

# Kate Jones

## 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.

90  
papers

2,124  
citations

25  
h-index

42  
g-index

109  
ext. papers

2,500  
ext. citations

4.2  
avg, IF

4.85  
L-index

#	Paper	IF	Citations
90	Frontal lobe function, sleep loss and fragmented sleep. <i>Sleep Medicine Reviews</i> , <b>2001</b> , 5, 463-475	10.2	291
89	Exposure to the organophosphate diazinon: data from a human volunteer study with oral and dermal doses. <i>Toxicology Letters</i> , <b>2002</b> , 134, 105-13	4.4	106
88	Sources of variability in biomarker concentrations. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2014</b> , 17, 45-61	8.6	105
87	Biological monitoring of exposure to organophosphate pesticides. <i>Toxicology Letters</i> , <b>2002</b> , 134, 97-103	4.4	89
86	Inter- and intra-individual variation in urinary biomarker concentrations over a 6-day sampling period. Part 2: personal care product ingredients. <i>Toxicology Letters</i> , <b>2014</b> , 231, 261-9	4.4	84
85	Human in vivo and in vitro studies on gastrointestinal absorption of titanium dioxide nanoparticles. <i>Toxicology Letters</i> , <b>2015</b> , 233, 95-101	4.4	75
84	Exposure to antineoplastic drugs in two UK hospital pharmacy units. <i>Annals of Occupational Hygiene</i> , <b>2005</b> , 49, 603-10		66
83	A review of the literature on the cognitive effects of alcohol hangover. <i>Alcohol and Alcoholism</i> , <b>2008</b> , 43, 163-70	3.5	60
82	Cytotoxic drug contamination on the outside of vials delivered to a hospital pharmacy. <i>Annals of Occupational Hygiene</i> , <b>2003</b> , 47, 681-5		54
81	Exploring the half-life of glyphosate in human urine samples. <i>International Journal of Hygiene and Environmental Health</i> , <b>2019</b> , 222, 205-210	6.9	41
80	Reference ranges for key biomarkers of chemical exposure within the UK population. <i>International Journal of Hygiene and Environmental Health</i> , <b>2013</b> , 216, 170-4	6.9	40
79	Mercury exposure in female artisanal small-scale gold miners (ASGM) in Mongolia: An analysis of human biomonitoring (HBM) data from 2008. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 994-1000	10.2	40
78	Assessing isocyanate exposures in polyurethane industry sectors using biological and air monitoring methods. <i>Annals of Occupational Hygiene</i> , <b>2006</b> , 50, 609-21		38
77	Glyphosate in Irish adults - A pilot study in 2017. <i>Environmental Research</i> , <b>2018</b> , 165, 235-236	7.9	36
76	Inter- and intra-individual variation in urinary biomarker concentrations over a 6-day sampling period. Part 1: metals. <i>Toxicology Letters</i> , <b>2014</b> , 231, 249-60	4.4	35
75	Exposure assessment using human biomonitoring for glyphosate and fluroxypyr users in amenity horticulture. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 1064-1073	6.9	34
74	Dermal uptake of solvents from the vapour phase: an experimental study in humans. <i>Annals of Occupational Hygiene</i> , <b>1998</b> , 42, 531-40		33

