp mill effluent on juvenile lake trout, <i>Salmo trutta m. lacustris</i> . <i>Ecotoxicology and Environmental Safety</i> , 1988, 16, 202-218.	6.0	28
79	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.	11.3	28
80	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, 144-154.	6.0	28
81	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.	4.3	28
82	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.	1.5	28
83	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, 690-698.	8.0	27
84	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.	7.5	27
85	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, 947-959.	2.3	25
86	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.	4.3	25
87	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.	4.1	25
88	Influence of black carbon and chemical planarity on bioavailability of sediment-associated contaminants. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1976-1983.	4.3	25
89	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, 2443-2449.	4.3	25
90	Sediment characteristics influencing the bioavailability of nonpolar organic contaminants to <i>Diporeia</i> spp.. <i>Chemical Speciation and Bioavailability</i> , 1997, 9, 43-55.	2.0	24

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91	IN VIVO EFFECTS OF BISPHENOL A ON THE POLECAT (MUSTELA PUTORIUS). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2002, 65, 933-945.	2.3	24
92	Interacting effects of simulated eutrophication, temperature increase, and microplastic exposure on Daphnia. Environmental Research, 2021, 192, 110304.	7.5	24
93	Toxicokinetics, toxicity and lethal body residues of two chlorophenols in the oligochaete worm, Lumbriculus variegatus, in different sediments. Chemosphere, 2003, 51, 35-46.	8.2	23
94	Desorption of sediment-associated polychlorinated dibenzo-p-dioxins, dibenzofurans, diphenyl ethers and hydroxydiphenyl ethers from contaminated sediment. Chemosphere, 2008, 72, 1-7.	8.2	22
95	The Influence of Solar Power Plants on Microclimatic Conditions and the Biotic Community in Chilean Desert Environments. Environmental Management, 2017, 60, 630-642.	2.7	22
96	Concentration of retene and resin acids in sedimenting particles collected from a bleached kraft mill effluent receiving lake. Water Research, 2000, 34, 1604-1610.	11.3	21
97	EFFECT OF 3,4,3,4-TETRACHLOROBIPHENYL ON THE REWORKING BEHAVIOR OF LUMBRICULUS VARIEGATUS EXPOSED TO CONTAMINATED SEDIMENT. Environmental Toxicology and Chemistry, 2004, 23, 178.	4.3	21
98	Pentachlorophenol (PCP) bioaccumulation and effect on heat production on salmon eggs at different stages of development. Aquatic Toxicology, 2004, 68, 75-85.	4.0	21
99	Chlorophenolic and isotopic tracers of pulp mill effluent in sedimenting particles collected from southern lake saimaa, Finland. Science of the Total Environment, 1996, 188, 15-27.	8.0	20
100	Effects of Hypoxia on Valve-Closure Time and Bioaccumulation of 2,4,5-Trichlorophenol by the Freshwater Clam Sphaerium corneum[L.]. Ecotoxicology and Environmental Safety, 1997, 36, 49-56.	6.0	20
101	Phytosterols Affect Endocrinology and Metabolism of the Field Vole (Microtus agrestis). Experimental Biology and Medicine, 2003, 228, 188-193.	2.4	20
102	Characterization of Lake Ladoga sediments. I. Toxicity to Chironomus riparius and Daphnia magna. Chemosphere, 1996, 32, 1165-1178.	8.2	19
103	Characterization of Lake Ladoga sediments. II. Toxic chemicals. Chemosphere, 1996, 32, 1179-1192.	8.2	19
104	Multixenobiotic resistance efflux activity in Daphnia magna and Lumbriculus variegatus. Chemosphere, 2015, 124, 143-149.	8.2	19
105	Effects of Activated Carbon on PCB Bioaccumulation and Biological Responses of <i>Chironomus riparius</i> in Full Life Cycle Test. Environmental Science & Technology, 2016, 50, 5252-5260.	10.0	19
106	EFFECTS OF SEDIMENT-BOUND POLYDIMETHYLSILOXANE ON THE BIOAVAILABILITY AND DISTRIBUTION OF BENZO[a]PYRENE IN LAKE SEDIMENT TO LUMBRICULUS VARIEGATUS. Environmental Toxicology and Chemistry, 1995, 14, 523.	4.3	19
107	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. Environmental Toxicology and Chemistry, 2003, 22, 2405.	4.3	18
108	Inhibition of pyrene biotransformation by piperonyl butoxide and identification of two pyrene derivatives in <i>Lumbriculus variegatus</i> (Oligochaeta). Environmental Toxicology and Chemistry, 2011, 30, 1069-1078.	4.3	18

