

Lya G Soeteman-Hernandez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

766
citations

14
h-index

25
g-index

25
ext. papers

867
ext. citations

3.9
avg, IF

3.77
L-index

#	Paper	IF	Citations
24	Quantitative approaches for assessing dose-response relationships in genetic toxicology studies. <i>Environmental and Molecular Mutagenesis</i> , 2013 , 54, 8-18	3.2	112
23	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, 609-23	3.2	102
22	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	3	92
21	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	3	83
20	Empirical analysis of BMD metrics in genetic toxicology part I: in vitro analyses to provide robust potency rankings and support MOA determinations. <i>Mutagenesis</i> , 2016 , 31, 255-63	2.8	50
19	A mode-of-action approach for the identification of genotoxic carcinogens. <i>PLoS ONE</i> , 2013 , 8, e64532	3.7	40
18	Estimating the carcinogenic potency of chemicals from the in vivo micronucleus test. <i>Mutagenesis</i> , 2016 , 31, 347-58	2.8	38
17	Safe innovation approach: Towards an agile system for dealing with innovations. <i>Materials Today Communications</i> , 2019 , 20, 100548	2.5	32
16	A Methodological Safe-by-Design Approach for the Development of Nanomedicines. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 258	5.8	31
15	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	3.2	31
14	Quantitative dose-response analysis of ethyl methanesulfonate genotoxicity in adult gpt-delta transgenic mice. <i>Environmental and Molecular Mutagenesis</i> , 2014 , 55, 385-99	3.2	28
13	New approaches to advance the use of genetic toxicology analyses for human health risk assessment. <i>Toxicology Research</i> , 2015 , 4, 667-676	2.6	23
12	Correlation of In Vivo Versus In Vitro Benchmark Doses (BMDs) Derived From Micronucleus Test Data: A Proof of Concept Study. <i>Toxicological Sciences</i> , 2015 , 148, 355-67	4.4	20
11	Anchoring molecular mechanisms to the adverse outcome pathway for skin sensitization: Analysis of existing data. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 590-9	5.7	20
10	Safe-by-Design part I: Proposal for nanospecific human health safety aspects needed along the innovation process. <i>NanoImpact</i> , 2020 , 18, 100227	5.6	14
9	Tobacco smoke-related health effects induced by 1,3-butadiene and strategies for risk reduction. <i>Toxicological Sciences</i> , 2013 , 136, 566-80	4.4	13
8	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	3.9	10

7	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	5.6	7
6	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	5.6	6
5	A test strategy for the assessment of additive attributed toxicity of tobacco products. <i>Food and Chemical Toxicology</i> , 2016 , 94, 93-102	4.7	3
4	Modernizing innovation governance to meet policy ambitions through trusted environments.. <i>NanoImpact</i> , 2021 , 21, 100301	5.6	3
3	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,	4.6	3
2	Challenges of implementing nano-specific safety and safe-by-design principles in academia. <i>NanoImpact</i> , 2020 , 19, 100243	5.6	2
1	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	2.7	1