

# Hisato Iwata

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

194  
papers

6,678  
citations

42  
h-index

75  
g-index

201  
ext. papers

7,186  
ext. citations

6.2  
avg. IF

5.29  
L-index

#	Paper	IF	Citations
194	Assessment of binding potencies of polychlorinated biphenyls and polybrominated diphenyl ethers with Baikal seal and mouse constitutive androstane receptors: Comparisons across species and congeners. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150631	10.2	
193	Effects of exposure to oxytetracycline on the liver proteome of red seabream ( <i>Pagrus major</i> ) in a real administration scenario.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2022</b> , 109325	3.2	
192	Effects of gestational exposure to bisphenol A on the hepatic transcriptome and lipidome of rat dams: Intergenerational comparison of effects in the offspring.. <i>Science of the Total Environment</i> , <b>2022</b> , 826, 153990	10.2	1
191	Effects of 1,3,7-tribromodibenzo-p-dioxin, a natural dioxin on chicken embryos: Comparison with effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 237, 113538	7	3
190	2,3,7,8-Tetrachlorodibenzo-p-dioxin prompted differentiation to CD4CD8CD25 and CD4CD8CD25 Tregs and altered expression of immune-related genes in the thymus of chicken embryos. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 211, 111947	7	2
189	Directly Reprogrammed Neurons as a Tool to Assess Neurotoxicity of the Contaminant 4-Hydroxy-2',3,5,5'-tetrachlorobiphenyl (4'OH-CB72) in Melon-Headed Whales. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 8159-8168	10.3	2
188	Interspecies differences in cytochrome P450-mediated metabolism of neonicotinoids among cats, dogs, rats, and humans. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 239, 108898	3.2	3
187	Effects of tris(2-chloroethyl) phosphate exposure on chicken embryos in a shell-less incubation system. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 207, 111263	7	2
186	Effects on the liver lipidome of rat offspring prenatally exposed to bisphenol A. <i>Science of the Total Environment</i> , <b>2021</b> , 759, 143466	10.2	3
185	Prediction of adverse effects of effluents containing phenolic compounds in the Ba River on the ovary of fish ( <i>Hemiculter leucisculus</i> ) using transcriptomic and metabolomic analyses. <i>Science of the Total Environment</i> , <b>2021</b> , 801, 149554	10.2	2
184	The AHR1-ARNT1 dimerization pair is a major regulator of the response to natural ligands, but not to TCDD, in the chicken. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 201, 110835	7	2
183	Effects of prenatal bisphenol A exposure on the hepatic transcriptome and proteome in rat offspring. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137568	10.2	10
182	De novo transcriptomic analysis predicts the effects of phenolic compounds in Ba River on the liver of female sharpbelly ( <i>Hemiculter lucidus</i> ). <i>Environmental Pollution</i> , <b>2020</b> , 264, 114642	9.3	2
181	Cytotoxicity and Risk Assessments of Environmental Pollutants Using Fibroblasts of a Stranded Finless Porpoise ( <i>C. japonicus</i> ). <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 6832-6841	10.3	3
180	Assessment of Risks of Dioxins for Aryl Hydrocarbon Receptor-Mediated Effects in Polar Bear ( <i>U. maritimus</i> ) by in Vitro and in Silico Approaches. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 1770-1781	10.3	3
179	Effects on the Liver Transcriptome in Baltic Salmon: Contributions of Contamination with Organohalogen Compounds and Origin of Salmon. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15246-15256	10.3	2
178	Mother to Fetus Transfer of Hydroxylated Polychlorinated Biphenyl Congeners (OH-PCBs) in the Japanese Macaque ( <i>M. mulatta</i> ): Extrapolation of Exposure Scenarios to Humans. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11386-11395	10.3	3