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109	Title is missing!. Biogeochemistry, 1998, 40, 267-278.	3.5	17
110	COMPARING BEHAVIORAL AND CHRONIC ENDPOINTS TO EVALUATE THE RESPONSE OF LUMBRICULUS VARIEGATUS TO 3,4,3,4-TETRACHLOROBIPHENYL SEDIMENT EXPOSURES. Environmental Toxicology and Chemistry, 2004, 23, 187.	4.3	17
111	Effects of temperature and oxygen concentration in sediment toxicity testing. Ecotoxicology and Environmental Safety, 2008, 70, 475-482.	6.0	17
112	Bleached kraft pulp mill discharged organic matter in recipient lake sediment. Environmental Science and Pollution Research, 1997, 4, 194-202.	5.3	16
113	Life-cycle effects of sediment-associated 2,4,5-trichlorophenol on two groups of the midge <i>Chironomus riparius</i> with different exposure histories. Environmental Toxicology and Chemistry, 2001, 20, 1772-1777.	4.3	16
114	Multigenerational exposure to phytosterols in the mouse. Reproductive Toxicology, 2005, 19, 535-540.	2.9	16
115	Dissolved organic matter modulating the uptake, biotransformation, and elimination rates of pyrene in <i>Daphnia magna</i> . Environmental Toxicology and Chemistry, 2010, 29, 2783-2791.	4.3	16
116	FEEDING SELECTIVITY AND ASSIMILATION OF PAH AND PCB IN DIPOREIA spp.. Environmental Toxicology and Chemistry, 1994, 13, 1445.	4.3	16
117	CHEMICAL STRESS AND METABOLIC RATE IN AQUATIC INVERTEBRATES: THRESHOLD, DOSE-RESPONSE RELATIONSHIPS, AND MODE OF TOXIC ACTION. Environmental Toxicology and Chemistry, 1998, 17, 883.	4.3	16
118	Influence of natural aquatic humic substances on the bioavailability of benzo(a)pyrene to Atlantic Salmon. Science of the Total Environment, 1989, 81-82, 691-702.	8.0	15
119	Analysis of organochlorine compounds and extractable organic halogen in three subspecies of ringed seal from Northeast Europe. Environmental Toxicology and Chemistry, 2000, 19, 848-854.	4.3	15
120	EOX and organochlorine compounds in fish and ringed seal samples from Lake Ladoga, Russia. Chemosphere, 2000, 41, 1733-1740.	8.2	15
121	Toxicity of biomining effluents to <i>Daphnia magna</i> : Acute toxicity and transcriptomic biomarkers. Chemosphere, 2018, 210, 304-311.	8.2	15
122	Effects of pH and natural humic substances on the accumulation of organic pollutants in two freshwater invertebrates. , 1991, , 413-422.		14
123	Aqueous uptake and sublethal toxicity of p,p'-DDE in non-feeding larval stages of Antarctic krill (<i>Euphausia superba</i>). Environmental Pollution, 2012, 160, 185-191.	7.5	14
124	Continuous Melatonin Treatment and Fasting in the Raccoon Dog (<i>Nyctereutes procyonoides</i>) - Vernal Body Weight Regulation and Reproduction. Zoological Science, 2004, 21, 163-172.	0.7	13
125	Toxicity of Tire Rubber Microplastics to Freshwater Sediment Organisms. Archives of Environmental Contamination and Toxicology, 2022, 82, 180-190.	4.1	13
126	Sulphate conjugation is the main route of pentachlorophenol metabolism in <i>Daphnia magna</i> . Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1988, 91, 465-468.	0.2	12

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127	Sublethal energetic responses by <i>Pisidium amnicum</i> (Bivalvia) exposed to pentachlorophenol at two temperatures. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 433-438.	4.3	12
128	Phytoestrogens alter the reproductive organ development in the mink (<i>Mustela vison</i>). <i>Toxicology and Applied Pharmacology</i> , 2005, 202, 132-139.	2.8	12
129	BODY RESIDUES AS DOSE FOR SUBLETHAL RESPONSES IN ALEVINS OF LANDLOCKED SALMON (<i>SALMO SALAR</i>) Tj ETQq1 1 0,784314	4.3	12
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