

Nathalie Alepee

List of Publications by Year in Descending Order

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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.

76 papers	1,831 citations	23 h-index	41 g-index
85 ext. papers	2,054 ext. citations	3.5 avg, IF	4.2 L-index

#	Paper	IF	Citations
76	Validation of the SkinEthic HCE time-to-toxicity test method for eye hazard classification of chemicals according to UN GHS.. <i>Toxicology in Vitro</i> , 2022 , 80, 105319	3.6	1
75	Amending the U-SENS ³ skin sensitization test method for interfering auto-fluorescent chemicals.. <i>Toxicology in Vitro</i> , 2022 , 105353	3.6	
74	Expansion of the Cosmetics Europe skin sensitisation database with new substances and PPRA data.. <i>Regulatory Toxicology and Pharmacology</i> , 2022 , 105169	3.4	1
73	Assessment of the skin sensitization potential of fragrance ingredients using the U-SENS ³ assay.. <i>Toxicology in Vitro</i> , 2021 , 79, 105298	3.6	1
72	The EyeIRR-IS assay: Development and evaluation of an in vitro assay to measure the eye irritation sub-categorization of liquid chemicals. <i>Toxicology in Vitro</i> , 2021 , 71, 105072	3.6	3
71	A new 3D model for genotoxicity assessment: EpiSkin ³ Micronucleus Assay. <i>Mutagenesis</i> , 2021 , 36, 51-61	2.8	3
70	Overall performance of Bovine Corneal Opacity and Permeability (BCOP) Laser Light-Based Opacitometer (LLBO) test method with regard to solid and liquid chemicals testing. <i>Toxicology in Vitro</i> , 2021 , 70, 105044	3.6	2
69	Real world-like simulations show efficient predictive power of in vitro skin corrosion tests used as stand-alone and in combination and how can toxicologists take advantage of them. <i>Toxicology in Vitro</i> , 2021 , 70, 105043	3.6	1
68	Next generation risk assessment for skin sensitisation: A case study with propyl paraben. <i>Regulatory Toxicology and Pharmacology</i> , 2021 , 123, 104936	3.4	2
67	SkinEthic HCE Time-to-Toxicity on solids: A test method for distinguishing chemicals inducing serious eye damage, eye irritation and not requiring classification and labelling. <i>Toxicology in Vitro</i> , 2021 , 75, 105203	3.6	4
66	Performance Statistics of Defined Approaches for Eye Hazard Identification of Non-Surfactant Liquids to Distinguish Between the Three United Nations Globally Harmonized System Categories. <i>Applied in Vitro Toxicology</i> , 2021 , 7, 91-101	1.3	1
65	Development of a next generation risk assessment framework for the evaluation of skin sensitisation of cosmetic ingredients. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 116, 104721	3.4	21
64	A ready-to-use integrated in vitro skin corrosion and irritation testing strategy using EpiSkin ³ model in China. <i>Toxicology in Vitro</i> , 2020 , 65, 104778	3.6	2
63	The kinetic direct peptide reactivity assay (kDPRA): Intra- and inter-laboratory reproducibility in a seven-laboratory ring trial. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020 , 37, 639-651	4.3	7
62	Development of the SkinEthic HCE Time-to-Toxicity test method for identifying liquid chemicals not requiring classification and labelling and liquids inducing serious eye damage and eye irritation. <i>Toxicology in Vitro</i> , 2020 , 69, 104960	3.6	4
61	Read-across can increase confidence in the Next Generation Risk Assessment for skin sensitisation: A case study with resorcinol. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 117, 104755	3.4	9
60	Skin sensitisation testing in practice: Applying a stacking meta model to cosmetic ingredients. <i>Toxicology in Vitro</i> , 2020 , 66, 104831	3.6	3

