Jorke H Kamstra

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In Vitro Profiling of the Endocrine-Disrupting Potency of Brominated Flame Retardants. Toxicological Sciences, 2006, 92, 157-173.	3.1	634
2	Levels of Hexabromocyclododecane in Harbor Porpoises and Common Dolphins from Western European Seas, with Evidence for Stereoisomer-Specific Biotransformation by Cytochrome P450. Environmental Science & Technology, 2005, 39, 2095-2100.	10.0	222
3	Biotransformation of brominated flame retardants into potentially endocrineâ€disrupting metabolites, with special attention to 2,2′,4,4′â€ŧetrabromodiphenyl ether (BDEâ€47). Molecular Nutrition and Food Research, 2008, 52, 284-298.	3.3	202
4	Phenotypic Characterization of Retinoic Acid Differentiated SH-SY5Y Cells by Transcriptional Profiling. PLoS ONE, 2013, 8, e63862.	2.5	185
5	Microarray Analysis Reveals a Mechanism of Phenolic Polybrominated Diphenylether Toxicity in Zebrafish. Environmental Science & Technology, 2008, 42, 1773-1779.	10.0	132
6	In Vitro Toxicity Profiling of Ultrapure Non–Dioxin-like Polychlorinated Biphenyl Congeners and Their Relative Toxic Contribution to PCB Mixtures in Humans. Toxicological Sciences, 2011, 121, 88-100.	3.1	128
7	QUANTITATIVE STRUCTURE–ACTIVITY RELATIONSHIP MODELING ON IN VITRO ENDOCRINE EFFECTS AND METABOLIC STABILITY INVOLVING 26 SELECTED BROMINATED FLAME RETARDANTS. Environmental Toxicology and Chemistry, 2007, 26, 816.	4.3	113
8	Transcriptional and Epigenetic Mechanisms Underlying Enhanced in Vitro Adipocyte Differentiation by the Brominated Flame Retardant BDE-47. Environmental Science & Technology, 2014, 48, 4110-4119.	10.0	109
9	Zebrafish as a model to study the role of DNA methylation in environmental toxicology. Environmental Science and Pollution Research, 2015, 22, 16262-16276.	5.3	79
10	Zebrafish embryos as a screen for DNA methylation modifications after compound exposure. Toxicology and Applied Pharmacology, 2016, 291, 84-96.	2.8	59
11	<i>In Silico</i> Approach To Identify Potential Thyroid Hormone Disruptors among Currently Known Dust Contaminants and Their Metabolites. Environmental Science & Technology, 2015, 49, 10099-10107.	10.0	54
12	Dithiocarbamates are teratogenic to developing zebrafish through inhibition of lysyl oxidase activity. Toxicology and Applied Pharmacology, 2010, 244, 156-161.	2.8	50
13	Ionizing radiation induces transgenerational effects of DNA methylation in zebrafish. Scientific Reports, 2018, 8, 15373.	3.3	50
14	Differential DNA methylation at conserved non-genic elements and evidence for transgenerational inheritance following developmental exposure to mono(2-ethylhexyl) phthalate and 5-azacytidine in zebrafish. Epigenetics and Chromatin, 2017, 10, 20.	3.9	47
15	Organophosphate triesters and selected metabolites enhance binding of thyroxine to human transthyretin in vitro. Toxicology Letters, 2018, 285, 87-93.	0.8	47
16	Altered Adipogenesis in Zebrafish Larvae Following High Fat Diet and Chemical Exposure Is Visualised by Stimulated Raman Scattering Microscopy. International Journal of Molecular Sciences, 2017, 18, 894.	4.1	44
17	Current evidence for a role of epigenetic mechanisms in response to ionizing radiation in an ecotoxicological context. Environmental Pollution, 2019, 251, 469-483.	7.5	39
18	Toxicity profiling of marine surface sediments: A case study using rapid screening bioassays of exhaustive total extracts, elutriates and passive sampler extracts. Marine Environmental Research, 2017, 124, 81-91.	2.5	35

