

Martin F Wilks

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

3,011
citations

172457

29
h-index

175258

52
g-index

86
all docs

86
docs citations

86
times ranked

4019
citing authors

#	ARTICLE	IF	CITATIONS
1	Systems Toxicology: From Basic Research to Risk Assessment. <i>Chemical Research in Toxicology</i> , 2014, 27, 314-329.	3.3	287
2	Occupational and environmental exposure to pesticides and cytokine pathways in chronic diseases (Review). <i>International Journal of Molecular Medicine</i> , 2016, 38, 1012-1020.	4.0	133
3	Prediction of outcome after paraquat poisoning by measurement of the plasma paraquat concentration. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2009, 102, 251-259.	0.5	130
4	International STakeholder NETwork (ISTNET): creating a developmental neurotoxicity (DNT) testing road map for regulatory purposes. <i>Archives of Toxicology</i> , 2015, 89, 269-287.	4.2	130
5	Contrast-induced nephropathy: Basic concepts, pathophysiological implications and prevention strategies. , 2017, 180, 99-112.		130
6	Recommendation on test readiness criteria for new approach methods in toxicology: Exemplified for developmental neurotoxicity. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018, 35, 306-352.	1.5	121
7	Linking pesticide exposure and dementia: What is the evidence?. <i>Toxicology</i> , 2013, 307, 3-11.	4.2	119
8	Prospects for treatment of paraquat-induced lung fibrosis with immunosuppressive drugs and the need for better prediction of outcome: a systematic review. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2003, 96, 809-824.	0.5	112
9	Pharmacokinetics and pharmacodynamics of NTBC (2-(2-nitro-4-fluoromethylbenzoyl)-1,3-cyclohexanedione) and mesotrione, inhibitors of 4-hydroxyphenyl pyruvate dioxygenase (HPPD) following a single dose to healthy male volunteers. <i>British Journal of Clinical Pharmacology</i> , 2001, 52, 169-177.	2.4	97
10	The interplay between environmental and genetic factors in Parkinson's disease susceptibility: The evidence for pesticides. <i>Toxicology</i> , 2013, 307, 17-23.	4.2	95
11	Systems Toxicology: Real World Applications and Opportunities. <i>Chemical Research in Toxicology</i> , 2017, 30, 870-882.	3.3	93
12	Pesticides, cognitive functions and dementia: A review. <i>Toxicology Letters</i> , 2020, 326, 31-51.	0.8	91
13	Consensus statement on the need for innovation, transition and implementation of developmental neurotoxicity (DNT) testing for regulatory purposes. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 3-6.	2.8	90
14	Improvement in Survival after Paraquat Ingestion Following Introduction of a New Formulation in Sri Lanka. <i>PLoS Medicine</i> , 2008, 5, e49.	8.4	89
15	Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures. <i>Archives of Toxicology</i> , 2019, 93, 2741-2757.	4.2	77
16	OECD/EFSA workshop on developmental neurotoxicity (DNT): The use of non-animal test methods for regulatory purposes. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017, 34, 311-315.	1.5	73
17	Cd, Pb and Hg Biomonitoring in Fish of the Mediterranean Region and Risk Estimations on Fish Consumption. <i>Toxics</i> , 2014, 2, 417-442.	3.7	54
18	Changes in the concentrations of creatinine, cystatin C and NGAL in patients with acute paraquat self-poisoning. <i>Toxicology Letters</i> , 2011, 202, 69-74.	0.8	51