59	Assessment of a defined approach based on a stacking prediction model to identify skin sensitization hazard. <i>Toxicology in Vitro</i> , 2019 , 60, 134-143	3.6	3
58	Development of a defined approach for eye irritation or serious eye damage for neat liquids based on cosmetics Europe analysis of in vitro RhCE and BCOP test methods. <i>Toxicology in Vitro</i> , 2019 , 59, 100-114	3.6	17
57	Development of a defined approach for eye irritation or serious eye damage for liquids, neat and in dilution, based on cosmetics Europe analysis of in vitro STE and BCOP test methods. <i>Toxicology in Vitro</i> , 2019 , 57, 154-163	3.6	15
56	SkinEthicHCE Eye Irritation Test: Similar performance demonstrated after long distance shipment and extended storage conditions. <i>Toxicology in Vitro</i> , 2019 , 54, 202-214	3.6	2
55	Usefulness of the EpiSkinreconstructed human epidermis model within Integrated Approaches on Testing and Assessment (IATA) for skin corrosion and irritation. <i>Toxicology in Vitro</i> , 2019 , 54, 147-167	3.6	5
54	Non-animal methods to predict skin sensitization (I): the Cosmetics Europe database. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 344-358	5.7	79
53	Non-animal methods to predict skin sensitization (II): an assessment of defined approaches. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 359-374	5.7	93
52	Reprint of "CON4EI: Bovine Corneal Opacity and Permeability (BCOP) test for hazard identification and labelling of eye irritating chemicals". <i>Toxicology in Vitro</i> , 2018 , 49, 53-64	3.6	8
51	Reprint of "CON4EI: Selection of the reference chemicals for hazard identification and labelling of eye irritating chemicals". <i>Toxicology in Vitro</i> , 2018 , 49, 6-10	3.6	4
50	Alternative Integrated Testing for Skin Sensitization: Assuring Consumer Safety. <i>Applied in Vitro Toxicology</i> , 2018 , 4, 30-43	1.3	15
49	CON4EI: SkinEthicHuman Corneal Epithelium Eye Irritation Test (SkinEthicHCE EIT) for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018 , 49, 11-20	3.6	8
48	CON4EI: EpiOcularEye Irritation Test (EpiOcularEIT) for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018 , 49, 21-33	3.6	11
47	CON4EI: Evaluation of QSAR models for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018 , 49, 90-98	3.6	2
46	CON4EI: Development of testing strategies for hazard identification and labelling for serious eye damage and eye irritation of chemicals. <i>Toxicology in Vitro</i> , 2018 , 49, 99-115	3.6	14
45	CON4EI: CONSortium for in vitro Eye Irritation testing strategy - EpiOcularTime-to-toxicity (EpiOcular ET-50) protocols for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018 , 49, 34-52	3.6	10
44	CON4EI: Short Time Exposure (STE) test method for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018 , 49, 65-76	3.6	8
43	A way forward of alternative methods in China: Implementation of skin corrosivity potential using in vitro reconstructed human epidermis. <i>Toxicology in Vitro</i> , 2018 , 52, 321-331	3.6	3
42	State-of-the-art and new options to assess T cell activation by skin sensitizers: Cosmetics Europe Workshop. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018 , 35, 179-192	4.3	14

41	Implementation, availability and regulatory status of an OECD accepted Reconstructed Human Epidermis model in Brazil. <i>Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia</i> , 2018 , 6, 64	1.1	3
40	Comparative assessment of 24-hr primary skin irritation test and human patch test data with in vitro skin irritation tests according to OECD Test Guideline 439 (for quasi-drugs in Japan). <i>Journal of Toxicological Sciences</i> , 2018 , 43, 751-768	1.9	8
39	Cosmetics Europe compilation of historical serious eye damage/eye irritation in vivo data analysed by drivers of classification to support the selection of chemicals for development and evaluation of alternative methods/strategies: the Draize eye test Reference Database (DRD). <i>Archives of Toxicology</i> , 2017 , 91, 521-547	5.8	50
38	In vitro skin irritation assessment becomes a reality in China using a reconstructed human epidermis test method. <i>Toxicology in Vitro</i> , 2017 , 41, 159-167	3.6	9
37	Skin Irritation Hazard of Chemicals Assessed by the EpiSkin [®] In Vitro Test Method 2017 , 25-39		
36	The EpiSkin [®] Human Epidermis Model for In Vitro Skin Corrosion of Test Chemicals 2017 , 107-125		
35	CON4EI: Bovine Corneal Opacity and Permeability (BCOP) test for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2017 , 44, 122-133	3.6	9
34	CON4EI: Selection of the reference chemicals for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2017 , 44, 44-48	3.6	13
33	Assessment of the Human Epidermis SkinEthic [®] RHE Model for In Vitro Skin Corrosion Testing of Chemicals 2017 , 143-157		1
32	U-SENS [®] A U937 Cell Line Activation Test for Skin Sensitization 2017 , 311-330		1
31	An In Vitro Skin Irritation Test Using the SkinEthic [®] Reconstructed Human Epidermal (RHE) Model 2017 , 59-72		1
30	Multi-laboratory validation of SkinEthic HCE test method for testing serious eye damage/eye irritation using liquid chemicals. <i>Toxicology in Vitro</i> , 2016 , 31, 43-53	3.6	29
29	Assessment of cosmetic ingredients in the in vitro reconstructed human epidermis test method EpiSkin [®] using HPLC/UPLC-spectrophotometry in the MTT-reduction assay. <i>Toxicology in Vitro</i> , 2016 , 33, 105-17	3.6	13
28	Multi-laboratory evaluation of SkinEthic HCE test method for testing serious eye damage/eye irritation using solid chemicals and overall performance of the test method with regard to solid and liquid chemicals testing. <i>Toxicology in Vitro</i> , 2016 , 34, 55-70	3.6	19
27	Use of HPLC/UPLC-spectrophotometry for detection of formazan in in vitro Reconstructed human Tissue (RhT)-based test methods employing the MTT-reduction assay to expand their applicability to strongly coloured test chemicals. <i>Toxicology in Vitro</i> , 2015 , 29, 741-61	3.6	20
26	An integrated testing strategy for in vitro skin corrosion and irritation assessment using SkinEthic [®] Reconstructed Human Epidermis. <i>Toxicology in Vitro</i> , 2015 , 29, 1779-92	3.6	17
25	The Myeloid U937 Skin Sensitization Test (U-SENS) addresses the activation of dendritic cell event in the adverse outcome pathway for skin sensitization. <i>Toxicology in Vitro</i> , 2015 , 29, 901-16	3.6	117
24	Systematic evaluation of non-animal test methods for skin sensitisation safety assessment. <i>Toxicology in Vitro</i> , 2015 , 29, 259-70	3.6	99

