

Elaina M Kenyon

List of Publications by Year in Descending Order

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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.

61 papers	1,493 citations	21 h-index	37 g-index
62 ext. papers	1,598 ext. citations	3.9 avg, IF	4.21 L-index

#	Paper	IF	Citations
61	Genomic comparisons between hepatocarcinogenic and non-hepatocarcinogenic organophosphate insecticides in the mouse liver. <i>Toxicology</i> , 2021 , 465, 153046	4.4	1
60	Arsenic toxicokinetic modeling and risk analysis: Progress, needs and applications. <i>Toxicology</i> , 2021 , 457, 152809	4.4	3
59	Comparison of in vivo derived and scaled in vitro metabolic rate constants for several volatile organic compounds (VOCs). <i>Toxicology in Vitro</i> , 2020 , 69, 105002	3.6	1
58	The Impact of Scaling Factor Variability on Risk-Relevant Pharmacokinetic Outcomes in Children: A Case Study Using Bromodichloromethane (BDCM). <i>Toxicological Sciences</i> , 2019 , 167, 347-359	4.4	4
57	From the Cover: Genomic Effects of Androstenedione and Sex-Specific Liver Cancer Susceptibility in Mice. <i>Toxicological Sciences</i> , 2017 , 160, 15-29	4.4	10
56	The impact of variation in scaling factors on the estimation of internal dose metrics: a case study using bromodichloromethane (BDCM). <i>Toxicology Mechanisms and Methods</i> , 2016 , 26, 620-626	3.6	5
55	Dose and Effect Thresholds for Early Key Events in a PPAREMediated Mode of Action. <i>Toxicological Sciences</i> , 2016 , 149, 312-25	4.4	20
54	Development and application of a human PBPK model for bromodichloromethane to investigate the impacts of multi-route exposure. <i>Journal of Applied Toxicology</i> , 2016 , 36, 1095-111	4.1	8
53	Identifiability of PBPK models with applications to dimethylarsinic acid exposure. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2015 , 42, 591-609	2.7	14
52	Correlating in vitro data to in vivo findings for risk assessment. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2014 , 31, 79-90	4.3	13
51	Interspecies extrapolation. <i>Methods in Molecular Biology</i> , 2012 , 929, 501-20	1.4	14
50	Concentration- and time-dependent genomic changes in the mouse urinary bladder following exposure to arsenate in drinking water for up to 12 weeks. <i>Toxicological Sciences</i> , 2011 , 123, 421-32	4.4	46
49	Extrapolating the acute behavioral effects of toluene from 1- to 24-h exposures in rats: roles of dose metric and metabolic and behavioral tolerance. <i>Toxicological Sciences</i> , 2011 , 123, 180-92	4.4	6
48	Genome-wide analysis of DNA methylation and gene expression changes in the mouse lung following subchronic arsenate exposure. <i>Toxicological Sciences</i> , 2010 , 117, 404-17	4.4	38
47	Aging and susceptibility to toluene in rats: a pharmacokinetic, biomarker, and physiological approach. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010 , 73, 301-18	3.2	19
46	Neurobehavioral effects of acute exposure to four solvents: meta-analyses. <i>Toxicological Sciences</i> , 2009 , 109, 296-305	4.4	20
45	Acute perchloroethylene exposure alters rat visual-evoked potentials in relation to brain concentrations. <i>Toxicological Sciences</i> , 2009 , 108, 159-72	4.4	19

44	Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration. <i>Toxicology and Applied Pharmacology</i> , 2008 , 227, 26-35	4.6	31
43	How can biologically-based modeling of arsenic kinetics and dynamics inform the risk assessment process? - A workshop review. <i>Toxicology and Applied Pharmacology</i> , 2008 , 232, 359-68	4.6	13
42	Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water. <i>Toxicology and Applied Pharmacology</i> , 2008 , 232, 448-55	4.6	87
41	A physiologically based pharmacokinetic model for intravenous and ingested dimethylarsinic acid in mice. <i>Toxicological Sciences</i> , 2008 , 104, 250-60	4.4	32
40	Modeling the toxicokinetics of inhaled toluene in rats: influence of physical activity and feeding status. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008 , 71, 249-65	3.2	14
39	Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2008 , 35, 31-68	2.7	60
38	Research approaches to address uncertainties in the risk assessment of arsenic in drinking water. <i>Toxicology and Applied Pharmacology</i> , 2007 , 222, 399-404	4.6	19
37	Research toward the development of a biologically based dose response assessment for inorganic arsenic carcinogenicity: a progress report. <i>Toxicology and Applied Pharmacology</i> , 2007 , 222, 388-98	4.6	19
36	A dosimetric analysis of the acute behavioral effects of inhaled toluene in rats. <i>Toxicological Sciences</i> , 2007 , 99, 181-9	4.4	37
35	Quantitative comparisons of the acute neurotoxicity of toluene in rats and humans. <i>Toxicological Sciences</i> , 2007 , 100, 146-55	4.4	27
34	Acute toluene exposure and rat visual function in proportion to momentary brain concentration. <i>Toxicological Sciences</i> , 2007 , 99, 572-81	4.4	22
33	A General Physiological and Toxicokinetic (GPAT) Model for Simulating Complex Toluene Exposure Scenarios in Humans. <i>Toxicology Mechanisms and Methods</i> , 2006 , 16, 27-36	3.6	7
32	An integrated pharmacokinetic and pharmacodynamic study of arsenite action 2. Heme oxygenase induction in mice. <i>Toxicology</i> , 2005 , 206, 389-401	4.4	18
31	Tissue dosimetry, metabolism and excretion of pentavalent and trivalent monomethylated arsenic in mice after oral administration. <i>Toxicology and Applied Pharmacology</i> , 2005 , 208, 186-97	4.6	40
30	Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate. <i>Toxicological Sciences</i> , 2005 , 85, 468-75	4.4	77
29	Kinetic modeling of beta-chloroprene metabolism: II. The application of physiologically based modeling for cancer dose response analysis. <i>Toxicological Sciences</i> , 2004 , 79, 28-37	4.4	34
28	Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate. <i>Toxicology and Applied Pharmacology</i> , 2003 , 191, 202-10	4.6	127
27	Incorporating mechanistic insights in a PBPK model for arsenic 2003 , 369-377		1

