

# CITATION REPORT

List of articles citing

**Combined Use of MC4PC, MDL-QSAR, BioEpisteme, Leadscope PDM, and Derek for Windows Software to Achieve High-Performance, High-Confidence, Mode of Action-Based Predictions of Chemical Carcinogenesis in Rodents**

**DOI: 10.1080/15376510701857379**

**Toxicology Mechanisms and Methods, 2008, 18, 189-206.**

**Source:** <https://exaly.com/paper-pdf/44288212/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
73	Tools for evidence-based toxicology: computational-based strategies as a viable modality for decision support in chemical safety evaluation and risk assessment. <i>Human and Experimental Toxicology</i> , <b>2008</b> , 27, 757-60	3.4	18
72	Computational toxicology approaches at the US Food and Drug Administration. <i>ATLA Alternatives To Laboratory Animals</i> , <b>2009</b> , 37, 523-31	2.1	28
71	QSAR models for P450 (2D6) substrate activity. <i>SAR and QSAR in Environmental Research</i> , <b>2009</b> , 20, 309-255		8
70	Identification of structure-activity relationships for adverse effects of pharmaceuticals in humans. Part A: use of FDA post-market reports to create a database of hepatobiliary and urinary tract toxicities. <i>Regulatory Toxicology and Pharmacology</i> , <b>2009</b> , 54, 1-22	3.4	43
69	Identification of structure-activity relationships for adverse effects of pharmaceuticals in humans: Part C: use of QSAR and an expert system for the estimation of the mechanism of action of drug-induced hepatobiliary and urinary tract toxicities. <i>Regulatory Toxicology and Pharmacology</i> , <b>2009</b> , 54, 12-21	3.4	36
68	Identification of structure-activity relationships for adverse effects of pharmaceuticals in humans: Part B. Use of (Q)SAR systems for early detection of drug-induced hepatobiliary and urinary tract toxicities. <i>Regulatory Toxicology and Pharmacology</i> , <b>2009</b> , 54, 23-42	3.4	61
67	Formation of Structural Categories to Allow for Read-Across for Teratogenicity. <i>QSAR and Combinatorial Science</i> , <b>2009</b> , 28, 696-708		38
66	Computational toxicology: an overview of the sources of data and of modelling methods. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2009</b> , 5, 1-14	5.5	43
65	Genetic Toxicity: In Vitro Approaches for Hit and Lead Profiling. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2009</b> , 241-271	0.4	
64	Onchidal and Fasciculins. <b>2009</b> , 143-152		0
63	Applicability of QSAR analysis to the evaluation of the toxicological relevance of metabolites and degradates of pesticide active substances for dietary risk assessment. <i>EFSA Supporting Publications</i> , <b>2010</b> , 7, 50E	1.1	6
62	Some Trends in Chem(o)informatics. <i>Methods in Molecular Biology</i> , <b>2011</b> , 672, 1-37	1.4	15
61	Statistical molecular design of a focused salicylidene acylhydrazide library and multivariate QSAR of inhibition of type III secretion in the Gram-negative bacterium <i>Yersinia</i> . <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 2686-703	3.4	56
60	Prediction of drug-related cardiac adverse effects in humans--B: use of QSAR programs for early detection of drug-induced cardiac toxicities. <i>Regulatory Toxicology and Pharmacology</i> , <b>2010</b> , 56, 276-89	3.4	44
59	In silico approaches to predicting cancer potency for risk assessment of genotoxic impurities in drug substances. <i>Regulatory Toxicology and Pharmacology</i> , <b>2010</b> , 57, 300-6	3.4	26
58	Using In Silico Tools in a Weight of Evidence Approach to Aid Toxicological Assessment. <i>Molecular Informatics</i> , <b>2010</b> , 29, 97-110	3.8	24
57	Testing computational toxicology models with phytochemicals. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 186-94	5.9	13

