

Harm J Heusinkveld

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

766
citations

623574

14
h-index

552653

26
g-index

26
all docs

26
docs citations

26
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurodegenerative and neurological disorders by small inhaled particles. <i>NeuroToxicology</i> , 2016, 56, 94-106.	1.4	246
2	Azole Fungicides Disturb Intracellular Ca ²⁺ in an Additive Manner in Dopaminergic PC12 Cells. <i>Toxicological Sciences</i> , 2013, 134, 374-381.	1.4	65
3	Bromination Pattern of Hydroxylated Metabolites of BDE-47 Affects Their Potency to Release Calcium from Intracellular Stores in PC12 Cells. <i>Environmental Health Perspectives</i> , 2010, 118, 519-525.	2.8	57
4	Hexabromocyclododecane Inhibits Depolarization-Induced Increase in Intracellular Calcium Levels and Neurotransmitter Release in PC12 Cells. <i>Toxicological Sciences</i> , 2009, 107, 490-497.	1.4	49
5	Organochlorine Insecticides Lindane and Dieldrin and Their Binary Mixture Disturb Calcium Homeostasis in Dopaminergic PC12 Cells. <i>Environmental Science & Technology</i> , 2012, 46, 1842-1848.	4.6	46
6	Comparison of different in vitro cell models for the assessment of pesticide-induced dopaminergic neurotoxicity. <i>Toxicology in Vitro</i> , 2017, 45, 81-88.	1.1	37
7	Dual actions of lindane (¹³ C-hexachlorocyclohexane) on calcium homeostasis and exocytosis in rat PC12 cells. <i>Toxicology and Applied Pharmacology</i> , 2010, 248, 12-19.	1.3	29
8	Caveats and limitations of plate reader-based high-throughput kinetic measurements of intracellular calcium levels. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 1-8.	1.3	24
9	A comprehensive view on mechanistic approaches for cancer risk assessment of non-genotoxic agrochemicals. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 118, 104789.	1.3	21
10	Dose Addition in the Induction of Craniofacial Malformations in Zebrafish Embryos Exposed to a Complex Mixture of Food-Relevant Chemicals with Dissimilar Modes of Action. <i>Environmental Health Perspectives</i> , 2022, 130, 47003.	2.8	21
11	Towards a mechanism-based approach for the prediction of nongenotoxic carcinogenic potential of agrochemicals. <i>Critical Reviews in Toxicology</i> , 2020, 50, 725-739.	1.9	20
12	Developmental Neurotoxicity of Environmentally Relevant Pharmaceuticals and Mixtures Thereof in a Zebrafish Embryo Behavioural Test. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6717.	1.2	16
13	The effect of zirconium doping of cerium dioxide nanoparticles on pulmonary and cardiovascular toxicity and biodistribution in mice after inhalation. <i>Nanotoxicology</i> , 2017, 11, 1-15.	1.6	15
14	Evaluation of neurological effects of cerium dioxide nanoparticles doped with different amounts of zirconium following inhalation exposure in mouse models of Alzheimer's and vascular disease. <i>Neurochemistry International</i> , 2020, 138, 104755.	1.9	15
15	An ontology for developmental processes and toxicities of neural tube closure. <i>Reproductive Toxicology</i> , 2021, 99, 160-167.	1.3	15
16	Comparison of plate reader-based methods with fluorescence microscopy for measurements of intracellular calcium levels for the assessment of in vitro neurotoxicity. <i>NeuroToxicology</i> , 2014, 45, 31-37.	1.4	13
17	<i>In vitro</i> dopaminergic neurotoxicity of pesticides: a link with neurodegeneration?. <i>Veterinary Quarterly</i> , 2014, 34, 120-131.	3.0	12
18	In vitro neurotoxic hazard characterisation of dinitrophenolic herbicides. <i>Toxicology Letters</i> , 2016, 252, 62-69.	0.4	12

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19	Distinguishing mode of action of compounds inducing craniofacial malformations in zebrafish embryos to support dose-response modeling in combined exposures. <i>Reproductive Toxicology</i> , 2020, 96, 114-127.	1.3	12
20	Evaluation of the neurotoxic effects of engineered nanomaterials in C57BL/6J mice in 28-day oral exposure studies. <i>NeuroToxicology</i> , 2021, 84, 155-171.	1.4	12
21	Application of the comparison approach to open TG-GATEs: A useful toxicogenomics tool for detecting modes of action in chemical risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 121, 115-123.	1.8	8
22	An efficient neuron-astrocyte differentiation protocol from human embryonic stem cell-derived neural progenitors to assess chemical-induced developmental neurotoxicity. <i>Reproductive Toxicology</i> , 2020, 98, 107-116.	1.3	6
23	Relevance of <i>In Vitro</i> Transcriptomics for <i>In Vivo</i> Mode of Action Assessment. <i>Chemical Research in Toxicology</i> , 2021, 34, 452-459.	1.7	6
24	Effects of subchronic dietary exposure to the engineered nanomaterials SiO ₂ and CeO ₂ in C57BL/6J and 5xFAD Alzheimer model mice. <i>Particle and Fibre Toxicology</i> , 2022, 19, 23.	2.8	4
25	The effects of aliphatic alcohols and related acid metabolites in zebrafish embryos - correlations with rat developmental toxicity and with effects in advanced life stages in fish. <i>Toxicology and Applied Pharmacology</i> , 2020, 407, 115249.	1.3	3
26	Exploring Neurobehaviour in Zebrafish Embryos as a Screening Model for Addictiveness of Substances. <i>Toxics</i> , 2021, 9, 250.	1.6	2