

Andrea-Nicole Richarz

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.

27
papers

825
citations

15
h-index

28
g-index

34
ext. papers

987
ext. citations

3.3
avg, IF

3.95
L-index

#	Paper	IF	Citations
27	In silico toxicology protocols. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 96, 1-17	3.4	104
26	Toward Good Read-Across Practice (GRAP) guidance. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016 , 33, 149-66	4.3	98
25	Species analysis of metallothionein isoforms in human brain cytosols by use of capillary electrophoresis hyphenated to inductively coupled plasma-sector field mass spectrometry. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 371, 764-74		80
24	Regulatory assessment and risk management of chemical mixtures: challenges and ways forward. <i>Critical Reviews in Toxicology</i> , 2019 , 49, 174-189	5.7	68
23	Principles underpinning the use of new methodologies in the risk assessment of cosmetic ingredients. <i>Computational Toxicology</i> , 2018 , 7, 20-26	3.1	56
22	Speciation analysis of trace elements in the brains of individuals with Alzheimer's disease with special emphasis on metallothioneins. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 372, 412-7	4.4	46
21	Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. <i>Computational Toxicology</i> , 2017 , 4, 31-44	3.1	45
20	Quantitative structure-skin permeability relationships. <i>Toxicology</i> , 2017 , 387, 27-42	4.4	45
19	Genetic toxicology in silico protocol. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 107, 104403	3.4	41
18	Assessing uncertainty in read-across: Questions to evaluate toxicity predictions based on knowledge gained from case studies. <i>Computational Toxicology</i> , 2019 , 9, 1-11	3.1	34
17	CZE-ICP-MS separation of metallothioneins in human brain cytosols: comparability of electropherograms obtained from different sample matrices. <i>Analyst, The</i> , 2003 , 128, 576-80	5	29
16	An ISA-TAB-Nano based data collection framework to support data-driven modelling of nanotoxicology. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1978-99	3	23
15	Identification and description of the uncertainty, variability, bias and influence in quantitative structure-activity relationships (QSARs) for toxicity prediction. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 106, 90-104	3.4	20
14	Prediction of Organ Level Toxicity: Linking Chemistry to Adverse Effects. <i>Toxicological Research</i> , 2017 , 33, 173-182	3.7	20
13	Development of computational models for the prediction of the toxicity of nanomaterials. <i>Perspectives in Science</i> , 2015 , 3, 27-29	0.8	17
12	Read-across of 90-day rat oral repeated-dose toxicity: A case study for selected 2-alkyl-1-alkanols. <i>Computational Toxicology</i> , 2017 , 2, 28-38	3.1	15
11	Grouping of multi-walled carbon nanotubes to read-across genotoxicity: A case study to evaluate the applicability of regulatory guidance. <i>Computational Toxicology</i> , 2019 , 9, 22-35	3.1	15

10	Determination of protein-bound trace elements in human cell cytosols of different organs and different pathological states. <i>Analyst, The</i> , 2003 , 128, 640-5	5	14
9	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	3.6	13
8	Artificial Intelligence for chemical risk assessment. <i>Computational Toxicology</i> , 2020 , 13, 100114	3.1	12
7	Exploring current read-across applications and needs among selected U.S. Federal Agencies. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 106, 197-209	3.4	11
6	Automated workflows for modelling chemical fate, kinetics and toxicity. <i>Toxicology in Vitro</i> , 2017 , 45, 249-257	3.6	9
5	Compilation of Data and Modelling of Nanoparticle Interactions and Toxicity in the NanoPUZZLES Project. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 947, 303-324	3.6	4
4	CHAPTER 12:Role of Toxicological Big Data to Support Read-across for the Assessment of Chemicals. <i>Issues in Toxicology</i> , 2019 , 359-384	0.3	
3	Modeling of Nanomaterials for Safety Assessment: From Regulatory Requirements to Supporting Scientific Theories 2019 , 1-97		
2	Read-Across to Fill Toxicological Data Gaps: Good Practice to Ensure Success with Nanoparticles 2019 , 381-400		
1	Current Developments and Recommendations in Computational Nanotoxicology in View of Regulatory Applications 2019 , 99-155		