73	Biological monitoring for exposure to deltamethrin: a human oral dosing study and background levels in the UK general population. <i>Toxicology Letters</i> , <b>2012</b> , 213, 35-8	4.4	32
72	Mercury analysis in hair: Comparability and quality assessment within the transnational COPHES/DEMOCOPHES project. <i>Environmental Research</i> , <b>2015</b> , 141, 24-30	7.9	31
71	Estimation of the dermal absorption of m-xylene vapor in humans using breath sampling and physiologically based pharmacokinetic analysis. <i>Toxicological Sciences</i> , <b>1999</b> , 48, 170-9	4.4	29
70	Urinary biomarker concentrations of captan, chlormequat, chlorpyrifos and cypermethrin in UK adults and children living near agricultural land. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2015</b> , 25, 623-31	6.7	28
69	Reconstruction of Exposure to m-Xylene from Human Biomonitoring Data Using PBPK Modelling, Bayesian Inference, and Markov Chain Monte Carlo Simulation. <i>Journal of Toxicology</i> , <b>2012</b> , 2012, 760281 <sup>3,1</sup>		27
68	Background levels of key biomarkers of chemical exposure within the UK general population--pilot study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2007</b> , 210, 387-91	6.9	27
67	Factors affecting the extent of dermal absorption of solvent vapours: a human volunteer study. <i>Annals of Occupational Hygiene</i> , <b>2003</b> , 47, 145-50		27
66	Analytical method for the quantitative determination of cyanuric acid as the degradation product of sodium dichloroisocyanurate in urine by liquid chromatography mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 853, 360-3	3.2	26
65	Systematic review of methods used to assess exposure to pesticides in occupational epidemiology studies, 1993-2017. <i>Occupational and Environmental Medicine</i> , <b>2020</b> , 77, 357-367	2.1	25
64	Development and validation of a competitive immunoassay for urinary S-phenylmercapturic acid and its application in benzene biological monitoring. <i>Biomarkers</i> , <b>2002</b> , 7, 103-12	2.6	25
63	Setting up a collaborative European human biological monitoring study on occupational exposure to hexavalent chromium. <i>Environmental Research</i> , <b>2019</b> , 177, 108583	7.9	24
62	Human volunteer studies investigating the potential for toxicokinetic interactions between the pesticides deltamethrin; pirimicarb and chlorpyrifos-methyl following oral exposure at the acceptable daily intake. <i>Toxicology Letters</i> , <b>2011</b> , 200, 41-5	4.4	24
61	A human exposure study to investigate biological monitoring methods for 2-butoxyethanol. <i>Biomarkers</i> , <b>2003</b> , 8, 360-70	2.6	24
60	Oral and dermal exposure to propetamphos: a human volunteer study. <i>Toxicology Letters</i> , <b>2002</b> , 134, 115-8	4.4	24
59	Characterising glyphosate exposures among amenity horticulturists using multiple spot urine samples. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 1012-1022	6.9	23
58	A critical analysis of alcohol hangover research methodology for surveys or studies of effects on cognition. <i>Psychopharmacology</i> , <b>2014</b> , 231, 2223-36	4.7	23
57	Biological monitoring to assess exposure from use of isocyanates in motor vehicle repair. <i>Occupational and Environmental Medicine</i> , <b>1999</b> , 56, 598-601	2.1	23
56	Correlation of haemoglobin-acrylamide adducts with airborne exposure: an occupational survey. <i>Toxicology Letters</i> , <b>2006</b> , 162, 174-80	4.4	21

55	Validation of trichloroacetic acid exposure via drinking water during pregnancy using a urinary TCAA biomarker. <i>Environmental Research</i> , <b>2013</b> , 126, 145-51	7.9	20
54	Framework for the development and application of environmental biological monitoring guidance values. <i>Regulatory Toxicology and Pharmacology</i> , <b>2012</b> , 63, 453-60	3.4	19
53	A biological monitoring study of 1-methoxy-2-propanol: analytical method development and a human volunteer study. <i>Science of the Total Environment</i> , <b>1997</b> , 199, 23-30	10.2	19
52	Biological monitoring of pesticide exposures in residents living near agricultural land. <i>BMC Public Health</i> , <b>2011</b> , 11, 856	4.1	17
51	Isocyanate exposure control in motor vehicle paint spraying: evidence from biological monitoring. <i>Annals of Occupational Hygiene</i> , <b>2013</b> , 57, 200-9		15
50	Biological monitoring for trimethylbenzene exposure: a human volunteer study and a practical example in the workplace. <i>Annals of Occupational Hygiene</i> , <b>2006</b> , 50, 593-8		15
49	The effect of alcohol hangover on choice response time. <i>Journal of Psychopharmacology</i> , <b>2016</b> , 30, 654-61.6	4.6	14
48	Investigation of gastrointestinal effects of organophosphate and carbamate pesticide residues on young children. <i>International Journal of Hygiene and Environmental Health</i> , <b>2014</b> , 217, 392-8	6.9	14
47	Investigation of saliva as an alternative matrix to blood for the biological monitoring of inorganic lead. <i>Toxicology Letters</i> , <b>2014</b> , 231, 270-6	4.4	13
46	Biological monitoring for exposure to pirimicarb: method development and a human oral dosing study. <i>Toxicology Letters</i> , <b>2010</b> , 192, 56-60	4.4	13
45	Biomonitoring at the UK Health and Safety Laboratory. <i>International Journal of Hygiene and Environmental Health</i> , <b>2007</b> , 210, 383-6	6.9	13
44	An occupational hygiene investigation of exposure to acrylamide and the role for urinary S-carboxyethyl-cysteine (CEC) as a biological marker. <i>Annals of Occupational Hygiene</i> , <b>2005</b> , 49, 683-90		12
43	Evaluating Glyphosate Exposure Routes and Their Contribution to Total Body Burden: A Study Among Amenity Horticulturalists. <i>Annals of Work Exposures and Health</i> , <b>2019</b> , 63, 133-147	2.4	12
42	Towards a biological monitoring guidance value for acrylamide. <i>Toxicology Letters</i> , <b>2015</b> , 237, 30-7	4.4	11
41	Exposure to Diisocyanates and Their Corresponding Diamines in Seven Different Workplaces. <i>Annals of Work Exposures and Health</i> , <b>2017</b> , 61, 383-393	2.4	11
40	Comparison of residents pesticide exposure with predictions obtained using the UK regulatory exposure assessment approach. <i>Regulatory Toxicology and Pharmacology</i> , <b>2015</b> , 73, 634-43	3.4	11
39	A survey of occupational exposure to 4,4'-methylene-bis (2-chloroaniline) (MbOCA) in the UK. <i>Annals of Occupational Hygiene</i> , <b>2009</b> , 53, 499-507		11
38	Determination of ethylenethiourea in urine by liquid chromatography-atmospheric pressure chemical ionisation-mass spectrometry for monitoring background levels in the general population. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 2563-6	3.2	11

