Catherine Mahony

List of Publications by Year
in descending order

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 10-step framework for use of read-across (RAX) in next generation risk assessment (NGRA) for cosmetics safety assessment. Regulatory Toxicology and Pharmacology, 2022, 129, 105094.	2.7	29
2	Assessing Safety Without Animal Testing: The Road Ahead. Toxicological Sciences, 2022, 187, 214-218.	3.1	9
3	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. Regulatory Toxicology and Pharmacology, 2022, 131, 105132.	2.7	3
4	Read-across and new approach methodologies applied in a 10-step framework for cosmetics safety assessment â€" A case study with parabens. Regulatory Toxicology and Pharmacology, 2022, 132, 105161.	2.7	18
5	New framework for a non-animal approach adequately assures the safety of cosmetic ingredients â€" A case study on caffeine. Regulatory Toxicology and Pharmacology, 2021, 123, 104931.	2.7	21
6	Paving the way for application of next generation risk assessment to safety decision-making for cosmetic ingredients. Regulatory Toxicology and Pharmacology, 2021, 125, 105026.	2.7	39
7	Incorporation of in vitro techniques for botanicals dietary supplement safety assessment â€" Towards evaluation of developmental and reproductive toxicity (DART). Food and Chemical Toxicology, 2020, 144, 111539.	3.6	4
8	New ideas for non-animal approaches to predict repeated-dose systemic toxicity: Report from an EPAA Blue Sky Workshop. Regulatory Toxicology and Pharmacology, 2020, 114, 104668.	2.7	33
9	Development of a consensus approach for botanical safety evaluation â€" A roundtable report. Toxicology Letters, 2019, 314, 10-17.	0.8	6
10	A mode-of-action ontology model for safety evaluation of chemicals: Outcome of a series of workshops on repeated dose toxicity. Toxicology in Vitro, 2019, 59, 44-50.	2.4	19
11	Building confidence in non-animal methods: Practical examples of collaboration between regulators, researchers and industry. Computational Toxicology, 2019, 10, 78-80.	3.3	3
12	A strategy for systemic toxicity assessment based on non-animal approaches: The Cosmetics Europe Long Range Science Strategy programme. Toxicology in Vitro, 2018, 50, 137-146.	2.4	40
13	Highlight report: â€˜Big data in the 3Râ€™s: outlook and recommendationsâ€™, a roundtable summary. Archives of Toxicology, 2018, 92, 1015-1020.	4.2	10
14	Multi-Detector Characterization of Grape Seed Extract to Enable in silico Safety Assessment. Frontiers in Chemistry, 2018, 6, 334.	3.6	18
15	A Tiered Approach for the Evaluation of the Safety of Botanicals Used as Dietary Supplements: An Industry Strategy. Clinical Pharmacology and Therapeutics, 2018, 104, 446-457.	4.7	20
16	Safety assessment of mushrooms in dietary supplements by combining analytical data with in silico toxicology evaluation. Food and Chemical Toxicology, 2017, 103, 133-147.	3.6	17
17	Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. Computational Toxicology, 2017, 4, 31-44.	3.3	75
18	In silico approach to safety of botanical dietary supplement ingredients utilizing constituent-level characterization. Food and Chemical Toxicology, 2017, 107, 418-429.	3.6	21

#	Article	IF	Citations
19	Chemical Safety Assessment Using Read-Across: Assessing the Use of Novel Testing Methods to Strengthen the Evidence Base for Decision Making. Environmental Health Perspectives, 2015, 123, 1232-1240.	6.0	89
20	A strategy for structuring and reporting a read-across prediction of toxicity. Regulatory Toxicology and Pharmacology, 2015, 72, 586-601.	2.7	1,125
21	SEURAT: Safety Evaluation Ultimately Replacing Animal Testing—Recommendations for future research in the field of predictive toxicology. Archives of Toxicology, 2015, 89, 15-23.	4.2	44
22	The SEURAT-1 approach towards animal free human safety assessment. ALTEX: Alternatives To Animal Experimentation, 2015, 32, 9-24.	1.5	40
23	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. Regulatory Toxicology and Pharmacology, 2011, 60, 120-135.	2.7	50
24	An exposure-based risk assessment approach to confirm the safety of hydrogen peroxide for use in home tooth bleaching. Regulatory Toxicology and Pharmacology, 2006, 44, 75-82.	2.7	5
25	Peroxide degradation kinetics of a direct application percarbonate bleaching film. American Journal of Dentistry, 2003, 16 Spec No, 9B-11B.	0.1	3