23	Two novel prediction models improve predictions of skin corrosive sub-categories by test methods of OECD Test Guideline No. 431. <i>Toxicology in Vitro</i> , 2015 , 29, 2055-80	3.6	25
22	Prospective multicentre study of the U-SENS test method for skin sensitization testing. <i>Toxicology in Vitro</i> , 2015 , 30, 373-82	3.6	24
21	Retrospective analysis of the Draize test for serious eye damage/eye irritation: importance of understanding the in vivo endpoints under UN GHS/EU CLP for the development and evaluation of in vitro test methods. <i>Archives of Toxicology</i> , 2014 , 88, 701-23	5.8	73
20	Sub-categorisation of skin corrosive chemicals by the EpiSkin®reconstructed human epidermis skin corrosion test method according to UN GHS: revision of OECD Test Guideline 431. <i>Toxicology in Vitro</i> , 2014 , 28, 131-45	3.6	24
19	The usefulness of the validated SkinEthic®RHE test method to identify skin corrosive UN GHS subcategories. <i>Toxicology in Vitro</i> , 2014 , 28, 616-25	3.6	15
18	Categorization of chemicals according to their relative human skin sensitizing potency. <i>Dermatitis</i> , 2014 , 25, 11-21	2.6	125
17	Cosmetics Europe multi-laboratory pre-validation of the EpiOcular®reconstituted human tissue test method for the prediction of eye irritation. <i>Toxicology in Vitro</i> , 2013 , 27, 619-26	3.6	38
16	Skin sensitisation--moving forward with non-animal testing strategies for regulatory purposes in the EU. <i>Regulatory Toxicology and Pharmacology</i> , 2013 , 67, 531-5	3.4	30
15	The importance of understanding drivers of irritation in vivo for selection of chemicals used in the development and evaluation of in vitro eye irritation assays: Cosmetics Europe analysis. <i>Toxicology Letters</i> , 2013 , 221, S162	4.4	3
14	Cosmetics Europe multi-laboratory pre-validation of the SkinEthic®reconstituted human corneal epithelium test method for the prediction of eye irritation. <i>Toxicology in Vitro</i> , 2013 , 27, 1476-88	3.6	29
13	Regulatory assessment of in vitro skin corrosion and irritation data within the European framework: Workshop recommendations. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 62, 393-403	3.4	19
12	Guiding principles for the implementation of non-animal safety assessment approaches for cosmetics: skin sensitisation. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 63, 40-52	3.4	36
11	The 3T3 neutral red uptake phototoxicity test: practical experience and implications for phototoxicity testing--the report of an ECVAM-EFPIA workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2012 , 63, 480-8	3.4	58
10	Reprint of: Characterising hepatic mitochondrial function as a model for systemic toxicity: a commentary. <i>Toxicology</i> , 2012 , 302, e1-4	4.4	
9	Report of the EPAA-ECVAM workshop on the validation of Integrated Testing Strategies (ITS). <i>ATLA Alternatives To Laboratory Animals</i> , 2012 , 40, 175-81	2.1	20
8	Report from the EPAA workshop: in vitro ADME in safety testing used by EPAA industry sectors. <i>Toxicology in Vitro</i> , 2011 , 25, 589-604	3.6	24
7	Computational chemistry, systems biology and toxicology. Harnessing the chemistry of life: revolutionizing toxicology. a commentary. <i>Journal of Applied Toxicology</i> , 2011 , 31, 206-9	4.1	14
6	A proposed eye irritation testing strategy to reduce and replace in vivo studies using Bottom-Up and Top-Down approaches. <i>Toxicology in Vitro</i> , 2010 , 24, 1-9	3.6	151

5	Assessment of the optimized SkinEthic Reconstructed Human Epidermis (RHE) 42 bis skin irritation protocol over 39 test substances. <i>Toxicology in Vitro</i> , 2010 , 24, 245-56	3.6	31
4	A catch-up validation study on reconstructed human epidermis (SkinEthic RHE) for full replacement of the Draize skin irritation test. <i>Toxicology in Vitro</i> , 2010 , 24, 257-66	3.6	77
3	In vitro assessment of eye irritancy using the Reconstructed Human Corneal Epithelial SkinEthic HCE model: application to 435 substances from consumer products industry. <i>Toxicology in Vitro</i> , 2010 , 24, 523-37	3.6	38
2	Barriers to validation: a report by the European Partnership fo Alternative Approaches to Animal Testing (EPAA) Working Group 5. <i>ATLA Alternatives To Laboratory Animals</i> , 2008 , 36, 459-64	2.1	4
1	Prevalidation of a new in vitro reconstituted human cornea model to assess the eye irritating potential of chemicals. <i>Toxicology in Vitro</i> , 2006 , 20, 1-17	3.6	94