37	Identification of a possible biomarker for colophony exposure. <i>Occupational Medicine</i> , <b>2001</b> , 51, 507-9	2.1	11
36	Biomonitoring as an Underused Exposure Assessment Tool in Occupational Safety and Health Context-Challenges and Way Forward. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	11
35	Case studies of hydrogen sulphide occupational exposure incidents in the UK. <i>Toxicology Letters</i> , <b>2014</b> , 231, 374-7	4.4	10
34	Human biomonitoring data collection from occupational exposure to pesticides. <i>EFSA Supporting Publications</i> , <b>2017</b> , 14, 1185E	1.1	9
33	Biological Monitoring Without Limits. <i>Annals of Work Exposures and Health</i> , <b>2017</b> , 61, 401-405	2.4	9
32	Biological monitoring for exposure to methamidophos: a human oral dosing study. <i>Toxicology Letters</i> , <b>2014</b> , 231, 277-81	4.4	9
31	Dehydroabiatic acid as a biomarker for exposure to colophony. <i>Occupational Medicine</i> , <b>2007</b> , 57, 362-6	2.1	8
30	HBM4EU chromates study - Overall results and recommendations for the biomonitoring of occupational exposure to hexavalent chromium. <i>Environmental Research</i> , <b>2022</b> , 204, 111984	7.9	8
29	Evidence for non-linear metabolism at low benzene exposures? A reanalysis of data. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 278, 256-268	5	7
28	Reducing isocyanate exposure and asthma risk in motor vehicle repair. <i>International Journal of Workplace Health Management</i> , <b>2015</b> , 8, 272-283	1.3	7
27	A breath test to assess compliance with disulfiram. <i>Addiction</i> , <b>2006</b> , 101, 1705-10	4.6	7
26	Improving Exposure Assessment Methodologies for Epidemiological Studies on Pesticides: Study Protocol. <i>JMIR Research Protocols</i> , <b>2020</b> , 9, e16448	2	7
25	Biomonitoring for Occupational Exposure to Diisocyanates: A Systematic Review. <i>Annals of Work Exposures and Health</i> , <b>2020</b> , 64, 569-585	2.4	6
24	The application of global sensitivity analysis in the development of a physiologically based pharmacokinetic model for m-xylene and ethanol co-exposure in humans. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 135	5.6	6
23	Isocyanate exposure and asthma in the UK vehicle repair industry. <i>Occupational Medicine</i> , <b>2015</b> , 65, 713-8.1	2.1	6
22	Human Biomonitoring in Occupational Health for Exposure Assessment. <i>Portuguese Journal of Public Health</i> , <b>2020</b> , 38, 2-5	1.5	6
21	Development of a urinary biomarker for exposure to the organophosphate propetamphos: data from an oral and dermal human volunteer study. <i>Biomarkers</i> , <b>2002</b> , 7, 113-22	2.6	5
20	Engaging with Community Researchers for Exposure Science: Lessons Learned from a Pesticide Biomonitoring Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136347	3.7	5