177	Tetracycline Resistance Gene Profiles in Red Seabream () Intestine and Rearing Water After Oxytetracycline Administration. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1764	5.7	4
176	In vitro assessment of effects of persistent organic pollutants on the transactivation of estrogen receptor [and [ER]and ER]] from the Baikal seal (Pusa sibirica). <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 181, 463-471	7	2
175	In vitro and in silico AHR assays for assessing the risk of heavy oil-derived polycyclic aromatic hydrocarbons in fish. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 181, 214-223	7	8
174	Targeted metabolome analysis of the dog brain exposed to PCBs suggests inhibition of oxidative phosphorylation by hydroxylated PCBs. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 377, 114620	4.6	7
173	Effects of PCB exposure on serum thyroid hormone levels in dogs and cats. <i>Science of the Total Environment</i> , <b>2019</b> , 688, 1172-1183	10.2	11
172	Hazard assessment of chemicals in avian embryos by using "OMICS" approaches: What are the challenges?. <i>Integrated Environmental Assessment and Management</i> , <b>2019</b> , 15, 482-484	2.5	
171	The aryl hydrocarbon receptor 2 potentially mediates cytochrome P450 1A induction in the jungle crow (Corvus macrorhynchos). <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 171, 99-111	7	2
170	In Vitro and In Silico Evaluations of Binding Affinities of Perfluoroalkyl Substances to Baikal Seal and Human Peroxisome Proliferator-Activated Receptor [Environmental Science & Technology, <b>2019</b> , 53, 2181-2188	10.3	11
169	Effects of prenatal exposure to triclosan on the liver transcriptome in chicken embryos. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 347, 23-32	4.6	16
168	Accumulation properties of polychlorinated biphenyl congeners in Yusho patients and prediction of their cytochrome P450-dependent metabolism by in silico analysis. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16455-16463	5.1	2
167	In ovo exposure to triclosan alters the hepatic proteome in chicken embryos. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 165, 495-504	7	8
166	In Vitro Assessment of Activation of Baikal Seal ( Pusa sibirica) Peroxisome Proliferator-Activated Receptor [by Polybrominated Diphenyl Ethers. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11831-11837 <sup>10.3</sup>	10.3	2
165	Effects of 4-Hydroxy-2,3,3',4',5-Pentachlorobiphenyl (4-OH-CB107) on Liver Transcriptome in Rats: Implication in the Disruption of Circadian Rhythm and Fatty Acid Metabolism. <i>Toxicological Sciences</i> , <b>2018</b> , 165, 118-130	4.4	6
164	Effects on the hepatic transcriptome of chicken embryos in ovo exposed to phenobarbital. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 160, 94-103	7	4
163	Alterations in urinary metabolomic profiles due to lead exposure from a lead-acid battery recycling site. <i>Environmental Pollution</i> , <b>2018</b> , 242, 98-105	9.3	17
162	Auto-induction mechanism of aryl hydrocarbon receptor 2 (AHR2) gene by TCDD-activated AHR1 and AHR2 in the red seabream (Pagrus major). <i>Archives of Toxicology</i> , <b>2017</b> , 91, 301-312	5.8	4
161	Risk assessment of triclosan in the global environment using a probabilistic approach. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 143, 111-119	7	24
160	Differences in protein expression among five species of stream stonefly (Plecoptera) along a latitudinal gradient in Japan. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2017</b> , 96, e21422	2.3	6

159	Relationship between Avian AHR1 Genotype and Ecological Factors as a Dioxin-sensitive Factor. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , <b>2017</b> , 22, 57-61	0.1	
158	Polybrominated diphenyl ethers (PBDEs) and their hydroxylated and methoxylated analogues in the blood of harbor, Dall's and finless porpoises from the Japanese coastal waters. <i>Marine Environmental Research</i> , <b>2017</b> , 128, 124-132	3.3	12
157	Strain differences in the proteome of dioxin-sensitive and dioxin-resistant mice treated with 2,3,7,8-tetrabromodibenzo-p-dioxin. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1763-1782	5.8	3
156	Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis. <i>Aquatic Toxicology</i> , <b>2016</b> , 177, 156-70	5.1	8
155	Association of XRCC1 polymorphisms with arsenic methylation. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 1009-1258	5.8	1
154	Organohalogen Compounds in Pet Dog and Cat: Do Pets Biotransform Natural Brominated Products in Food to Harmful Hydroxylated Substances?. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 444-52	10.3	34
153	Ecological factors drive natural selection pressure of avian aryl hydrocarbon receptor 1 genotypes. <i>Scientific Reports</i> , <b>2016</b> , 6, 27526	4.9	8
152	In vitro and in silico evaluation of transactivation potencies of avian AHR1 and AHR2 by endogenous ligands: Implications for the physiological role of avian AHR2. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 187, 1-9	3.2	10
151	Novel role of hnRNP-A2/B1 in modulating aryl hydrocarbon receptor ligand sensitivity. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 2027-38	5.8	7
150	In silico analysis of the interaction of avian aryl hydrocarbon receptors and dioxins to decipher isoform-, ligand-, and species-specific activations. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 3795-804	10.3	18
149	Enzymatic characterization of in vitro-expressed Baikal seal cytochrome P450 (CYP) 1A1, 1A2, and 1B1: implication of low metabolic potential of CYP1A2 uniquely evolved in aquatic mammals. <i>Aquatic Toxicology</i> , <b>2015</b> , 162, 138-151	5.1	5
148	Organohalogen and their hydroxylated metabolites in the blood of pigs from an open waste dumping site in south India: association with hepatic cytochrome P450. <i>Environmental Research</i> , <b>2015</b> , 138, 255-63	7.9	12
147	In Vitro and in Silico Analyses for Predicting Hepatic Cytochrome P450-Dependent Metabolic Potencies of Polychlorinated Biphenyls in the Baikal Seal. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 14588-96	10.3	8
146	Haptoglobin genotyping of Vietnamese: global distribution of HP del, complete deletion allele of the HP gene. <i>Legal Medicine</i> , <b>2015</b> , 17, 14-6	1.9	8
145	Blood levels of polychlorinated biphenyls and their hydroxylated metabolites in Baikal seals ( <i>Pusa sibirica</i> ): emphasis on interspecies comparison, gender difference and association with blood thyroid hormone levels. <i>Chemosphere</i> , <b>2014</b> , 114, 1-8	8.4	16
144	Effects of persistent organochlorine exposure on the liver transcriptome of the common minke whale ( <i>Balaenoptera acutorostrata</i> ) from the North Pacific. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 108, 95-105	7	4
143	Toxicological assessment of polychlorinated biphenyls and their metabolites in the liver of Baikal seal ( <i>Pusa sibirica</i> ). <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 13530-9	10.3	20
142	Transient suppression of AHR activity in early red seabream embryos does not prevent the disruption of peripheral nerve projection by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Aquatic Toxicology</i> , <b>2014</b> , 154, 39-47	5.1	2

