

Catherine Mahony

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,741
citations

567281

15
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	A strategy for structuring and reporting a read-across prediction of toxicity. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 72, 586-601.	2.7	1,125
2	Chemical Safety Assessment Using Read-Across: Assessing the Use of Novel Testing Methods to Strengthen the Evidence Base for Decision Making. <i>Environmental Health Perspectives</i> , 2015, 123, 1232-1240.	6.0	89
3	Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. <i>Computational Toxicology</i> , 2017, 4, 31-44.	3.3	75
4	Case studies to test: A framework for using structural, reactivity, metabolic and physicochemical similarity to evaluate the suitability of analogs for SAR-based toxicological assessments. <i>Regulatory Toxicology and Pharmacology</i> , 2011, 60, 120-135.	2.7	50
5	SEURAT: Safety Evaluation Ultimately Replacing Animal Testing—Recommendations for future research in the field of predictive toxicology. <i>Archives of Toxicology</i> , 2015, 89, 15-23.	4.2	44
6	A strategy for systemic toxicity assessment based on non-animal approaches: The Cosmetics Europe Long Range Science Strategy programme. <i>Toxicology in Vitro</i> , 2018, 50, 137-146.	2.4	40
7	The SEURAT-1 approach towards animal free human safety assessment. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2015, 32, 9-24.	1.5	40
8	Paving the way for application of next generation risk assessment to safety decision-making for cosmetic ingredients. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 125, 105026.	2.7	39
9	New ideas for non-animal approaches to predict repeated-dose systemic toxicity: Report from an EPAA Blue Sky Workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 114, 104668.	2.7	33
10	A 10-step framework for use of read-across (RAX) in next generation risk assessment (NGRA) for cosmetics safety assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 129, 105094.	2.7	29
11	In silico approach to safety of botanical dietary supplement ingredients utilizing constituent-level characterization. <i>Food and Chemical Toxicology</i> , 2017, 107, 418-429.	3.6	21
12	New framework for a non-animal approach adequately assures the safety of cosmetic ingredients – A case study on caffeine. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 123, 104931.	2.7	21
13	A Tiered Approach for the Evaluation of the Safety of Botanicals Used as Dietary Supplements: An Industry Strategy. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 446-457.	4.7	20
14	A mode-of-action ontology model for safety evaluation of chemicals: Outcome of a series of workshops on repeated dose toxicity. <i>Toxicology in Vitro</i> , 2019, 59, 44-50.	2.4	19
15	Multi-Detector Characterization of Grape Seed Extract to Enable in silico Safety Assessment. <i>Frontiers in Chemistry</i> , 2018, 6, 334.	3.6	18
16	Read-across and new approach methodologies applied in a 10-step framework for cosmetics safety assessment – A case study with parabens. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 132, 105161.	2.7	18
17	Safety assessment of mushrooms in dietary supplements by combining analytical data with in silico toxicology evaluation. <i>Food and Chemical Toxicology</i> , 2017, 103, 133-147.	3.6	17
18	Highlight report: “Big data in the 3R™: outlook and recommendations”, a roundtable summary. <i>Archives of Toxicology</i> , 2018, 92, 1015-1020.	4.2	10

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19	Assessing Safety Without Animal Testing: The Road Ahead. <i>Toxicological Sciences</i> , 2022, 187, 214-218.	3.1	9
20	Development of a consensus approach for botanical safety evaluation – A roundtable report. <i>Toxicology Letters</i> , 2019, 314, 10-17.	0.8	6
21	An exposure-based risk assessment approach to confirm the safety of hydrogen peroxide for use in home tooth bleaching. <i>Regulatory Toxicology and Pharmacology</i> , 2006, 44, 75-82.	2.7	5
22	Incorporation of in vitro techniques for botanicals dietary supplement safety assessment – Towards evaluation of developmental and reproductive toxicity (DART). <i>Food and Chemical Toxicology</i> , 2020, 144, 111539.	3.6	4
23	Building confidence in non-animal methods: Practical examples of collaboration between regulators, researchers and industry. <i>Computational Toxicology</i> , 2019, 10, 78-80.	3.3	3
24	Peroxide degradation kinetics of a direct application percarbonate bleaching film. <i>American Journal of Dentistry</i> , 2003, 16 Spec No, 9B-11B.	0.1	3
25	Use of in vitro metabolism and biokinetics assays to refine predicted in vivo and in vitro internal exposure to the cosmetic ingredient, phenoxyethanol, for use in risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 131, 105132.	2.7	3