

Andrew P Worth

List of Publications by Year in descending order

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172
papers

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192
docs citations

192
times ranked

10498
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Physiologically-Based Pharmacokinetic Models for Forensic Science. <i>Toxics</i> , 2023, 11, 126.	3.8	4
2	Towards a future regulatory framework for chemicals in the European Union â€“ Chemicals 2.0. <i>Regulatory Toxicology and Pharmacology</i> , 2023, 142, 105431.	2.8	3
3	Towards a qAOP framework for predictive toxicology - Linking data to decisions. <i>Computational Toxicology</i> , 2022, 21, 100195.	3.4	19
4	Will qAOPs modernise toxicology?. <i>Computational Toxicology</i> , 2022, 21, 100199.	3.4	1
5	A matter of trust: Learning lessons about causality will make qAOPs credible. <i>Computational Toxicology</i> , 2022, 21, 100205.	3.4	6
6	Extension of the Virtual Cell Based Assay from a 2-D to a 3-D Cell Culture Model. <i>ATLA Alternatives To Laboratory Animals</i> , 2022, 50, 45-56.	1.4	2
7	In Silico Models for Predicting Acute Systemic Toxicity. <i>Methods in Molecular Biology</i> , 2022, 2425, 259-289.	0.0	5
8	Probabilistic modelling of developmental neurotoxicity based on a simplified adverse outcome pathway network. <i>Computational Toxicology</i> , 2022, 21, 100206.	3.4	17
9	Translatability and transferability of in silico models: Context of use switching to predict the effects of environmental chemicals on the immune system. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1764-1777.	4.2	12
10	Editorial: Advances and Refinements in the Development and Application of Threshold of Toxicological Concern. <i>Frontiers in Toxicology</i> , 2022, 4, 882321.	3.1	1
11	Use of New Approach Methodologies (NAMs) in regulatory decisions for chemical safety: Report from an EPAA Deep Dive Workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 135, 105261.	2.8	39
12	A scheme to evaluate structural alerts to predict toxicity â€“ Assessing confidence by characterising uncertainties. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 135, 105249.	2.8	7
13	The role of validation in establishing the scientific credibility of predictive toxicology approaches intended for regulatory application. <i>Computational Toxicology</i> , 2021, 17, 100144.	3.4	24
14	Integration of data across toxicity endpoints for improved safety assessment of chemicals: the example of carcinogenicity assessment. <i>Archives of Toxicology</i> , 2021, 95, 1971-1993.	4.3	16
15	Current EU regulatory requirements for the assessment of chemicals and cosmetic products: challenges and opportunities for introducing new approach methodologies. <i>Archives of Toxicology</i> , 2021, 95, 1867-1897.	4.3	64
16	Assessment of the predictive capacity of a physiologically based kinetic model using a read-across approach. <i>Computational Toxicology</i> , 2021, 18, 100159.	3.4	21
17	Gaining acceptance in next generation PBK modelling approaches for regulatory assessments â€“ An OECD international effort. <i>Computational Toxicology</i> , 2021, 18, 100163.	3.4	17
18	COSMOS next generation â€“ A public knowledge base leveraging chemical and biological data to support the regulatory assessment of chemicals. <i>Computational Toxicology</i> , 2021, 19, 100175.	3.4	16