56	Forced degradation of fentanyl: identification and analysis of impurities and degradants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 325-34	3.5	35
55	Contributions. <b>2010</b> , 38-159		1
54	Genetic Toxicity: In Vitro Approaches for Medicinal Chemists. <b>2010</b> , 315-352		
53	Computational science in drug metabolism and toxicology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2010</b> , 6, 781-4	5.5	9
52	Regulatory use of computational toxicology tools and databases at the United States Food and Drug Administration's Office of Food Additive Safety. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2010</b> , 6, 793-6	5.5	19
51	A structural feature-based computational approach for toxicology predictions. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2010</b> , 6, 505-18	5.5	25
50	Challenges for computational structure-activity modelling for predicting chemical toxicity: future improvements?. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2011</b> , 7, 1129-40	5.5	13
49	Cheminformatics and Computational Chemical Biology. <i>Methods in Molecular Biology</i> , <b>2011</b> ,	1.4	6
48	Screening Informatics and Cheminformatics. 137-156		
47	. <b>2011</b> ,		13
46	Predicting in vivo safety characteristics using physicochemical properties and in vitro assays. <i>Future Medicinal Chemistry</i> , <b>2011</b> , 3, 1503-11	4.1	8
45	Computational analysis for hepatic safety signals of constituents present in botanical extracts widely used by women in the United States for treatment of menopausal symptoms. <i>Regulatory Toxicology and Pharmacology</i> , <b>2011</b> , 59, 111-24	3.4	13
44	Improved in silico prediction of carcinogenic potency (TD50) and the risk specific dose (RSD) adjusted Threshold of Toxicological Concern (TTC) for genotoxic chemicals and pharmaceutical impurities. <i>Regulatory Toxicology and Pharmacology</i> , <b>2011</b> , 59, 133-41	3.4	15
43	Use of computational tools in the field of food safety. <i>Regulatory Toxicology and Pharmacology</i> , <b>2011</b> , 60, 354-62	3.4	11
42	Overall impact of the regulatory requirements for genotoxic impurities on the drug development process. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 43, 1-15	5.1	32
41	Alternative (non-animal) methods for cosmetics testing: current status and future prospects-2010. <i>Archives of Toxicology</i> , <b>2011</b> , 85, 367-485	5.8	398
40	Genetic toxicology in the 21st century: reflections and future directions. <i>Environmental and Molecular Mutagenesis</i> , <b>2011</b> , 52, 339-54	3.2	74
39	Carcinogenesis: Mechanisms and models. <b>2012</b> , 406-425		1

38	3,5-dibenzoyloxy-4-Hydroxystilbene induces early caspase-9 activation during apoptosis in human K562 chronic myelogenous leukemia cells. <i>Journal of Toxicological Sciences</i> , <b>2012</b> , 37, 13-21	1.9	13
37	Construction and Consensus Performance of (Q)SAR Models for Predicting Phospholipidosis Using a Dataset of 743 Compounds. <i>Molecular Informatics</i> , <b>2012</b> , 31, 725-39	3.8	28
36	Chemoinformatics and chemical genomics: potential utility of in silico methods. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 880-9	4.1	21
35	(Q)SAR modeling and safety assessment in regulatory review. <i>Clinical Pharmacology and Therapeutics</i> , <b>2012</b> , 91, 529-34	6.1	56
34	In silico methods for toxicity prediction. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 745, 96-116	6.6	16
33	Role of in silico genotoxicity tools in the regulatory assessment of pharmaceutical impurities. <i>SAR and QSAR in Environmental Research</i> , <b>2012</b> , 23, 257-77	3.5	19
32	In silico methods combined with expert knowledge rule out mutagenic potential of pharmaceutical impurities: an industry survey. <i>Regulatory Toxicology and Pharmacology</i> , <b>2012</b> , 62, 449-55	3.4	70
31	An expert system to predict the forced degradation of organic molecules. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 2962-74	5.6	32
30	In Silico Methods. <b>2013</b> , 1273-1296		7
29	Predictive computational toxicology to support drug safety assessment. <i>Methods in Molecular Biology</i> , <b>2013</b> , 930, 341-54	1.4	8
28	Content Development Strategies for the Successful Implementation of Data Mining Technologies. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2013</b> , 209-240	0.4	
27	Computational Translation and Integration of Test Data to Meet Risk Assessment Goals. <b>2013</b> , 85-112		
26	Computational Toxicology Experience and Applications for Risk Assessment in the Pharmaceutical Industry. <b>2013</b> , 171-193		
25	Chemoinformatics. <b>2014</b> , 123-156		2
24	Infant toxicology: state of the science and considerations in evaluation of safety. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 70, 68-83	4.7	24
23	Comparison of criteria used to assess carcinogenicity in CPANN QSAR models versus the knowledge-based expert system Toxtree. <i>SAR and QSAR in Environmental Research</i> , <b>2014</b> , 25, 423-41	3.5	5
22	On the use of in silico tools for prioritising toxicity testing of the low-volume industrial chemicals in REACH. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2014</b> , 115, 77-87	3.1	8
21	Identification, control strategies, and analytical approaches for the determination of potential genotoxic impurities in pharmaceuticals: a comprehensive review. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 764-79	3.4	43