19	HBM4EU chromates study - Reflection and lessons learnt from designing and undertaking a collaborative European biomonitoring study on occupational exposure to hexavalent chromium. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 234, 113725	6.9	5
18	Saliva as a matrix for biomonitoring of occupational and environmental exposure to lead. <i>Biomonitoring</i> , <b>2014</b> , 1,		4
17	Biological monitoring guidance values for chemical incidents. <i>Toxicology Letters</i> , <b>2014</b> , 231, 324-7	4.4	4
16	Benzene exposure during tunnelling--using biological monitoring to assess control measures and working practice. <i>Annals of Occupational Hygiene</i> , <b>2011</b> , 55, 248-52		4
15	Development of a Biomarker for Penconazole: A Human Oral Dosing Study and a Survey of UK Residents Exposure. <i>Toxics</i> , <b>2016</b> , 4,	4.7	4
14	Does familial risk for alcohol use disorder predict alcohol hangover?. <i>Psychopharmacology</i> , <b>2017</b> , 234, 1795-1802	4.7	3
13	INTEGRA: Investigating the Exposure Continuum from Global Scale Contamination to Tissue Dose. <i>ISEE Conference Abstracts</i> , <b>2014</b> , 2014, 2590	2.9	3
12	Identification of a biomarker for propetamphos and development of a biological monitoring assay. <i>Biomarkers</i> , <b>1999</b> , 4, 342-50	2.6	2
11	A human biomonitoring (HBM) Global Registry Framework: Further advancement of HBM research following the FAIR principles. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 238, 113828	6.9	2
10	Hexamethylene diisocyanate, 2,4-toluene diisocyanate, 2,6-toluene diisocyanate, isophorone diisocyanate and 4,4'-methylene diphenyl diisocyanate [Determination of hexamethylenediamine, 2,4-toluenediamine, 2,6-toluenediamine, isophoronediamine and 4,4'-methylenedianiline in urine using gas chromatography-mass spectrometry [Biomonitoring Methods, 2017] <b>2017</b> , 2, 1415-1435		1
9	Biological monitoring of polychlorinated biphenyls in plasma a comparison of enzyme linked immunosorbent assay and gas chromatography detection methods. <i>Biomarkers</i> , <b>1997</b> , 2, 193-5	2.6	1
8	Evaluation of two-year recall of self-reported pesticide exposure among Ugandan smallholder farmers.. <i>International Journal of Hygiene and Environmental Health</i> , <b>2022</b> , 240, 113911	6.9	1
7	HBM4EU Chromates Study: Determinants of Exposure to Hexavalent Chromium in Plating, Welding and Other Occupational Settings.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
6	Biological monitoring for isocyanates. <i>Occupational Medicine</i> , <b>2019</b> , 69, 515-517	2.1	0
5	X2018-The 9th International Conference on the Science of Exposure Assessment. <i>Annals of Work Exposures and Health</i> , <b>2019</b> , 63, 605-607	2.4	
4	Hexamethylendiisocyanat, 2,4-Toluylendiisocyanat, 2,6-Toluylendiisocyanat, Isophorondiisocyanat und Diphenylmethan-4,4'-diisocyanat [Bestimmung von Hexamethyldiamin, 2,4-Toluylendiamin, 2,6-Toluylendiamin, Isophorondiamin und 4,4'-Diaminodiphenylmethan in Urin mittels Gas chromatographie-massenspektrometrie [Biomonitoring Methods, 2017] <b>2017</b> , 2, 1415-1435		
3	Human volunteer studies investigating the potential for toxicokinetic interactions between the pesticides deltamethrin, pirimicarb and chlorpyrifos-methyl following oral exposure at the Acceptable Daily Intake. <i>Occupational and Environmental Medicine</i> , <b>2011</b> , 68, A120-A120	2.1	
2	A Response to the Paper Investigation of the "Hangover" Effects of an Acute Dose of Alcohol on Psychomotor Performance Sby Lemon. <i>Alcohol and Alcoholism</i> , <b>2008</b> , 43, 499-499	3.5	

- 1 Biological Monitoring: Evidence for Reductions in Occupational Exposure and Risk.. *Frontiers in Toxicology*, **2022**, 4, 836567 1.6