

Sandra Verstraelen

List of Publications by Year in descending order

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36
papers

629
citations

623734

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580821

25
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41
all docs

41
docs citations

41
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	The allergic cascade: Review of the most important molecules in the asthmatic lung. <i>Immunology Letters</i> , 2007, 113, 6-18.	2.5	183
2	Cell types involved in allergic asthma and their use in in vitro models to assess respiratory sensitization. <i>Toxicology in Vitro</i> , 2008, 22, 1419-1431.	2.4	66
3	Improvement of the Bovine Corneal Opacity and Permeability (BCOP) assay as an in vitro alternative to the Draize rabbit eye irritation test. <i>Toxicology in Vitro</i> , 2013, 27, 1298-1311.	2.4	30
4	Gene profiles of a human bronchial epithelial cell line after in vitro exposure to respiratory (non-)sensitizing chemicals: Identification of discriminating genetic markers and pathway analysis. <i>Toxicology</i> , 2009, 255, 151-159.	4.2	29
5	Phenotypic and biomarker evaluation of zebrafish larvae as an alternative model to predict mammalian hepatotoxicity. <i>Journal of Applied Toxicology</i> , 2016, 36, 1194-1206.	2.8	27
6	A Novel Exposure System Termed NAVETTA for In Vitro Laminar Flow Electrodeposition of Nanoaerosol and Evaluation of Immune Effects in Human Lung Reporter Cells. <i>Environmental Science & Technology</i> , 2017, 51, 5259-5269.	10.0	23
7	Gene expression profiles reveal distinct immunological responses of cobalt and cerium dioxide nanoparticles in two in vitro lung epithelial cell models. <i>Toxicology Letters</i> , 2014, 228, 157-169.	0.8	22
8	Gene profiles of a human alveolar epithelial cell line after in vitro exposure to respiratory (non-)sensitizing chemicals: Identification of discriminating genetic markers and pathway analysis. <i>Toxicology Letters</i> , 2009, 185, 16-22.	0.8	20
9	Flow cytometric characterisation of antigen presenting dendritic cells after in vitro exposure to diesel exhaust particles. <i>Toxicology in Vitro</i> , 2005, 19, 903-907.	2.4	19
10	Gene expression profiling of in vitro cultured macrophages after exposure to the respiratory sensitizer hexamethylene diisocyanate. <i>Toxicology in Vitro</i> , 2008, 22, 1107-1114.	2.4	19
11	THP-1 monocytes but not macrophages as a potential alternative for CD34+ dendritic cells to identify chemical skin sensitizers. <i>Toxicology and Applied Pharmacology</i> , 2009, 236, 221-230.	2.8	19
12	CON4EI: Selection of the reference chemicals for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2017, 44, 44-48.	2.4	15
13	CON4EI: EpiOcular [®] , Eye Irritation Test (EpiOcular [®] , EIT) for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018, 49, 21-33.	2.4	15
14	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.	2.4	15
15	Gene profiles of THP-1 macrophages after in vitro exposure to respiratory (non-)sensitizing chemicals: Identification of discriminating genetic markers and pathway analysis. <i>Toxicology in Vitro</i> , 2009, 23, 1151-1162.	2.4	14
16	Respiratory sensitization: Advances in assessing the risk of respiratory inflammation and irritation. <i>Toxicology in Vitro</i> , 2011, 25, 1251-1258.	2.4	13
17	Gene expressions changes in bronchial epithelial cells: Markers for respiratory sensitizers and exploration of the NRF2 pathway. <i>Toxicology in Vitro</i> , 2014, 28, 209-217.	2.4	13
18	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.	2.4	13

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19	CON4EI: CONsortium for in vitro Eye Irritation testing strategy - EpiOcular [®] , [†] time-to-toxicity (EpiOcular ET-50) protocols for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018, 49, 34-52.	2.4	13
20	Genotoxic and mutagenic potential of nitramines. <i>Environmental Research</i> , 2014, 134, 39-45.	7.5	12
21	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.	2.4	10
22	CON4EI: SkinEthic [®] , [‡] Human Corneal Epithelium Eye Irritation Test (SkinEthic [®] , [‡] HCE EIT) for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018, 49, 11-20.	2.4	10
23	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.	2.4	9
24	CON4EI: Evaluation of QSAR models for hazard identification and labelling of eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018, 49, 90-98.	2.4	6
25	CON4EI: Development of serious eye damage and eye irritation testing strategies with respect to the requirements of the UN GHS/EU CLP hazard categories. <i>Toxicology in Vitro</i> , 2018, 49, 2-5.	2.4	5
26	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.	2.4	4
27	CON4EI: Slug Mucosal Irritation (SMI) test method for hazard identification and labelling of serious eye damaging and eye irritating chemicals. <i>Toxicology in Vitro</i> , 2018, 49, 77-89.	2.4	3
28	Alternative air-liquid interface method for inhalation toxicity testing of a petroleum-derived substance. <i>MethodsX</i> , 2020, 7, 101088.	1.6	1
29	Chemical Sensitization and Allergotoxicology. <i>Exs</i> , 2012, 101, 289-314.	1.4	1
30	Cell-based in vitro alternatives to predict the contact and respiratory sensitizing potential of chemicals. <i>Toxicology Letters</i> , 2009, 189, S26.	0.8	0
31	Impact of engineered nanoparticles on immune-related genes and processes in human alveolar epithelial cells. <i>Toxicology Letters</i> , 2009, 189, S186.	0.8	0
32	Development of an alternative testing strategy for the fish early life stage test for predicting chronic toxicity. <i>Toxicology Letters</i> , 2013, 221, S104.	0.8	0
33	Shape-dependent impact of gold nanoparticles on differentiating human dendritic cells. <i>Toxicology Letters</i> , 2017, 280, S312-S313.	0.8	0
34	CON4EI: SkinEthic Human Corneal Epithelial Eye irritation Test (SkinEthic HCE EIT) for hazard identification and labelling of eye irritating chemicals. <i>Toxicology Letters</i> , 2017, 280, S154-S155.	0.8	0
35	CON4EI: CONsortium for in vitro Eye Irritation testing strategy. <i>Toxicology in Vitro</i> , 2018, 49, 1.	2.4	0
36	Laser Light-Based Opacimeter "Peira LLBO 180"™: A new and validated opacimeter for use in the Bovine Corneal Opacity and Permeability (BCOP) eye irritation test method. <i>MethodsX</i> , 2020, 7, 101085.	1.6	0