20	Large-Scale Predictive Drug Safety: From Structural Alerts to Biological Mechanisms. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 1875-87	4	37
19	The History and Development of Quantitative Structure-Activity Relationships (QSARs). <i>International Journal of Quantitative Structure-Property Relationships</i> , <b>2016</b> , 1, 1-44	1.2	84
18	An ensemble model of QSAR tools for regulatory risk assessment. <i>Journal of Cheminformatics</i> , <b>2016</b> , 8, 48	8.6	35
17	Prediction of Estrogenic Bioactivity of Environmental Chemical Metabolites. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 1410-27	4	24
16	Comparative evaluation of 11 in silico models for the prediction of small molecule mutagenicity: role of steric hindrance and electron-withdrawing groups. <i>Toxicology Mechanisms and Methods</i> , <b>2017</b> , 27, 24-35	3.6	7
15	Predictive Toxicology: Latest Scientific Developments and Their Application in Safety Assessment. <b>2017</b> , 94-115		2
14	Applications of Chemoinformatics in Predictive Toxicology for Regulatory Purposes, Especially in the Context of the EU REACH Legislation. <i>International Journal of Quantitative Structure-Property Relationships</i> , <b>2018</b> , 3, 1-24	1.2	10
13	New Semi-Automated Computer-Based System for Assessing the Purge of Mutagenic Impurities. <i>Organic Process Research and Development</i> , <b>2019</b> , 23, 2470-2481	3.9	10
12	Using Machine Learning To Inform Decisions in Drug Discovery: An Industry Perspective. <i>ACS Symposium Series</i> , <b>2019</b> , 81-101	0.4	
11	In silico scaling and prioritization of chemical disposition and chemical toxicity of 15,145 organic chemicals. <i>Computational Toxicology</i> , <b>2019</b> , 9, 100-132	3.1	3
10	BRADSHAW: a system for automated molecular design. <i>Journal of Computer-Aided Molecular Design</i> , <b>2020</b> , 34, 747-765	4.2	17
9	QSAR/QSPR models based on quantum chemistry for risk assessment of pesticides according to current European legislation. <i>SAR and QSAR in Environmental Research</i> , <b>2020</b> , 31, 49-72	3.5	17
8	Quantitative weight of evidence method for combining predictions of quantitative structure-activity relationship models. <i>SAR and QSAR in Environmental Research</i> , <b>2020</b> , 31, 261-279	3.5	1
7	Prediction of Harmful Human Health Effects of Chemicals from Structure. <i>Challenges and Advances in Computational Chemistry and Physics</i> , <b>2010</b> , 305-325	0.7	5
6	Computational Toxicology in Drug Discovery: Opportunities and Limitations. <i>Challenges and Advances in Computational Chemistry and Physics</i> , <b>2014</b> , 325-367	0.7	4
5	Chapter 19:Expert Systems for Toxicity Prediction. <i>Issues in Toxicology</i> , <b>2010</b> , 478-507	0.3	4
4	Chapter 24:Using In Silico Toxicity Predictions: Case Studies for Skin Sensitisation. <i>Issues in Toxicology</i> , <b>2010</b> , 606-623	0.3	1
3	The History and Development of Quantitative Structure-Activity Relationships (QSARs). <b>2017</b> , 67-117		14

2 MultiCASE Platform for In Silico Toxicology.. *Methods in Molecular Biology*, **2022**, 2425, 497-518 1.4

1 Mutagenic Impurities [Assessment of Fate and Control Options. **2021**, 233-268