26	Pharmacokinetic modeling of arsenite uptake and metabolism in hepatocytes--mechanistic insights and implications for further experiments. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2002 , 29, 207-34	2.7	17
25	A concise review of the toxicity and carcinogenicity of dimethylarsinic acid. <i>Toxicology</i> , 2001 , 160, 227-36	4.4	171
24	Application of modelling techniques to the planning of in vitro arsenic kinetic studies. <i>ATLA Alternatives To Laboratory Animals</i> , 2001 , 29, 15-33	2.1	8
23	Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration. <i>Toxicology</i> , 2000 , 143, 155-66	4.4	42
22	COMPARATIVE ANALYSIS OF SOFTWARE FOR PHYSIOLOGICALLY BASED PHARMACOKINETIC MODELING: SIMULATION, OPTIMIZATION, AND SENSITIVITY ANALYSIS 2000 , 10, 203-229		19
21	Personal fluoride and solvent exposures, and their determinants, in semiconductor manufacturing. <i>Journal of Occupational and Environmental Hygiene</i> , 2000 , 15, 354-61		7
20	Strain-dependent disposition of inorganic arsenic in the mouse. <i>Toxicology</i> , 1999 , 137, 95-108	4.4	32
19	An integrated pharmacokinetic and pharmacodynamic study of arsenite action. 1. Heme oxygenase induction in rats. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1999 , 19, 385-402		40
18	Influence of gender and acetone pretreatment on benzene metabolism in mice exposed by nose-only inhalation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1998 , 55, 421-43	3.2	10
17	Mechanistic Considerations in Benzene Physiological Model Development. <i>Environmental Health Perspectives</i> , 1996 , 104, 1399	8.4	5
16	Differences in rates of benzene metabolism correlate with observed genotoxicity. <i>Toxicology and Applied Pharmacology</i> , 1996 , 136, 49-56	4.6	25
15	Exposure in a household using gasoline-contaminated water. <i>Journal of Occupational and Environmental Medicine</i> , 1996 , 38, 35-8	2	6
14	Dose-, route-, and sex-dependent urinary excretion of phenol metabolites in B6C3F1 mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1995 , 44, 219-33	3.2	28
13	Benzene: a case study in parent chemical and metabolite interactions. <i>Toxicology</i> , 1995 , 105, 225-33	4.4	31
12	Comparison of β -glucuronidase activity in the small intestine and cecum under aerobic versus anaerobic incubation conditions. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1994 , 29, 1317-1321		1
11	Comparison of three methods of expressing β -glucuronidase activity in intestinal contents. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1994 , 29, 1305-1315		
10	Extent and implications of interspecies differences in the intestinal hydrolysis of certain glucuronide conjugates. <i>Xenobiotica</i> , 1993 , 23, 373-81	2	13
9	Effect of ascorbic acid supplementation on beta-glucuronidase activity in urine, intestinal, and cecal contents of rats. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1990 , 25, 299-316		

8	Inhibition of beta-glucuronidase in human urine by ascorbic acid. <i>Human and Experimental Toxicology</i> , 1990 , 9, 165-70	3.4	11
7	State air toxics programs. The perils of decentralized regulation. <i>Environmental Science & Technology</i> , 1989 , 23, 1323-1328	10.3	3
6	The effect of 3-methylcholanthrene-induced increases in ascorbic acid levels on tissue beta-glucuronidase activity in rats. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1988 , 23, 23-33		
5	The occurrence of chemically induced hormesis. <i>Health Physics</i> , 1987 , 52, 531-41	2.3	101
4	Isolation of <i>Sporothrix schenckii</i> from potting soil. <i>Mycopathologia</i> , 1984 , 87, 128	2.9	12
3	Isolation of pathogenic <i>Aspergillus</i> species from commercially-prepared potting media. <i>Mycopathologia</i> , 1984 , 87, 171-3	2.9	2
2	Toxicology and Epidemiology of Arsenic and its Compounds237-275		2
1	Toxicokinetics and Pharmacokinetic Modeling of Arsenic495-509		1