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19	Combining in vitro assays and mathematical modelling to study developmental neurotoxicity induced by chemical mixtures. <i>Reproductive Toxicology</i> , 2021, 105, 101-119.	3.1	21
20	Settling dynamics of nanoparticles in simple and biological media. <i>Royal Society Open Science</i> , 2021, 8, 210068.	2.5	13
21	Artificial Intelligence for chemical risk assessment. <i>Computational Toxicology</i> , 2020, 13, 100114.	3.4	27
22	Physiologically based kinetic (PBK) modelling and human biomonitoring data for mixture risk assessment. <i>Environment International</i> , 2020, 143, 105978.	10.1	26
23	Optimising testing strategies for classification of human health and environmental hazards – A proof-of-concept study. <i>Toxicology Letters</i> , 2020, 335, 64-70.	1.3	1
24	Quantitative adverse outcome pathway (qAOP) models for toxicity prediction. <i>Archives of Toxicology</i> , 2020, 94, 1497-1510.	4.3	71
25	Computational modelling for the sustainable management of chemicals. <i>Computational Toxicology</i> , 2020, 14, 100122.	3.4	11
26	Assessment of developmental neurotoxicity induced by chemical mixtures using an adverse outcome pathway concept. <i>Environmental Health</i> , 2020, 19, 23.	4.2	71
27	The way forward for assessing the human health safety of cosmetics in the EU - Workshop proceedings. <i>Toxicology</i> , 2020, 436, 152421.	4.3	38
28	Making better use of toxicity studies for human health by extrapolating across endpoints. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 519-531.	1.3	2
29	Application of new statistical distribution approaches for environmental mixture risk assessment: A case study. <i>Science of the Total Environment</i> , 2019, 693, 133510.	8.2	24
30	Development and analysis of an adverse outcome pathway network for human neurotoxicity. <i>Archives of Toxicology</i> , 2019, 93, 2759-2772.	4.3	65
31	The influence of inter-particle forces on diffusion at the nanoscale. <i>Scientific Reports</i> , 2019, 9, 12689.	3.4	39
32	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.	3.4	21
33	Challenges in working towards an internal threshold of toxicological concern (iTTC) for use in the safety assessment of cosmetics: Discussions from the Cosmetics Europe iTTC Working Group workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 103, 63-72.	2.8	31
34	Unlocking the potential of in silico chemical safety assessment – A report on a cross-sector symposium on current opportunities and future challenges. <i>Computational Toxicology</i> , 2019, 10, 38-43.	3.4	23
35	Validation of in vitro methods for human cytochrome P450 enzyme induction: Outcome of a multi-laboratory study. <i>Toxicology in Vitro</i> , 2019, 60, 212-228.	2.5	40
36	Carcinogenicity assessment: Addressing the challenges of cancer and chemicals in the environment. <i>Environment International</i> , 2019, 128, 417-429.	10.1	78

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37	Membrane transporter data to support kinetically-informed chemical risk assessment using non-animal methods: Scientific and regulatory perspectives. <i>Environment International</i> , 2019, 126, 659-671.	10.1	21
38	Regulatory assessment and risk management of chemical mixtures: challenges and ways forward. <i>Critical Reviews in Toxicology</i> , 2019, 49, 174-189.	3.9	151
39	Advances in the prediction of gastrointestinal absorption: Quantitative Structure-Activity Relationship (QSAR) modelling of PAMPA permeability. <i>Computational Toxicology</i> , 2019, 10, 51-59.	3.4	13
40	The future of in silico chemical safety and beyond. <i>Computational Toxicology</i> , 2019, 10, 60-62.	3.4	9
41	The Role of ECVAM. , 2019, , 95-107.		1
42	Involvement of the Organisation for Economic Cooperation and Development. , 2019, , 147-154.		1
43	Integrated Approaches to Testing and Assessment. , 2019, , 301-306.		1
44	The Validation of Alternative Test Methods. , 2019, , 307-314.		5
45	Alternative Toxicity Test Methods. , 2019, , 317-323.		9
46	Types of Toxicity and Applications of Toxicity Testing. , 2019, , 7-10.		1
47	Alternative Approaches for the Assessment of Chemicals in Food. , 2019, , 185-195.		1
48	Role of Physiologically Based Kinetic modelling in addressing environmental chemical mixtures – A review. <i>Computational Toxicology</i> , 2019, 10, 158-168.	3.4	16
49	Investigating cell type specific mechanisms contributing to acute oral toxicity. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 39-64.	1.3	23
50	Insights into in vitro biokinetics using Virtual Cell Based Assay simulations. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 447-461.	1.3	6
51	Strategies to improve the regulatory assessment of developmental neurotoxicity (DNT) using in vitro methods. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 7-18.	2.9	111
52	Capturing the applicability of in vitro-in silico membrane transporter data in chemical risk assessment and biomedical research. <i>Science of the Total Environment</i> , 2018, 645, 97-108.	8.2	16
53	Establishing a systematic framework to characterise in vitro methods for human hepatic metabolic clearance. <i>Toxicology in Vitro</i> , 2018, 53, 233-244.	2.5	18
54	The application of molecular modelling in the safety assessment of chemicals: A case study on ligand-dependent PPAR γ dysregulation. <i>Toxicology</i> , 2017, 392, 140-154.	4.3	21