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19	Vehicle effects on in vitro percutaneous absorption through rat and human skin. <i>Pharmaceutical Research</i> , 1994, 11, 1396-1400.	3.5	47
20	A framework for cumulative risk assessment in the 21st century. <i>Critical Reviews in Toxicology</i> , 2017, 47, 85-97.	3.9	47
21	https://www.altex.org/index.php/altex/article/view/1339 . <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 682-699.	1.5	42
22	Neurodevelopmental and neurobehavioural effects of polybrominated and perfluorinated chemicals: A systematic review of the epidemiological literature using a quality assessment scheme. <i>Toxicology Letters</i> , 2014, 230, 271-281.	0.8	40
23	Perspectives for integrating human and environmental risk assessment and synergies with socio-economic analysis. <i>Science of the Total Environment</i> , 2013, 456-457, 307-316.	8.0	37
24	Anthracycline-Dependent Cardiotoxicity and Extracellular Matrix Remodeling. <i>Chest</i> , 2014, 146, 1123-1130.	0.8	35
25	Effects of resveratrol on carbon monoxide-induced cardiotoxicity in rats. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 110-115.	4.0	35
26	Contact dermatitis due to a new fungicide used in the tulip bulb industry. <i>Contact Dermatitis</i> , 1995, 33, 8-11.	1.4	33
27	Formulation changes and time trends in outcome following paraquat ingestion in Sri Lanka. <i>Clinical Toxicology</i> , 2011, 49, 21-28.	1.9	33
28	Pyrethroid-Induced Paresthesia—A Central or Local Toxic Effect?. <i>Journal of Toxicology: Clinical Toxicology</i> , 2000, 38, 103-105.	1.5	32
29	Problem formulation for risk assessment of combined exposures to chemicals and other stressors in humans. <i>Critical Reviews in Toxicology</i> , 2016, 46, 835-844.	3.9	32
30	Insights into possibilities for grouping and read-across for nanomaterials in EU chemicals legislation. <i>Nanotoxicology</i> , 2019, 13, 119-141.	3.0	32
31	Biological monitoring for pesticide exposure ?the role of human volunteer studies. <i>International Archives of Occupational and Environmental Health</i> , 1993, 65, S189-S192.	2.3	31
32	In vitro tape stripping as a model for in vivo skin stripping. <i>Toxicology in Vitro</i> , 1994, 8, 665-667.	2.4	31
33	Approaches in metabolomics for regulatory toxicology applications. <i>Analyst</i> , 2021, 146, 1820-1834.	3.5	30
34	Bisphenol A—Why an adverse outcome pathway framework needs to be applied. <i>Toxicology Letters</i> , 2014, 230, 368-374.	0.8	28
35	An assessment of the dietary uptake of di-2-(ethylhexyl) adipate (DEHA) in a limited population study. <i>Food and Chemical Toxicology</i> , 1994, 32, 1-5.	3.6	27
36	High-dose immunosuppression to prevent death after paraquat self-poisoning — a randomised controlled trial. <i>Clinical Toxicology</i> , 2018, 56, 633-639.	1.9	27

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37	Organochlorine pesticide levels in Greek patients with Parkinson's disease. <i>Toxicology Reports</i> , 2020, 7, 596-601.	3.3	27
38	Escitalopram causes fewer seizures in human overdose than citalopram. <i>Clinical Toxicology</i> , 2010, 48, 207-212.	1.9	26
39	Retrospective analysis of stimulant abuse cases reported to the Swiss Toxicological Information Centre during 1997-2009. <i>Swiss Medical Weekly</i> , 2010, 140, w13115.	1.6	25
40	Acute diquat poisoning with intracerebral bleeding. <i>Postgraduate Medical Journal</i> , 2001, 77, 329-332.	1.8	24
41	Paraquat. , 2010, , 1771-1827.		23
42	Metabolism and pharmacokinetics of deuterium-labelled di-2-(ethylhexyl) adipate (DEHA) in humans. <i>Food and Chemical Toxicology</i> , 1993, 31, 609-614.	3.6	22
43	White paper on the promotion of an integrated risk assessment concept in European regulatory frameworks for chemicals. <i>Science of the Total Environment</i> , 2015, 521-522, 211-218.	8.0	21
44	The value of acute toxicity studies to support the clinical management of overdose and poisoning: A cross-discipline consensus. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 354-359.	2.7	20
45	Effects of 3-monochloropropane-1,2-diol (3-MCPD) and its metabolites on DNA damage and repair under in vitro conditions. <i>Food and Chemical Toxicology</i> , 2016, 89, 1-7.	3.6	20
46	Paraquat in Perspective. <i>Outlooks on Pest Management</i> , 2004, 15, 259-267.	0.2	18
47	The ethics of human volunteer studies involving experimental exposure to pesticides: unanswered dilemmas. <i>Environmental Health</i> , 2010, 9, 50.	4.0	18
48	Potential of ToxCast Data in the Safety Assessment of Food Chemicals. <i>Toxicological Sciences</i> , 2020, 174, 326-340.	3.1	18
49	A quantitative risk assessment for skin sensitizing plant protection products: Linking derived No-Effect levels (DNELs) with agricultural exposure models. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 171-183.	2.7	15
50	Development of Integrated Approaches to Testing and Assessment (IATA) case studies on developmental neurotoxicity (DNT) risk assessment. <i>EFSA Journal</i> , 2021, 19, e06599.	1.8	14
51	Evaluating the food safety and risk assessment evidence-base of polyethylene terephthalate oligomers: Protocol for a systematic evidence map. <i>Environment International</i> , 2022, 167, 107387.	10.0	14
52	Exploring the Potential of ToxCast Data in Supporting Read-Across for Evaluation of Food Chemical Safety. <i>Chemical Research in Toxicology</i> , 2021, 34, 300-312.	3.3	13
53	Magnesium sulfate ameliorates carbon monoxide-induced cerebral injury in male rats. <i>Molecular Medicine Reports</i> , 2018, 19, 1032-1039.	2.4	12
54	Statement on the active substance acetamiprid. <i>EFSA Journal</i> , 2022, 20, e07031.	1.8	9