141	Sex differences in the accumulation of chlorinated dioxins in the cormorant ( <i>Phalacrocorax carbo</i> ): implication of hepatic sequestration in the maternal transfer. <i>Environmental Pollution</i> , <b>2013</b> , 178, 300-5	9.3	10
140	Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system of developing red seabream ( <i>Pagrus major</i> ). <i>Aquatic Toxicology</i> , <b>2013</b> , 128-129, 193-202	5.1	12
139	Toxicokinetics of dioxins and other organochlorine compounds in Japanese people: association with hepatic CYP1A2 expression levels. <i>Environment International</i> , <b>2013</b> , 53, 53-61	12.9	15
138	Alternative in vitro approach for assessing AHR-mediated CYP1A induction by dioxins in wild cormorant ( <i>Phalacrocorax carbo</i> ) population. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6656-63	10.3	12
137	Molecular evaluation of a new highly sensitive aryl hydrocarbon receptor in ostriches. <i>Poultry Science</i> , <b>2013</b> , 92, 1921-9	3.9	3
136	Potencies of red seabream AHR1- and AHR2-mediated transactivation by dioxins: implication of both AHRs in dioxin toxicity. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2877-85	10.3	23
135	Molecular and functional characterization of a novel aryl hydrocarbon receptor isoform, AHR1 $\beta$ in the chicken ( <i>Gallus gallus</i> ). <i>Toxicological Sciences</i> , <b>2013</b> , 136, 450-66	4.4	18
134	Quantitative analysis of the interaction of constitutive androstane receptor with chemicals and steroid receptor coactivator 1 using surface plasmon resonance biosensor systems: a case study of the Baikal seal ( <i>Pusa sibirica</i> ) and the mouse. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 116-27	4.4	4
133	Accumulation of dioxins and induction of cytochrome P450 1A4/1A5 enzyme activities in common cormorants from Lake Biwa, Japan: temporal trends and validation of national regulation on dioxins emission. <i>Environmental Pollution</i> , <b>2012</b> , 168, 131-7	9.3	9
132	Genetic variation of FUT2 in a Vietnamese population: identification of two novel Se enzyme-inactivating mutations. <i>Transfusion</i> , <b>2012</b> , 52, 1268-75	2.9	14
131	Molecular evidence predicts aryl hydrocarbon receptor ligand insensitivity in the peregrine falcon ( <i>Falco peregrines</i> ). <i>European Journal of Wildlife Research</i> , <b>2012</b> , 58, 167-175	2	3
130	In vitro transactivation potencies of black-footed albatross ( <i>Phoebastria nigripes</i> ) AHR1 and AHR2 by dioxins to predict CYP1A expression in the wild population. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 525-33	10.3	19
129	Differential display system with vertebrate-common degenerate oligonucleotide primers: uncovering genes responsive to dioxin in avian embryonic liver. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 27-33	10.3	3
128	Individual variations in arsenic metabolism in Vietnamese: the association with arsenic exposure and GSTP1 genetic polymorphism. <i>Metallomics</i> , <b>2012</b> , 4, 91-100	4.5	29
127	Integrative assessment of potential effects of dioxins and related compounds in wild Baikal seals ( <i>Pusa sibirica</i> ): application of microarray and biochemical analyses. <i>Aquatic Toxicology</i> , <b>2011</b> , 105, 89-99	5.1	13
126	Polymorphic trial in oxidative damage of arsenic exposed Vietnamese. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 256, 174-8	4.6	13
125	Accumulation of trace elements in harp seals ( <i>Phoca groenlandica</i> ) from Pangnirtung in the Baffin Island, Canada. <i>Marine Pollution Bulletin</i> , <b>2011</b> , 63, 489-99	6.7	13
124	Accumulation features of trace elements in mass-stranded harbor seals ( <i>Phoca vitulina</i> ) in the North Sea coast in 2002: the body distribution and association with growth and nutrition status. <i>Marine Pollution Bulletin</i> , <b>2011</b> , 62, 963-75	6.7	18

