Alexandra Maertens

List of Publications by Year
in descending order

27 papers	1,047 citations	361045 20 h-index	500791 28 g-index
28 all docs	28 docs citations	28 times ranked	1393 citing authors

#	Article	IF	Citations
1	Toward Good Read-Across Practice (GRAP) guidance. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 149-166.	0.9	134
2	Integrated testing strategies for safety assessments. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 3-18.	0.9	133
3	Analysis of Draize eye irritation testing and its prediction by mining publicly available 2008-2014 REACH data. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 123-34.	0.9	67
4	Genetic variability in a frozen batch of MCF-7 cells invisible in routine authentication affecting cell function. Scientific Reports, 2016, 6, 28994.	1.6	67
5	The Human Toxome Project. ALTEX: Alternatives To Animal Experimentation, 2015, 32, 112-124.	0.9	52
6	Global analysis of publicly available safety data for 9,801 substances registered under REACH from 2008-2014. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 95-109.	0.9	49
7	The exposome â€" a new approach for risk assessment. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 3-23.	0.9	45
8	Weighted Gene Correlation Network Analysis (WGCNA) Reveals Novel Transcription Factors Associated With Bisphenol A Dose-Response. Frontiers in Genetics, 2018, 9, 508.	1.1	43
9	Analysis of publically available skin sensitization data from REACH registrations 2008-2014. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 135-48.	0.9	43
10	Green Toxicology. ALTEX: Alternatives To Animal Experimentation, 2014, 31, 243-249.	0.9	42
11	Avoiding Regrettable Substitutions: Green Toxicology for Sustainable Chemistry. ACS Sustainable Chemistry and Engineering, 2021, 9, 7749-7758.	3.2	38
12	Organophosphorus flame retardants are developmental neurotoxicants in a rat primary brainsphere in vitro model. Archives of Toxicology, 2021, 95, 207-228.	1.9	35
13	MPTPâ€™s Pathway of Toxicity Indicates Central Role of Transcription Factor SP1. Archives of Toxicology, 2015, 89, 743-755.	1.9	33
14	Analysis of public oral toxicity data from REACH registrations 2008-2014. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 111-22.	0.9	32
15	Probabilistic hazard assessment for skin sensitization potency by doseâ€"response modeling using feature elimination instead of quantitative structureâ€"activity relationships. Journal of Applied Toxicology, 2015, 35, 1361-1371.	1.4	30
16	Quality assurance of metabolomics. ALTEX: Alternatives To Animal Experimentation, 2015, 32, 319-326.	0.9	30
17	Probabilistic risk assessment â€" the keystone for the future of toxicology. ALTEX: Alternatives To Animal Experimentation, 2022, 39, 3-29.	0.9	28
18	Toxicity, recovery, and resilience in a 3D dopaminergic neuronal in vitro model exposed to rotenone. Archives of Toxicology, 2018, 92, 2587-2606.	1.9	27

#	Article	IF	Citations
19	Green Toxicologyâ€"Know Early About and Avoid Toxic Product Liabilities. Toxicological Sciences, 2018, 161, 285-289.	1.4	25
20	Information-dependent enrichment analysis reveals time-dependent transcriptional regulation of the estrogen pathway of toxicity. Archives of Toxicology, 2017, 91, 1749-1762.	1.9	24
21	Functionally Enigmatic Genes in Cancer: Using TCGA Data to Map the Limitations of Annotations. Scientific Reports, 2020, 10, 4106.	1.6	14
22	Metabolomic network analysis of estrogen-stimulated MCF-7 cells: a comparison of overrepresentation analysis, quantitative enrichment analysis and pathway analysis versus metabolite network analysis. Archives of Toxicology, 2017, 91, 217-230.	1.9	13
23	Evaluation of the global performance of eight in silico skin sensitization models using human data. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 33-48.	0.9	12
24	Mapping Chemical Respiratory Sensitization: How Useful Are Our Current Computational Tools?. Chemical Research in Toxicology, 2021, 34, 473-482.	1.7	11
25	Adaptation of the Systematic Review Framework to the Assessment of Toxicological Test Methods: Challenges and Lessons Learned With the Zebrafish Embryotoxicity Test. Toxicological Sciences, 2019, 171, 56-68.	1.4	9
26	Similarities and Differences in Gene Expression Networks Between the Breast Cancer Cell Line Michigan Cancer Foundation-7 and Invasive Human Breast Cancer Tissues. Frontiers in Artificial Intelligence, 2021, 4, 674370.	2.0	6
27	Two Good Read-across Practice workshops. Making it work for you!. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 324-326.	0.9	3