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55	Multiscale modelling approaches for assessing cosmetic ingredients safety. <i>Toxicology</i> , 2017, 392, 130-139.	4.3	26
56	The virtual cell based assay: Current status and future perspectives. <i>Toxicology in Vitro</i> , 2017, 45, 258-267.	2.5	10
57	The margin of internal exposure (MOIE) concept for dermal risk assessment based on oral toxicity data – A case study with caffeine. <i>Toxicology</i> , 2017, 392, 119-129.	4.3	29
58	Automated workflows for modelling chemical fate, kinetics and toxicity. <i>Toxicology in Vitro</i> , 2017, 45, 249-257.	2.5	9
59	Applying 'omics technologies in chemicals risk assessment: Report of an ECETOC workshop. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, S3-S13.	2.8	104
60	Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. <i>Computational Toxicology</i> , 2017, 4, 31-44.	3.4	82
61	Dedication to Dr J.M. Zaldivar Comenges (1958–2012). <i>Toxicology in Vitro</i> , 2017, 45, 207-208.	2.5	0
62	Thresholds of Toxicological Concern for cosmetics-related substances: New database, thresholds, and enrichment of chemical space. <i>Food and Chemical Toxicology</i> , 2017, 109, 170-193.	3.7	111
63	Investigating the state of physiologically based kinetic modelling practices and challenges associated with gaining regulatory acceptance of model applications. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 90, 104-115.	2.8	43
64	Virtual Cell Based Assay simulations of intra-mitochondrial concentrations in hepatocytes and cardiomyocytes. <i>Toxicology in Vitro</i> , 2017, 45, 222-232.	2.5	8
65	Quantitative structure-skin permeability relationships. <i>Toxicology</i> , 2017, 387, 27-42.	4.3	72
66	From in vitro to in vivo: Integration of the virtual cell based assay with physiologically based kinetic modelling. <i>Toxicology in Vitro</i> , 2017, 45, 241-248.	2.5	17
67	The Adverse Outcome Pathway approach in nanotoxicology. <i>Computational Toxicology</i> , 2017, 1, 3-11.	3.4	87
68	Evaluation of Non-animal Methods for Assessing Skin Sensitisation Hazard: A Bayesian Value-of-Information Analysis. <i>ATLA Alternatives To Laboratory Animals</i> , 2016, 44, 255-269.	1.4	5
69	CERAPP: Collaborative Estrogen Receptor Activity Prediction Project. <i>Environmental Health Perspectives</i> , 2016, 124, 1023-1033.	8.2	278
70	Waiving chronic fish tests: possible use of acute-to-chronic relationships and interspecies correlations. <i>Toxicological and Environmental Chemistry</i> , 2016, , 1-23.	1.3	12
71	Analysis of the Local Lymph Node Assay (LLNA) variability for assessing the prediction of skin sensitisation potential and potency of chemicals with non-animal approaches. <i>Toxicology in Vitro</i> , 2016, 34, 220-228.	2.5	44
72	Regulatory assessment of chemical mixtures: Requirements, current approaches and future perspectives. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 321-334.	2.8	192

