Lya G Soeteman-HernÃ¡ndez

List of Publications by Year
in descending order

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	Safe-and-Sustainable-by-Design Framework Based on a Prospective Life Cycle Assessment: Lessons Learned from a Nano-Titanium Dioxide Case Study. International Journal of Environmental Research and Public Health, 2022, 19, 4241.	1.2	5
2	Modernizing innovation governance to meet policy ambitions through trusted environments. NanoImpact, 2021, 21, 100301.	2.4	6
3	Risk assessment of components in tobacco smoke and e-cigarette aerosols: a pragmatic choice of dose metrics. Inhalation Toxicology, 2021, 33, 81-95.	0.8	7
4	Safe-by-Design part II: A strategy for balancing safety and functionality in the different stages of the innovation process. NanoImpact, 2021, 24, 100354.	2.4	16
5	Challenges of implementing nano-specific safety and safe-by-design principles in academia. NanoImpact, 2020, 19, 100243.	2.4	6
6	A Method for Comparing the Impact on Carcinogenicity of Tobacco Products: A Case Study on Heated Tobacco Versus Cigarettes. Risk Analysis, 2020, 40, 1355-1366.	1.5	19
7	A Methodological Safe-by-Design Approach for the Development of Nanomedicines. Frontiers in Bioengineering and Biotechnology, 2020, 8, 258.	2.0	44
8	Safe-by-Design part I: Proposal for nanospecific human health safety aspects needed along the innovation process. NanoImpact, 2020, 18, 100227.	2.4	20
9	Safe innovation approach: Towards an agile system for dealing with innovations. Materials Today Communications, 2019, 20, 100548.	0.9	40
10	Perspective on how regulators can keep pace with innovation: Outcomes of a European Regulatory Preparedness Workshop on nanomaterials and nano-enabled products. NanoImpact, 2019, 14, 100166.	2.4	11
11	A test strategy for the assessment of additive attributed toxicity of tobacco products. Food and Chemical Toxicology, 2016, 94, 93-102.	1.8	3
12	Empirical analysis of BMD metrics in genetic toxicology part I:in vitroanalyses to provide robust potency rankings and support MOA determinations. Mutagenesis, 2016, 31, 255-263.	1.0	68
13	Estimating the carcinogenic potency of chemicals from thein vivomicronucleus test. Mutagenesis, 2016, 31, 347-358.	1.0	43
14	Potential harmful health effects of inhaling nicotine-free shisha-pen vapor: a chemical risk assessment of the main components propylene glycol and glycerol. Tobacco Induced Diseases, 2015, 13, 15.	0.3	41
15	New approaches to advance the use of genetic toxicology analyses for human health risk assessment. Toxicology Research, 2015, 4, 667-676.	0.9	34
16	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. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 783, 66-78.	0.9	109
17	Correlation ofInÂ VivoVersusIn VitroBenchmark Doses (BMDs) Derived From Micronucleus Test Data: A Proof of Concept Study. Toxicological Sciences, 2015, 148, 355-367.	1.4	23
18	IWGT report on quantitative approaches to genotoxicity risk assessment I. Methods and metrics for defining exposureâ€“response relationships and points of departure (PoDs). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 783, 55-65.	0.9	101

#	Article	IF	Citations
19	Derivation of point of departure (PoD) estimates in genetic toxicology studies and their potential applications in risk assessment. Environmental and Molecular Mutagenesis, 2014, 55, 609-623.	0.9	128
20	Quantitative doseâ€“response analysis of ethyl methanesulfonate genotoxicity in adult gptâ€delta transgenic mice. Environmental and Molecular Mutagenesis, 2014, 55, 385-399.	0.9	30
21	Anchoring molecular mechanisms to the adverse outcome pathway for skin sensitization: Analysis of existing data. Critical Reviews in Toxicology, 2014, 44, 590-599.	1.9	20
22	Quantitative approaches for assessing doseâ€“response relationships in genetic toxicology studies. Environmental and Molecular Mutagenesis, 2013, 54, 8-18.	0.9	127
23	Tobacco Smokeâ€“Related Health Effects Induced by 1,3-Butadiene and Strategies for Risk Reduction. Toxicological Sciences, 2013, 136, 566-580.	1.4	16
24	A Mode-of-Action Approach for the Identification of Genotoxic Carcinogens. PLoS ONE, 2013, 8, e64532.	1.1	46