123	Analysis of thyroid hormones in serum of Baikal seals and humans by liquid chromatography-tandem mass spectrometry (LC-MS/MS) and immunoassay methods: application of the LC-MS/MS method to wildlife tissues. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 10140-7	10.3	32
122	8-Hydroxy-2'-deoxyguanosine and arsenic compounds in urine and serum of a 4-year-old child suffering from acute promyelocytic leukemia during treatment with arsenic trioxide. <i>Forensic Toxicology</i> , <b>2011</b> , 29, 65-68	2.6	5
121	Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken ( <i>Gallus gallus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 153, 269-79	3.2	7
120	Cytochrome P450 CYP2 genes in the common cormorant: Evolutionary relationships with 130 diapsid CYP2 clan sequences and chemical effects on their expression. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 153, 280-9	3.2	25
119	Transactivation potencies of the Baikal seal ( <i>Pusa sibirica</i> ) peroxisome proliferator-activated receptor $\beta$ by perfluoroalkyl carboxylates and sulfonates: estimation of PFOA induction equivalency factors. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 3123-30	10.3	16
118	Evaluation of relative potencies for in vitro transactivation of the baikal seal aryl hydrocarbon receptor by dioxin-like compounds. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 1652-8	10.3	19
117	Molecular and functional characterization of Aryl hydrocarbon receptor repressor from the chicken ( <i>Gallus gallus</i> ): interspecies similarities and differences. <i>Toxicological Sciences</i> , <b>2011</b> , 119, 319-34	4.4	11
116	Individual variations in inorganic arsenic metabolism associated with AS3MT genetic polymorphisms. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 2351-82	6.3	77
115	Intake and excretion of arsenicals in green ( <i>Chelonia mydas</i> ) and hawksbill turtles ( <i>Eretmochelys imbricata</i> ). <i>Environmental Chemistry</i> , <b>2011</b> , 8, 19	3.2	2
114	Exposure, metabolism, and health effects of arsenic in residents from arsenic-contaminated groundwater areas of Vietnam and Cambodia: a review. <i>Reviews on Environmental Health</i> , <b>2010</b> , 25, 193-220	3.8	29
113	Hepatic CYP1A induction by chlorinated dioxins and related compounds in the endangered black-footed albatross from the North Pacific. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 3559-65	10.3	12
112	A microarray data analysis method to evaluate the impact of contaminants on wild animals. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 5824-7	10.2	
111	Genetic polymorphisms in glutathione S-transferase (GST) superfamily and arsenic metabolism in residents of the Red River Delta, Vietnam. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 242, 352-62	4.6	60
110	Dioxin-like and perfluorinated compounds in pigs in an Indian open waste dumping site: toxicokinetics and effects on hepatic cytochrome P450 and blood plasma hormones. <i>Environmental Toxicology and Chemistry</i> , <b>2010</b> , 29, 1551-60	3.8	23
109	Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants ( <i>Phalacrocorax carbo</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 152, 224-31	3.2	5
108	Human exposure to arsenic from groundwater in the Red River and Mekong River Deltas in Vietnam. <i>International Journal of Environmental Studies</i> , <b>2009</b> , 66, 49-57	1.8	9
107	Dioxin activation of CYP1A5 promoter/enhancer regions from two avian species, common cormorant ( <i>Phalacrocorax carbo</i> ) and chicken ( <i>Gallus gallus</i> ): association with aryl hydrocarbon receptor 1 and 2 isoforms. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 234, 1-13	4.6	45
106	Genetic polymorphisms in AS3MT and arsenic metabolism in residents of the Red River Delta, Vietnam. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 236, 131-41	4.6	53

105	8-Hydroxy-2'-deoxyguanosine (8-OHdG) as a possible marker of arsenic poisoning: a clinical case study on the relationship between concentrations of 8-OHdG and each arsenic compound in urine of an acute promyelocytic leukemia patient being treated with arsenic trioxide. <i>Forensic Toxicology</i> , <b>2009</b> , 27, 41-44	2.6	5
104	Alkoxyresorufin (methoxy-, ethoxy-, pentoxy- and benzyloxyresorufin) O-dealkylase activities by in vitro-expressed cytochrome P450 1A4 and 1A5 from common cormorant ( <i>Phalacrocorax carbo</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 544-51	3.2	6
103	Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and perfluorooctane sulfonate or perfluorooctanoic acid on expression of cytochrome P450 isoforms in chicken ( <i>Gallus gallus</i> ) embryo hepatocyte cultures. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 605-12	3.2	17
102	Transactivation potencies of Baikal seal constitutive active/androstane receptor by persistent organic pollutants and brominated flame retardants. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6391-7	10.3	13
101	Relationship of urinary arsenic metabolites to intake estimates in residents of the Red River Delta, Vietnam. <i>Environmental Pollution</i> , <b>2009</b> , 157, 396-403	9.3	50
100	Accumulation features and temporal trends of PCDDs, PCDFs and PCBs in Baikal seals ( <i>Pusa sibirica</i> ). <i>Environmental Pollution</i> , <b>2009</b> , 157, 737-47	9.3	34
99	Arsenic species and their accumulation features in green turtles ( <i>Chelonia mydas</i> ). <i>Marine Pollution Bulletin</i> , <b>2008</b> , 57, 782-9	6.7	19
98	Interelement relationships and age-related variation of trace element concentrations in liver of striped dolphins ( <i>Stenella coeruleoalba</i> ) from Japanese coastal waters. <i>Marine Pollution Bulletin</i> , <b>2008</b> , 57, 807-15	6.7	44
97	Toxicogenomic analysis of immune system-related genes in Japanese flounder ( <i>Paralichthys olivaceus</i> ) exposed to heavy oil. <i>Marine Pollution Bulletin</i> , <b>2008</b> , 57, 445-52	6.7	58
96	Persistent organic pollutants in Vietnam: environmental contamination and human exposure. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2008</b> , 193, 213-90	3.5	13
95	Catalytic function of avian cytochrome P450 1A4 and 1A5 (CYP1A4 and CYP1A5) enzymes heterologously expressed using in vitro yeast system. <i>Marine Environmental Research</i> , <b>2008</b> , 66, 154-5	3.3	5
94	Specific accumulation of arsenic compounds in green turtles ( <i>Chelonia mydas</i> ) and hawksbill turtles ( <i>Eretmochelys imbricata</i> ) from Ishigaki Island, Japan. <i>Environmental Pollution</i> , <b>2008</b> , 153, 127-36	9.3	26
93	Functional analysis of avian metallothionein isoforms: an ecotoxicological approach for assessing potential tolerability to element exposure. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 9391-6	10.3	4
92	Contamination and effects of perfluorochemicals in Baikal seal ( <i>Pusa sibirica</i> ). 2. Molecular characterization, expression level, and transcriptional activation of peroxisome proliferator-activated receptor alpha. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 2302-8	10.3	39
91	Contamination and effects of perfluorochemicals in Baikal seal ( <i>Pusa sibirica</i> ). 1. Residue level, tissue distribution, and temporal trend. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 2295-301	10.3	61
90	Potential effects of perfluorinated compounds in common cormorants from Lake Biwa, Japan: an implication from the hepatic gene expression profiles by microarray. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 2378-86	3.8	27
89	Accumulation of organotin compounds and marine birnavirus detection in Korean ascidians. <i>Fisheries Science</i> , <b>2007</b> , 73, 263-269	1.9	18
88	Persistent organic pollutants in sediments from Sai Gon-Dong Nai River basin, Vietnam: levels and temporal trends. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2007</b> , 52, 458-65	3.2	53