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73	Validation of Computational Methods. <i>Advances in Experimental Medicine and Biology</i> , 2016, 856, 165-187.	0.0	14
74	Can currently available non-animal methods detect pre and pro-haptens relevant for skin sensitization?. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 82, 147-155.	2.8	49
75	In Silico Models for Acute Systemic Toxicity. <i>Methods in Molecular Biology</i> , 2016, 1425, 177-200.	0.0	7
76	Integrated Approaches to Testing and Assessment. <i>Advances in Experimental Medicine and Biology</i> , 2016, 856, 317-342.	0.0	17
77	Chemical Safety Assessment Using Read-Across: Assessing the Use of Novel Testing Methods to Strengthen the Evidence Base for Decision Making. <i>Environmental Health Perspectives</i> , 2015, 123, 1232-1240.	8.2	93
78	New Publicly Available Chemical Query Language, CSRML, To Support Chemotype Representations for Application to Data Mining and Modeling. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 510-528.	5.7	191
79	Review of the Availability of <i>In Vitro</i> and <i>In Silico</i> Methods for Assessing Dermal Bioavailability. <i>Applied in Vitro Toxicology</i> , 2015, 1, 147-164.	1.4	39
80	Alternatives for skin sensitisation: Hazard identification and potency categorisation: Report from an EPA/CEC/COSMOS Europe cross sector workshop, ECHA Helsinki, April 23rd and 24th 2015. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 660-666.	2.8	24
81	A rule for designing safer nanomaterials: do not interfere with the cellular redox equilibrium. <i>Nanotoxicology</i> , 2015, 9, 116-117.	3.0	26
82	A Tutorial for Analysing the Cost-effectiveness of Alternative Methods for Assessing Chemical Toxicity: The Case of Acute Oral Toxicity Prediction. <i>ATLA Alternatives To Laboratory Animals</i> , 2014, 42, 115-127.	1.4	11
83	Can in vitro mammalian cell genotoxicity test results be used to complement positive results in the Ames test and help predict carcinogenic or in vivo genotoxic activity? I. Reports of individual databases presented at an EURL ECVAM Workshop. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 775-776, 55-68.	1.8	50
84	Establishing the level of safety concern for chemicals in food without the need for toxicity testing. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 68, 275-296.	2.8	46
85	Applying Adverse Outcome Pathways (AOPs) to support Integrated Approaches to Testing and Assessment (IATA). <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 629-640.	2.8	304
86	Computer models versus reality: How well do in silico models currently predict the sensitization potential of a substance. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 67, 468-485.	2.8	52
87	Applying quantitative structure-activity relationship approaches to nanotoxicology: Current status and future potential. <i>Toxicology</i> , 2013, 313, 15-23.	4.3	155
88	Accelerated In Vivo Proliferation of Memory Phenotype CD4+ T-cells in Human HIV-1 Infection Irrespective of Viral Chemokine Co-receptor Tropism. <i>PLoS Pathogens</i> , 2013, 9, e1003310.	4.1	10
89	QSAR and Metabolic Assessment Tools in the Assessment of Genotoxicity. <i>Methods in Molecular Biology</i> , 2013, 930, 125-162.	0.0	16
90	Tuning the Electronic Properties by Width and Length Modifications of Narrow-Diameter Carbon Nanotubes for Nanomedicine. <i>Current Medicinal Chemistry</i> , 2012, 19, 5219-5225.	2.5	18

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91	Chapter 11. Development and Evaluation of Structure-Reactivity Models for Predicting the In Vitro Oxidative Stress of Metal Oxide Nanoparticles. RSC Nanoscience and Nanotechnology, 2012, , 257-283.	0.0	6
92	Training Needs for Toxicity Testing in the 21st Century: A Survey-informed Analysis. ATLA Alternatives To Laboratory Animals, 2012, 40, 313-320.	1.4	6
93	Report of the EPA-ECVAM Workshop on the Validation of Integrated Testing Strategies (ITS). ATLA Alternatives To Laboratory Animals, 2012, 40, 175-181.	1.4	25
94	Role of <i>in silico</i> genotoxicity tools in the regulatory assessment of pharmaceutical impurities. SAR and QSAR in Environmental Research, 2012, 23, 257-277.	2.3	24
95	Recent Advances in the Molecular Modeling of Estrogen Receptor-Mediated Toxicity. Advances in Protein Chemistry and Structural Biology, 2011, 85, 217-251.	0.5	11
96	An integrated approach for bioaccumulation assessment in mussels: Towards the development of Environmental Quality Standards for biota. Ecotoxicology and Environmental Safety, 2011, 74, 244-252.	6.2	13
97	Characterization of age-related changes in bovine CD8+ T-cells. Veterinary Immunology and Immunopathology, 2011, 140, 47-54.	1.2	16
98	Applicability of QSAR analysis in the evaluation of developmental and neurotoxicity effects for the assessment of the toxicological relevance of metabolites and degradates of pesticide active substances for dietary risk assessment. EFSA Supporting Publications, 2011, 8, 169E.	0.7	12
99	Human cytomegalovirus-specific CD8+ T-cell expansions contain long-lived cells that retain functional capacity in both young and elderly subjects. Immunology, 2011, 132, 27-38.	4.4	57
100	Predicting toxicity of nanoparticles. Nature Nanotechnology, 2011, 6, 138-139.	30.5	46
101	Use of computational tools in the field of food safety. Regulatory Toxicology and Pharmacology, 2011, 60, 354-362.	2.8	15
102	A theoretical framework for predicting the oxidative stress potential of oxide nanoparticles. Nanotoxicology, 2011, 5, 228-235.	3.0	298
103	Investigating the influence of data splitting on the predictive ability of QSAR/QSPR models. Structural Chemistry, 2011, 22, 795-804.	2.0	94
104	Alternative (non-animal) methods for cosmetics testing: current status and future prospects-2010. Archives of Toxicology, 2011, 85, 367-485.	4.3	496
105	QSAR modeling of nanomaterials. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2011, 3, 298-306.	6.8	124
106	Chapter 4. Towards a Common Regulatory Framework for Computational Toxicology: Current Status and Future Perspectives. RSC Drug Discovery Series, 2011, , 38-69.	0.0	0
107	Thresholds of toxicological concern for endocrine active substances in the aquatic environment. Integrated Environmental Assessment and Management, 2010, 6, 2-11.	3.2	19
108	Structural analysis and predictive value of the rodent <i>in vivo</i> micronucleus assay results. Mutagenesis, 2010, 25, 335-341.	2.6	53