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55	Paraquat. , 2001, , 1559-1603.		7
56	Effect of Dosing Vehicle on the Dermal Absorption of Fluazifop-butyl and Fomesafen in Rats in Vivo. <i>Fundamental and Applied Toxicology</i> , 1994, 23, 93-100.	1.8	6
57	A case study applying pathway-oriented thinking to problem formulation for planning a systematic review. <i>Environment International</i> , 2020, 140, 105768.	10.0	6
58	Statement on the active substance flupyradifurone. <i>EFSA Journal</i> , 2022, 20, e07030.	1.8	6
59	Scientific Opinion of the Scientific Panel on Plant Protection Products and their Residues (PPR Panel) on testing and interpretation of comparative in vitro metabolism studies. <i>EFSA Journal</i> , 2021, 19, e06970.	1.8	6
60	Metal Accumulation and Nephron Heterogeneity in Mercuric Chloride-Induced Acute Renal Failure. <i>Toxicologic Pathology</i> , 1994, 22, 282-290.	1.8	5
61	Environmental contaminants and target organ toxicities – new insights into old problems. <i>Toxicology Letters</i> , 2014, 230, 81-84.	0.8	5
62	The European Registered Toxicologist (ERT): Current status and prospects for advancement. <i>Toxicology Letters</i> , 2016, 259, 151-155.	0.8	4
63	Metabolic Heterogeneity of Isolated Cortical and Juxtamedullary Glomeruli in Adriamycin Nephrotoxicity. <i>Kidney and Blood Pressure Research</i> , 1991, 14, 48-54.	2.0	3
64	Comparison of Two Methods for Determining the Toxicokinetics of Fluazifop-butyl after Intravenous Dosing in Rats. <i>Human and Experimental Toxicology</i> , 1994, 13, 123-129.	2.2	3
65	Guidelines for the compilation of occupational health-related records to facilitate future epidemiological studies of chemical exposure. <i>Occupational Medicine</i> , 1999, 49, 439-442.	1.4	3
66	A proposed framework for the interpretation of biomonitoring data. <i>Toxicology Letters</i> , 2006, 164, S144.	0.8	3
67	Human in vivo studies of non-pharmaceutical products. <i>Toxicology Letters</i> , 2001, 120, 125-130.	0.8	2
68	Authors' response to the letter to the editor by Jowsey et al.. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 103, 330-331.	2.7	2
69	Paraquat poisoning. <i>Lancet, The</i> , 1999, 353, 321-322.	13.7	1
70	Neurodevelopmental effects of pesticides – Evidence from epidemiological studies in children and adolescents. <i>Toxicology Letters</i> , 2011, 205, S5-S6.	0.8	1
71	Bringing Chemistry to Medicine – The Contribution of Paracelsus to Modern Toxicology. <i>Chimia</i> , 2020, 74, 507.	0.6	1
72	From risk assessment to regulation. , 2021, , 3-23.		1

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73	A Focus on Human Toxicology. Human and Experimental Toxicology, 1993, 12, 263-263.	2.2	0
74	With the benefit of hindsight: trials using retrospective controls versus randomized controlled trials in clinical toxicology. Clinical Toxicology, 2013, 51, 525-526.	1.9	0
75	Decision-making in human and environmental risk assessment using a weight of evidence approach. Toxicology Letters, 2013, 221, S21.	0.8	0
76	Clinical toxicology expert reviewers – 2013. Clinical Toxicology, 2014, 52, 155-156.	1.9	0
77	Clinical Toxicology review metrics and expert reviewers, 2020. Clinical Toxicology, 2021, 59, e1-e3.	1.9	0