87	Molecular characterization of cytochrome P450 1A1, 1A2, and 1B1, and effects of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners on their hepatic expression in Baikal seal ( <i>Pusa sibirica</i> ). <i>Toxicological Sciences</i> , <b>2007</b> , 97, 318-35	4.4	32
86	Functional characterization and evolutionary history of two aryl hydrocarbon receptor isoforms (AhR1 and AhR2) from avian species. <i>Toxicological Sciences</i> , <b>2007</b> , 99, 101-17	4.4	63
85	Chemical contamination in aquatic ecosystems. <i>Yakugaku Zasshi</i> , <b>2007</b> , 127, 417-28	0	7
84	Effects of lead, molybdenum, rubidium, arsenic and organochlorines on spermatogenesis in fish: monitoring at Mekong Delta area and in vitro experiment. <i>Aquatic Toxicology</i> , <b>2007</b> , 83, 43-51	5.1	59
83	Exposure assessment for trace elements from consumption of marine fish in Southeast Asia. <i>Environmental Pollution</i> , <b>2007</b> , 145, 766-77	9.3	120
82	Identification and hepatic expression profiles of cytochrome P450 1-4 isozymes in common minke whales ( <i>Balaenoptera acutorostrata</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2007</b> , 147, 667-81	2.3	8
81	Molecular characterization of two metallothionein isoforms in avian species: evolutionary history, tissue distribution profile, and expression associated with metal accumulation. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2007</b> , 145, 295-305	3.2	12
80	Molecular characterization and tissue distribution of aryl hydrocarbon receptor nuclear translocator isoforms, ARNT1 and ARNT2, and identification of novel splice variants in common cormorant ( <i>Phalacrocorax carbo</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2007</b> , 145, 379-88	3.2	12
79	Pollution sources and occurrences of selected persistent organic pollutants (POPs) in sediments of the Mekong River delta, South Vietnam. <i>Chemosphere</i> , <b>2007</b> , 67, 1794-801	8.4	77
78	Mercury in hair and blood from residents of Phnom Penh (Cambodia) and possible effect on serum hormone levels. <i>Chemosphere</i> , <b>2007</b> , 68, 590-6	8.4	37
77	Occurrence of tributyltin (TBT)-resistant bacteria is not related to TBT pollution in Mekong River and coastal sediment: with a hypothesis of selective pressure from suspended solid. <i>Chemosphere</i> , <b>2007</b> , 68, 1459-64	8.4	8
76	Chapter 11 Persistent Organic Pollutants in Vietnam: Levels, Patterns, Trends, and Human Health Implications. <i>Developments in Environmental Science</i> , <b>2007</b> , 515-555		5
75	Human blood monitoring program in Japan: contamination and bioaccumulation of persistent organochlorines in Japanese residents. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2006</b> , 51, 296-313	3.2	21
74	Contamination by persistent organic pollutants in dumping sites of Asian developing countries: implication of emerging pollution sources. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2006</b> , 50, 474-81	3.2	85
73	Cytochrome P450 1A4 and 1A5 in common cormorant ( <i>Phalacrocorax carbo</i> ): evolutionary relationships and functional implications associated with dioxin and related compounds. <i>Toxicological Sciences</i> , <b>2006</b> , 92, 394-408	4.4	41
72	Constitutive androstane receptor (CAR) as a potential sensing biomarker of persistent organic pollutants (POPs) in aquatic mammal: molecular characterization, expression level, and ligand profiling in Baikal seal ( <i>Pusa sibirica</i> ). <i>Toxicological Sciences</i> , <b>2006</b> , 94, 57-70	4.4	31
71	Gene expression profiling in common cormorant liver with an oligo array: assessing the potential toxic effects of environmental contaminants. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 1076-83	10.3	24
70	Urinary 8-hydroxy-2'-deoxyguanosine in inhabitants chronically exposed to arsenic in groundwater in Cambodia. <i>Journal of Environmental Monitoring</i> , <b>2006</b> , 8, 293-9		41