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109	Computational toxicology at the European Commission's Joint Research Centre. Expert Opinion on Drug Metabolism and Toxicology, 2010, 6, 785-792.	3.4	29
110	Prediction of acute toxicity to mice by the Arithmetic Mean Toxicity (AMT) modelling approach. SAR and QSAR in Environmental Research, 2010, 21, 265-275.	2.3	19
111	Overcoming Barriers to Validation of Non-animal Partial Replacement Methods/Integrated Testing Strategies: The Report of an EPA/ECVAM Workshop. ATLA Alternatives To Laboratory Animals, 2009, 37, 437-444.	1.4	29
112	Modeling the structure-property relationships of nanoneedles: A journey toward nanomedicine. Journal of Computational Chemistry, 2009, 30, 275-284.	3.5	77
113	Structural motifs modulating the carcinogenic risk of aromatic amines. Environmental and Molecular Mutagenesis, 2009, 50, 152-161.	2.0	11
114	Toxmatch: A chemical classification and activity prediction tool based on similarity measures. Regulatory Toxicology and Pharmacology, 2008, 52, 77-84.	2.8	32
115	An evaluation of the implementation of the Cramer classification scheme in the Toxtree software. SAR and QSAR in Environmental Research, 2008, 19, 495-524.	2.3	385
116	A feasibility study developing an integrated testing strategy assessing skin irritation potential of chemicals. Toxicology Letters, 2008, 180, 9-20.	1.3	38
117	Publicly-accessible QSAR software tools developed by the Joint Research Centre. SAR and QSAR in Environmental Research, 2008, 19, 785-799.	2.3	58
118	Mode of action-based classification and prediction of activity of uncouplers for the screening of chemical inventories. SAR and QSAR in Environmental Research, 2008, 19, 433-463.	2.3	12
119	Toxmatch: a new software tool to aid in the development and evaluation of chemically similar groups. SAR and QSAR in Environmental Research, 2008, 19, 397-412.	2.3	65
120	In vivo T lymphocyte dynamics in humans and the impact of human T-lymphotropic virus 1 infection. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8035-8040.	7.6	107
121	The ECVAM International Validation Study on in Vitro Tests for Acute Skin Irritation: Report on the Validity of the EPISKIN and EpiDerm Assays and on the Skin Integrity Function Test. ATLA Alternatives To Laboratory Animals, 2007, 35, 559-601.	1.4	192
122	The ECVAM International Validation Study on <i>In Vitro</i> Tests for Acute Skin Irritation: Selection of Test Chemicals. ATLA Alternatives To Laboratory Animals, 2007, 35, 603-619.	1.4	43
123	<i>In vivo</i> kinetics of human natural killer cells: the effects of ageing and acute and chronic viral infection. Immunology, 2007, 121, 258-265.	4.4	270
124	Quantitative structure-activity and quantitative structure-activity investigations of human and rodent toxicity. Chemosphere, 2006, 65, 1878-1887.	8.4	46
125	Metabolism: A Bottleneck in <i>In Vitro</i> Toxicological Test Development. ATLA Alternatives To Laboratory Animals, 2006, 34, 49-84.	1.4	163
126	COMPARISON OF THE APPLICABILITY DOMAIN OF A QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIP FOR ESTROGENICITY WITH A LARGE CHEMICAL INVENTORY. Environmental Toxicology and Chemistry, 2006, 25, 1223.	4.4	39

