

Jorke H Kamstra

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,606
citations

279778

23
h-index

289230

40
g-index

42
all docs

42
docs citations

42
times ranked

3468
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro Profiling of the Endocrine-Disrupting Potency of Brominated Flame Retardants. <i>Toxicological Sciences</i> , 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. <i>Environmental Science & Technology</i> , 2005, 39, 2095-2100.	10.0	222
3	Biotransformation of brominated flame retardants into potentially endocrine-disrupting metabolites, with special attention to 2,2,4,4-tetrabromodiphenyl ether (BDE-47). <i>Molecular Nutrition and Food Research</i> , 2008, 52, 284-298.	3.3	202
4	Phenotypic Characterization of Retinoic Acid Differentiated SH-SY5Y Cells by Transcriptional Profiling. <i>PLoS ONE</i> , 2013, 8, e63862.	2.5	185
5	Microarray Analysis Reveals a Mechanism of Phenolic Polybrominated Diphenylether Toxicity in Zebrafish. <i>Environmental Science & Technology</i> , 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. <i>Toxicological Sciences</i> , 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. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 816.	4.3	113
8	Transcriptional and Epigenetic Mechanisms Underlying Enhanced in Vitro Adipocyte Differentiation by the Brominated Flame Retardant BDE-47. <i>Environmental Science & Technology</i> , 2014, 48, 4110-4119.	10.0	109
9	Zebrafish as a model to study the role of DNA methylation in environmental toxicology. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16262-16276.	5.3	79
10	Zebrafish embryos as a screen for DNA methylation modifications after compound exposure. <i>Toxicology and Applied Pharmacology</i> , 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. <i>Environmental Science & Technology</i> , 2015, 49, 10099-10107.	10.0	54
12	Dithiocarbamates are teratogenic to developing zebrafish through inhibition of lysyl oxidase activity. <i>Toxicology and Applied Pharmacology</i> , 2010, 244, 156-161.	2.8	50
13	Ionizing radiation induces transgenerational effects of DNA methylation in zebrafish. <i>Scientific Reports</i> , 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. <i>Epigenetics and Chromatin</i> , 2017, 10, 20.	3.9	47
15	Organophosphate triesters and selected metabolites enhance binding of thyroxine to human transthyretin in vitro. <i>Toxicology Letters</i> , 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. <i>International Journal of Molecular Sciences</i> , 2017, 18, 894.	4.1	44
17	Current evidence for a role of epigenetic mechanisms in response to ionizing radiation in an ecotoxicological context. <i>Environmental Pollution</i> , 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. <i>Marine Environmental Research</i> , 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. <i>International Journal of Molecular Sciences</i> , 2017, 18, 291.	4.1	35
20	The GOLIATH Project: Towards an Internationally Harmonised Approach for Testing Metabolism Disrupting Compounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3480.	4.1	35
21	High-Resolution Fractionation after Gas Chromatography for Effect-Directed Analysis. <i>Analytical Chemistry</i> , 2013, 85, 8204-8211.	6.5	28
22	Epigenetic, transcriptional and phenotypic responses in two generations of <i>Daphnia magna</i> exposed to the DNA methylation inhibitor 5-azacytidine. <i>Environmental Epigenetics</i> , 2019, 5, dvz016.	1.8	28
23	Dynamics of DNA Hydroxymethylation in Zebrafish. <i>Zebrafish</i> , 2015, 12, 230-237.	1.1	26
24	Emerging concepts and opportunities for endocrine disruptor screening of the non-EATS modalities. <i>Environmental Research</i> , 2022, 204, 111904.	7.5	25
25	Effects of environmental pollutants on calcium release and uptake by rat cortical microsomes. <i>NeuroToxicology</i> , 2018, 69, 266-277.	3.0	23
26	Loss of prion protein induces a primed state of type I interferon-responsive genes. <i>PLoS ONE</i> , 2017, 12, e0179881.	2.5	22
27	Parental exposure to gamma radiation causes progressively altered transcriptomes linked to adverse effects in zebrafish offspring. <i>Environmental Pollution</i> , 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. <i>Environmental Research</i> , 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). <i>Environmental Research</i> , 2015, 143, 241-255.	7.5	18
30	Exploring DNA methylation patterns in copper exposed <i>Folsomia candida</i> and <i>Enchytraeus crypticus</i> . <i>Pedobiologia</i> , 2018, 66, 52-57.	1.2	14
31	Pure non-dioxin-like PCB congeners suppress induction of AhR-dependent endpoints in rat liver cells. <i>Environmental Science and Pollution Research</i> , 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. <i>Science of the Total Environment</i> , 2021, 787, 147621.	8.0	13
33	Epigenetic, transcriptional and phenotypic responses in <i>Daphnia magna</i> exposed to low-level ionizing radiation. <i>Environmental Research</i> , 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. <i>Aquatic Toxicology</i> , 2021, 237, 105882.	4.0	10
35	Goats without Prion Protein Display Enhanced Proinflammatory Pulmonary Signaling and Extracellular Matrix Remodeling upon Systemic Lipopolysaccharide Challenge. <i>Frontiers in Immunology</i> , 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. <i>Epigenetics and Chromatin</i> , 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 1 year 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