69	Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in developing red seabream ( <i>Pagrus major</i> ) embryo: an association of morphological deformities with AHR1, AHR2 and CYP1A expressions. <i>Aquatic Toxicology</i> , <b>2006</b> , 80, 166-79	5.1	74
68	Specific accumulation of organochlorines in human breast milk from Indonesia: levels, distribution, accumulation kinetics and infant health risk. <i>Environmental Pollution</i> , <b>2006</b> , 139, 107-17	9.3	96
67	Contamination by arsenic and other trace elements in tube-well water and its risk assessment to humans in Hanoi, Vietnam. <i>Environmental Pollution</i> , <b>2006</b> , 139, 95-106	9.3	152
66	PCDDs, PCDFs, and coplanar PCBs in wild terrestrial mammals from Japan: congener specific accumulation and hepatic sequestration. <i>Environmental Pollution</i> , <b>2006</b> , 140, 525-35	9.3	30
65	Congener-specific toxicokinetics of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and coplanar polychlorinated biphenyls in black-eared kites ( <i>Milvus migrans</i> ): cytochrome P4501A-dependent hepatic sequestration. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 1007-16	3.8	17
64	Contamination by polybrominated diphenyl ethers and persistent organochlorines in catfish and feed from Mekong River Delta, Vietnam. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 2700-8	3.8	50
63	Hepatic CYP1A induction by dioxin-like compounds, and congener-specific metabolism and sequestration in wild common cormorants from Lake Biwa, Japan. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 3611-9	10.3	40
62	Bioaccumulation of organochlorines in crows from an indian open waste dumping site: evidence for direct transfer of dioxin-like congeners from the contaminated soil. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 4421-30	10.3	41
61	Molecular characterization of the aryl hydrocarbon receptors (AHR1 and AHR2) from red seabream ( <i>Pagrus major</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2005</b> , 141, 177-87	3.2	23
60	Aryl hydrocarbon receptor (AHR) and AHR nuclear translocator (ARNT) expression in Baikal seal ( <i>Pusa sibirica</i> ) and association with 2,3,7,8-TCDD toxic equivalents and CYP1 expression levels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2005</b> , 141, 281-91	3.2	16
59	Mercury contamination in human hair and fish from Cambodia: levels, specific accumulation and risk assessment. <i>Environmental Pollution</i> , <b>2005</b> , 134, 79-86	9.3	91
58	Organotin residues and the role of anthropogenic tin sources in the coastal marine environment of Indonesia. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 50, 226-35	6.7	18
57	Concentrations of trace elements in marine fish and its risk assessment in Malaysia. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 51, 896-911	6.7	111
56	Molecular cloning and mRNA expression of cytochrome P4501A1 and 1A2 in the liver of common minke whales ( <i>Balaenoptera acutorostrata</i> ). <i>Marine Pollution Bulletin</i> , <b>2005</b> , 51, 784-93	6.7	9
55	Thyroid lesions and dioxin accumulation in the livers of jungle crows ( <i>Corvus macrorhynchos</i> ) in urban and suburban Tokyo. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2005</b> , 48, 424-32	3.2	7
54	Induction of cytochrome P450 1A5 mRNA, protein and enzymatic activities by dioxin-like compounds, and congener-specific metabolism and sequestration in the liver of wild jungle crow ( <i>Corvus macrorhynchos</i> ) from Tokyo, Japan. <i>Toxicological Sciences</i> , <b>2005</b> , 88, 384-99	4.4	33
53	On-site Remediation of Soil Contaminated by Dioxins with an Indirect Heating Process. <i>Journal of Environmental Chemistry</i> , <b>2005</b> , 15, 311-320	0.3	2
52	Contamination by persistent organochlorines in cetaceans incidentally caught along Brazilian coastal waters. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2004</b> , 46, 124-34	3.2	39