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127	B-cell kinetics in humans: rapid turnover of peripheral blood memory cells. <i>Blood</i> , 2005, 105, 3633-3640.	1.4	165
128	3.4. Skin Sensitisation. <i>ATLA Alternatives To Laboratory Animals</i> , 2005, 33, 83-103.	1.4	22
129	3.3. Eye Irritation. <i>ATLA Alternatives To Laboratory Animals</i> , 2005, 33, 47-81.	1.4	55
130	Current Status of Methods for Defining the Applicability Domain of (Quantitative) Structure-Activity Relationships. <i>ATLA Alternatives To Laboratory Animals</i> , 2005, 33, 155-173.	1.4	676
131	3D QSAR investigation of the blood-brain barrier penetration of chemical compounds. <i>SAR and QSAR in Environmental Research</i> , 2005, 16, 79-91.	2.3	5
132	Toxicity Testing, Modeling. , 2005, , 288-293.		2
133	A Modular Approach to the ECVAM Principles on Test Validity. <i>ATLA Alternatives To Laboratory Animals</i> , 2004, 32, 467-472.	1.4	278
134	The Principles of Validation and the ECVAM Validation Process. <i>ATLA Alternatives To Laboratory Animals</i> , 2004, 32, 623-629.	1.4	15
135	Report of the Workshop on the Validation of QSARs and Other Computational Prediction Models. <i>ATLA Alternatives To Laboratory Animals</i> , 2004, 32, 703-706.	1.4	13
136	Direct Measurement of T Cell Subset Kinetics In Vivo in Elderly Men and Women. <i>Journal of Immunology</i> , 2004, 173, 1787-1794.	0.8	105
137	Qsar investigation of a large data set for fish, algae and Daphnia toxicity. <i>SAR and QSAR in Environmental Research</i> , 2004, 15, 413-431.	2.3	29
138	The role of the European centre for the validation of alternative methods (ECVAM) in the validation of (Q)SARs. <i>SAR and QSAR in Environmental Research</i> , 2004, 15, 345-358.	2.3	26
139	QSARs for toxicity to the bacterium <i>Sinorhizobium meliloti</i> . <i>SAR and QSAR in Environmental Research</i> , 2004, 15, 169-190.	2.3	12
140	The prospects for using (Q)SARs in a changing political environment-high expectations and a key role for the european commission's joint research centre. <i>SAR and QSAR in Environmental Research</i> , 2004, 15, 331-343.	2.3	53
141	A Framework for Promoting the Acceptance and Regulatory Use of (Quantitative) Structure- Activity Relationships. , 2004, , .		3
142	QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS FOR HUMAN HEALTH EFFECTS: COMMONALITIES WITH OTHER ENDPOINTS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1829.	4.4	37
143	Use of QSARs in international decision-making frameworks to predict ecologic effects and environmental fate of chemical substances.. <i>Environmental Health Perspectives</i> , 2003, 111, 1376-1390.	8.2	194
144	Measurement and modeling of human T cell kinetics. <i>European Journal of Immunology</i> , 2003, 33, 2316-2326.	3.3	114