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19	A Mixture of Persistent Organic Pollutants and Perfluorooctanesulfonic Acid Induces Similar Behavioural Responses, but Different Gene Expression Profiles in Zebrafish Larvae. International Journal of Molecular Sciences, 2017, 18, 291.	4.1	35
20	The GOLIATH Project: Towards an Internationally Harmonised Approach for Testing Metabolism Disrupting Compounds. International Journal of Molecular Sciences, 2020, 21, 3480.	4.1	35
21	High-Resolution Fractionation after Gas Chromatography for Effect-Directed Analysis. Analytical Chemistry, 2013, 85, 8204-8211.	6.5	28
22	Epigenetic, transcriptional and phenotypic responses in two generations of Daphnia magna exposed to the DNA methylation inhibitor 5-azacytidine. Environmental Epigenetics, 2019, 5, dvz016.	1.8	28
23	Dynamics of DNA Hydroxymethylation in Zebrafish. Zebrafish, 2015, 12, 230-237.	1.1	26
24	Emerging concepts and opportunities for endocrine disruptor screening of the non-EATS modalities. Environmental Research, 2022, 204, 111904.	7.5	25
25	Effects of environmental pollutants on calcium release and uptake by rat cortical microsomes. NeuroToxicology, 2018, 69, 266-277.	3.0	23
26	Loss of prion protein induces a primed state of type I interferon-responsive genes. PLoS ONE, 2017, 12, e0179881.	2.5	22
27	Parental exposure to gamma radiation causes progressively altered transcriptomes linked to adverse effects in zebrafish offspring. Environmental Pollution, 2018, 234, 855-863.	7.5	22
28	Calcium signaling as a possible mechanism behind increased locomotor response in zebrafish larvae exposed to a human relevant persistent organic pollutant mixture or PFOS. Environmental Research, 2020, 187, 109702.	7.5	22
29	The influence of extreme river discharge conditions on the quality of suspended particulate matter in Rivers Meuse and Rhine (The Netherlands). Environmental Research, 2015, 143, 241-255.	7.5	18
30	Exploring DNA methylation patterns in copper exposed Folsomia candida and Enchytraeus crypticus. Pedobiologia, 2018, 66, 52-57.	1.2	14
31	Pure non-dioxin-like PCB congeners suppress induction of AhR-dependent endpoints in rat liver cells. Environmental Science and Pollution Research, 2016, 23, 2099-2107.	5.3	13
32	Gestational blood levels of toxic metal and essential element mixtures and associations with global DNA methylation in pregnant women and their infants. Science of the Total Environment, 2021, 787, 147621.	8.0	13
33	Epigenetic, transcriptional and phenotypic responses in Daphnia magna exposed to low-level ionizing radiation. Environmental Research, 2020, 190, 109930.	7.5	10
34	Developmental exposure to a POPs mixture or PFOS increased body weight and reduced swimming ability but had no effect on reproduction or behavior in zebrafish adults. Aquatic Toxicology, 2021, 237, 105882.	4.0	10
35	Goats without Prion Protein Display Enhanced Proinflammatory Pulmonary Signaling and Extracellular Matrix Remodeling upon Systemic Lipopolysaccharide Challenge. Frontiers in Immunology, 2017, 8, 1722.	4.8	7
36	Inhibition of methyltransferase activity of enhancer of zeste 2 leads to enhanced lipid accumulation and altered chromatin status in zebrafish. Epigenetics and Chromatin, 2020, 13, 5.	3.9	7

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37	High-throughput analyses and Bayesian network modeling highlight novel epigenetic Adverse Outcome Pathway networks of DNA methyltransferase inhibitor mediated transgenerational effects. Journal of Hazardous Materials, 2021, 408, 124490.	12.4	7
38	Altered non-coding RNA expression profile in F1 progeny 1Âyear after parental irradiation is linked to adverse effects in zebrafish. Scientific Reports, 2021, 11, 4142.	3.3	5
39	Perturbed transcriptional profiles after chronic low dose rate radiation in mice. PLoS ONE, 2021, 16, e0256667.	2.5	5
40	Optimization of an in vitro assay methodology for competitive binding of thyroidogenic xenobiotics with thyroxine on human transthyretin and albumin. MethodsX, 2017, 4, 404-412.	1.6	2