51	Dioxins and related compounds in human breast milk collected around open dumping sites in Asian developing countries: bovine milk as a potential source. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2004</b> , 47, 414-26	3.2	43
50	Toxicokinetics of PCDD, PCDF, and coplanar PCB congeners in Baikal seals, <i>Pusa sibirica</i> : age-related accumulation, maternal transfer, and hepatic sequestration. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 3505-13	10.3	66
49	Levels and toxicokinetic behaviors of PCDD, PCDF, and coplanar PCB congeners in common cormorants from Lake Biwa, Japan. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 3853-9	10.3	47
48	Persistent organochlorine residues in human breast milk from Hanoi and Hochiminh City, Vietnam: contamination, accumulation kinetics and risk assessment for infants. <i>Environmental Pollution</i> , <b>2004</b> , 129, 431-41	9.3	144
47	Contamination of butyltin compounds in Malaysian marine environments. <i>Environmental Pollution</i> , <b>2004</b> , 130, 347-58	9.3	66
46	Identification of constitutive androstane receptor cDNA in northern fur seal ( <i>Callorhinus ursinus</i> ). <i>Marine Environmental Research</i> , <b>2004</b> , 58, 107-11	3.3	6
45	Identification of aryl hydrocarbon receptor 2 in aquatic birds; cDNA cloning of AHR1 and AHR2 and characteristics of their amino acid sequences. <i>Marine Environmental Research</i> , <b>2004</b> , 58, 113-8	3.3	32
44	Searching for novel CYP members using cDNA library from a minke whale liver. <i>Marine Environmental Research</i> , <b>2004</b> , 58, 495-8	3.3	4
43	Accumulation of persistent organochlorines in resident white-breasted waterhens ( <i>Amaurornis phoenicurus</i> ) from Cambodia. <i>Marine Pollution Bulletin</i> , <b>2003</b> , 46, 1341-8	6.7	33
42	Organochlorine and butyltin residues in deep-sea organisms collected from the western North Pacific, off-Tohoku, Japan. <i>Marine Pollution Bulletin</i> , <b>2002</b> , 45, 348-61	6.7	33
41	Specific accumulation of persistent organochlorines in bluefin tuna collected from Japanese coastal waters. <i>Marine Pollution Bulletin</i> , <b>2002</b> , 45, 254-61	6.7	38
40	Hepatic microsomal cytochrome P450s and chlorinated hydrocarbons in largha and ribbon seals from Hokkaido, Japan: Differential response of seal species to ah receptor agonist exposure. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 794-806	3.8	21
39	Accumulation patterns of polychlorinated biphenyl congeners and organochlorine pesticides in Steller's sea eagles and white-tailed sea eagles, threatened species, in Hokkaido, Japan. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 842-847	3.8	7
38	Species-specific responses of constitutively active receptor (CAR)-CYP2B coupling: lack of CYP2B inducer-responsive nuclear translocation of CAR in marine teleost, scup ( <i>Stenotomus chrysops</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2002</b> , 131, 501-10	3.2	12
37	cDNA cloning of an aryl hydrocarbon receptor from Baikal seals ( <i>Phoca sibirica</i> ). <i>Marine Environmental Research</i> , <b>2002</b> , 54, 285-9	3.3	12
36	Accumulation patterns of polychlorinated biphenyl congeners and organochlorine pesticides in Steller's sea eagles and white-tailed sea eagles, threatened species, in Hokkaido, Japan. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 842-7	3.8	
35	Negative correlation between plasma thyroid hormone levels and chlorinated hydrocarbon levels accumulated in seals from the coast of Hokkaido, Japan. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 1092-1097	3.8	32
34	P450 in wild animals as a biomarker of environmental impact. <i>Biomarkers</i> , <b>2001</b> , 6, 19-25	2.6	17

