

Lya G Soeteman-Hernández

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

966
citations

516561

16
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

990
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation of point of departure (PoD) estimates in genetic toxicology studies and their potential applications in risk assessment. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 609-623.	0.9	128
2	Quantitative approaches for assessing dose–response relationships in genetic toxicology studies. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 8-18.	0.9	127
3	IWGT report on quantitative approaches to genotoxicity risk assessment II. Use of point-of-departure (PoD) metrics in defining acceptable exposure limits and assessing human risk. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 783, 66-78.	0.9	109
4	IWGT report on quantitative approaches to genotoxicity risk assessment I. Methods and metrics for defining exposure–response relationships and points of departure (PoDs). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 783, 55-65.	0.9	101
5	Empirical analysis of BMD metrics in genetic toxicology part I: <i>in vitro</i> analyses to provide robust potency rankings and support MOA determinations. <i>Mutagenesis</i> , 2016, 31, 255-263.	1.0	68
6	A Mode-of-Action Approach for the Identification of Genotoxic Carcinogens. <i>PLoS ONE</i> , 2013, 8, e64532.	1.1	46
7	A Methodological Safe-by-Design Approach for the Development of Nanomedicines. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 258.	2.0	44
8	Estimating the carcinogenic potency of chemicals from the <i>in vivo</i> micronucleus test. <i>Mutagenesis</i> , 2016, 31, 347-358.	1.0	43
9	Potential harmful health effects of inhaling nicotine-free shisha-pen vapor: a chemical risk assessment of the main components propylene glycol and glycerol. <i>Tobacco Induced Diseases</i> , 2015, 13, 15.	0.3	41
10	Safe innovation approach: Towards an agile system for dealing with innovations. <i>Materials Today Communications</i> , 2019, 20, 100548.	0.9	40
11	New approaches to advance the use of genetic toxicology analyses for human health risk assessment. <i>Toxicology Research</i> , 2015, 4, 667-676.	0.9	34
12	Quantitative dose–response analysis of ethyl methanesulfonate genotoxicity in adult <i>gpt</i> – Δ transgenic mice. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 385-399.	0.9	30
13	Correlation of <i>In Vivo</i> Versus <i>In Vitro</i> Benchmark Doses (BMDs) Derived From Micronucleus Test Data: A Proof of Concept Study. <i>Toxicological Sciences</i> , 2015, 148, 355-367.	1.4	23
14	Anchoring molecular mechanisms to the adverse outcome pathway for skin sensitization: Analysis of existing data. <i>Critical Reviews in Toxicology</i> , 2014, 44, 590-599.	1.9	20
15	Safe-by-Design part I: Proposal for nanospecific human health safety aspects needed along the innovation process. <i>NanoImpact</i> , 2020, 18, 100227.	2.4	20
16	A Method for Comparing the Impact on Carcinogenicity of Tobacco Products: A Case Study on Heated Tobacco Versus Cigarettes. <i>Risk Analysis</i> , 2020, 40, 1355-1366.	1.5	19
17	Tobacco Smoke–Related Health Effects Induced by 1,3-Butadiene and Strategies for Risk Reduction. <i>Toxicological Sciences</i> , 2013, 136, 566-580.	1.4	16
18	Safe-by-Design part II: A strategy for balancing safety and functionality in the different stages of the innovation process. <i>NanoImpact</i> , 2021, 24, 100354.	2.4	16

#	ARTICLE	IF	CITATIONS
19	Perspective on how regulators can keep pace with innovation: Outcomes of a European Regulatory Preparedness Workshop on nanomaterials and nano-enabled products. <i>NanoImpact</i> , 2019, 14, 100166.	2.4	11
20	Risk assessment of components in tobacco smoke and e-cigarette aerosols: a pragmatic choice of dose metrics. <i>Inhalation Toxicology</i> , 2021, 33, 81-95.	0.8	7
21	Challenges of implementing nano-specific safety and safe-by-design principles in academia. <i>NanoImpact</i> , 2020, 19, 100243.	2.4	6
22	Modernizing innovation governance to meet policy ambitions through trusted environments. <i>NanoImpact</i> , 2021, 21, 100301.	2.4	6
23	Safe-and-Sustainable-by-Design Framework Based on a Prospective Life Cycle Assessment: Lessons Learned from a Nano-Titanium Dioxide Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4241.	1.2	5
24	A test strategy for the assessment of additive attributed toxicity of tobacco products. <i>Food and Chemical Toxicology</i> , 2016, 94, 93-102.	1.8	3