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145	The use of discriminant analysis, logistic regression and classification tree analysis in the development of classification models for human health effects. Computational and Theoretical Chemistry, 2003, 622, 97-111.	1.5	69
146	Methods for reliability and uncertainty assessment and for applicability evaluations of classification- and regression-based QSARs.. Environmental Health Perspectives, 2003, 111, 1361-1375.	8.2	1,134
147	ECVAM's Response to the Changing Political Environment for Alternatives: Consequences of the European Union Chemicals and Cosmetics Policies. ATLA Alternatives To Laboratory Animals, 2003, 31, 473-481.	1.4	51
148	The Use of Computer Models as Alternatives to Animal Experiments in Chemical Risk Assessment. ATLA Alternatives To Laboratory Animals, 2003, 31, 67-73.	1.4	0
149	Use of QSARs in international decision-making frameworks to predict health effects of chemical substances.. Environmental Health Perspectives, 2003, 111, 1391-1401.	8.2	241
150	The Registry of Cytotoxicity: Toxicity Testing in Cell Cultures to Predict Acute Toxicity (LD50) and to Reduce Testing in Animals. ATLA Alternatives To Laboratory Animals, 2003, 31, 89-89.	1.4	116
151	Structure-Based Classification of Antibacterial Activity. Journal of Chemical Information and Computer Sciences, 2002, 42, 869-878.	2.8	97
152	The importance of hydrophobicity and electrophilicity descriptors in mechanistically-based QSARs for toxicological endpoints. SAR and QSAR in Environmental Research, 2002, 13, 167-176.	2.3	59
153	ECVAM's Activities on Computer Modelling and Integrated Testing. ATLA Alternatives To Laboratory Animals, 2002, 30, 133-137.	1.4	2
154	Follow-up to the ECVAM Prevalidation Study on <i>In Vitro</i> Tests for Acute Skin Irritation. ATLA Alternatives To Laboratory Animals, 2002, 30, 109-129.	1.4	68
155	Reply to the Comment by Hoffmann <i>et al.</i> . ATLA Alternatives To Laboratory Animals, 2002, 30, 555-557.	1.4	0
156	The Principles of Validation and the ECVAM Validation Process. ATLA Alternatives To Laboratory Animals, 2002, 30, 15-21.	1.4	10
157	Establishment of an <i>in vitro</i> reporter gene assay for developmental cardiac toxicity. Toxicology in Vitro, 2001, 15, 215-223.	2.5	62
158	Improving the application of quantitative methods in validation work. Toxicology in Vitro, 2001, 15, 601-604.	2.5	0
159	The Role of ECVAM in Promoting the Regulatory Acceptance of Alternative Methods in the European Union. ATLA Alternatives To Laboratory Animals, 2001, 29, 525-535.	1.4	28
160	The Use of Bootstrap Resampling to Assess the Uncertainty of Cooper Statistics. ATLA Alternatives To Laboratory Animals, 2001, 29, 447-459.	1.4	13
161	The Importance of the Prediction Model in the Validation of Alternative Tests. ATLA Alternatives To Laboratory Animals, 2001, 29, 135-143.	1.4	49
162	The Use of Bootstrap Resampling to Assess the Variability of Draize Tissue Scores. ATLA Alternatives To Laboratory Animals, 2001, 29, 557-573.	1.4	15

#	ARTICLE	IF	CITATIONS
163	The use of pH measurements to predict the potential of chemicals to cause acute dermal and ocular toxicity. <i>Toxicology</i> , 2001, 169, 119-131.	4.3	35
164	Prediction Models for Eye Irritation Potential Based on Endpoints of the HETCAM and Neutral Red Uptake Tests. <i>In Vitro & Molecular Toxicology</i> , 2001, 14, 143-156.	0.6	13
165	Structure- α permeability Relationships for Transcorneal Penetration. <i>ATLA Alternatives To Laboratory Animals</i> , 2000, 28, 403-413.	1.4	16
166	A General Approach for Evaluating Stepwise Testing Strategies. <i>ATLA Alternatives To Laboratory Animals</i> , 1999, 27, 161-177.	1.4	13
167	Embedded Cluster Modelling-A novel method for analysing embedded data sets. <i>QSAR and Combinatorial Science</i> , 1999, 18, 229-235.	1.2	16
168	The ECVAM International Validation Study on In Vitro Tests for Skin Corrosivity. 1. Selection and Distribution of the Test Chemicals. <i>Toxicology in Vitro</i> , 1998, 12, 471-482.	2.5	60
169	An Evaluation of the Proposed OECD Testing Strategy for Skin Corrosion. <i>ATLA Alternatives To Laboratory Animals</i> , 1998, 26, 709-720.	1.4	18
170	The Development and Validation of Expert Systems for Predicting Toxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 1997, 25, 223-251.	1.4	96
171	Computational Tools for Regulatory Needs. , 0, , 751-775.		8
172	A Twin Transition in Regulatory Toxicology- α moving towards Chemicals 2.0 and phasing out animal testing. <i>Toxicological Sciences</i> , 0, , .	3.1	0