33	Inhibitory effects of endogenous dopaminergic neurotoxin, norsalsolinol on dopamine secretion in PC12 rat pheochromocytoma cells. <i>Neurochemistry International</i> , <b>2001</b> , 38, 567-72	4.4	5
32	Negative correlation between plasma thyroid hormone levels and chlorinated hydrocarbon levels accumulated in seals from the coast of Hokkaido, Japan <b>2001</b> , 20, 1092		2
31	In situ RT-PCR detection of CYP1A mRNA in pharyngeal epithelium and chondroid cells from chemically untreated fish: involvement in vertebrate craniofacial skeletal development?. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 271, 130-7	3.4	10
30	Identification of novel cytochrome P450 1A genes from five marine mammal species. <i>Aquatic Toxicology</i> , <b>2000</b> , 51, 145-53	5.1	39
29	Preliminary survey of lead poisoning of Steller's sea eagle ( <i>Haliaeetus pelagicus</i> ) and white-tailed sea eagle ( <i>Haliaeetus albicilla</i> ) in Hokkaido, Japan. <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 448-451	3.8	12
28	. <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 448	3.8	23
27	Accumulation of halogenated aromatic hydrocarbons and activities of cytochrome P450 and glutathione s-transferase in CRABS ( <i>Eriocheir japonicus</i> ) from Japanese Rivers. <i>Environmental Toxicology and Chemistry</i> , <b>1998</b> , 17, 1490-1498	3.8	16
26	Organochlorine pesticides and polychlorinated biphenyl congeners in wild terrestrial mammals and birds from Chubu region, Japan: interspecies comparison of the residue levels and compositions. <i>Chemosphere</i> , <b>1998</b> , 36, 3211-21	8.4	58
25	Enantioselective Accumulation of $\beta$ -Hexachlorocyclohexane in Northern Fur Seals and Double-Crested Cormorants: Effects of Biological and Ecological Factors in the Higher Trophic Levels. <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 2244-2249	10.3	21
24	Response to Comment on Butyltin Contamination in Marine Mammals from North Pacific and Asian Coastal Waters <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 2355-2355	10.3	
23	Butyltin Contamination in Marine Mammals from North Pacific and Asian Coastal Waters. <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 193-198	10.3	129
22	Molecular basis of the Dark Agouti rat drug oxidation polymorphism: importance of CYP2D1 and CYP2D2. <i>Pharmacogenetics and Genomics</i> , <b>1998</b> , 8, 73-82		35
21	Regio- and stereoselectivity in propranolol metabolism by dog liver microsomes and the expressed dog CYP2D15. <i>Journal of Biochemistry</i> , <b>1998</b> , 123, 747-51	3.1	6
20	Expression and characterization of dog CYP2D15 using baculovirus expression system. <i>Journal of Biochemistry</i> , <b>1998</b> , 123, 162-8	3.1	7
19	Isozyme selective alterations of the expression of cytochrome P450 during regeneration of male rat liver following partial hepatectomy. <i>Xenobiotica</i> , <b>1997</b> , 27, 923-31	2	12
18	Butyltin accumulation in the liver and kidney of seabirds. <i>Marine Environmental Research</i> , <b>1997</b> , 44, 191-199	3.9	26
17	Bioaccumulation of Butyltin Compounds in Marine Mammals: The Specific Tissue Distribution and Composition. <i>Applied Organometallic Chemistry</i> , <b>1997</b> , 11, 257-264	3.1	42
16	Enantiomeric ratios of $\beta$ -hexachlorocyclohexane in blubber of small cetaceans. <i>Marine Pollution Bulletin</i> , <b>1996</b> , 32, 27-31	6.7	44

15	Specific accumulation and distribution of butyltin compounds in various organs and tissues of the Steller sea lion ( <i>Eumetopias jubatus</i> ): Comparison with organochlorine accumulation pattern. <i>Marine Pollution Bulletin</i> , <b>1996</b> , 32, 558-563	6.7	49
14	Distribution, biomagnification, and elimination of butyltin compound residues in common cormorants ( <i>Phalacrocorax carbo</i> ) from Lake Biwa, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , <b>1996</b> , 31, 210-7	3.2	44
13	Concentrations of heavy metals, organochlorines, and organotins in horseshoe crab, <i>Tachypleus tridentatus</i> , from Japanese coastal waters. <i>Archives of Environmental Contamination and Toxicology</i> , <b>1995</b> , 28, 40-47	3.2	50
12	High accumulation of toxic butyltins in marine mammals from Japanese coastal waters. <i>Environmental Science &amp; Technology</i> , <b>1995</b> , 29, 2959-62	10.3	101
11	Persistent organochlorine residues in air, water, sediments, and soils from the lake baikal region, Russia. <i>Environmental Science &amp; Technology</i> , <b>1995</b> , 29, 792-801	10.3	217
10	Butyltins in muscle and liver of fish collected from certain Asian and Oceanian countries. <i>Environmental Pollution</i> , <b>1995</b> , 90, 279-90	9.3	181
9	Geographical distribution of persistent organochlorines in air, water and sediments from Asia and Oceania, and their implications for global redistribution from lower latitudes. <i>Environmental Pollution</i> , <b>1994</b> , 85, 15-33	9.3	372
8	Persistent organochlorine residues in sediments from the Chukchi Sea, Bering Sea and Gulf of Alaska. <i>Marine Pollution Bulletin</i> , <b>1994</b> , 28, 746-753	6.7	79
7	Detection of butyltin compound residues in the blubber of marine mammals. <i>Marine Pollution Bulletin</i> , <b>1994</b> , 28, 607-612	6.7	68
6	Global contamination by persistent organochlorines and their ecotoxicological impact on marine mammals. <i>Science of the Total Environment</i> , <b>1994</b> , 154, 163-77	10.2	383
5	Distribution of persistent organochlorines in the oceanic air and surface seawater and the role of ocean on their global transport and fate. <i>Environmental Science &amp; Technology</i> , <b>1993</b> , 27, 1080-1098	10.3	790
4	A new view on the divergence of HCH isomer compositions in oceanic air. <i>Marine Pollution Bulletin</i> , <b>1993</b> , 26, 302-305	6.7	49
3	Fate of HCH (BHC) in Tropical Paddy Field: Application Test in South India. <i>International Journal of Environmental Analytical Chemistry</i> , <b>1991</b> , 45, 45-53	1.8	27
2	Fate of the insecticide HCH in the tropical coastal area of South India. <i>Marine Pollution Bulletin</i> , <b>1991</b> , 22, 290-297	6.7	66
1	Seasonal variation of persistent organochlorine insecticide residues in Vellar River waters in Tamil Nadu, South India. <i>Environmental Pollution</i> , <b>1990</b> , 67, 289-304	9.3	59