Agnes L Karmaus

List of Publications by Year
in descending order

46 papers	3,386 citations	249298 26 h-index	242451 47 g-index
49 all docs	49 docs citations	49 times ranked	3605 citing authors

#	Article	IF	Citations
1	Evaluation of Variability Across Rat Acute Oral Systemic Toxicity Studies. Toxicological Sciences, 2022, 188, 34-47.	1.4	22
2	Application of an Accessible Interface for Pharmacokinetic Modeling and In Vitro to In Vivo Extrapolation. Frontiers in Pharmacology, 2022, 13, 864742.	1.6	8
3	Principles and procedures for assessment of acute toxicity incorporating in silico methods. Computational Toxicology, 2022, 24, 100237.	1.8	5
4	Future foods symposium on alternative proteins: Workshop proceedings. Trends in Food Science and Technology, 2021, 107, 124-129.	7.8	10
5	CATMoS: Collaborative Acute Toxicity Modeling Suite. Environmental Health Perspectives, 2021, 129, 47013.	2.8	63
6	Application of new approach methodologies: ICE tools to support chemical evaluations. Computational Toxicology, 2021, 20, 100184.	1.8	31
7	Evaluation of Inhalation Exposures and Potential Health Impacts of Ingredient Mixtures Using in vitro to in vivo Extrapolation. Frontiers in Toxicology, 2021, 3, 787756.	1.6	4
8	An evaluation of the performance of selected (Q)SARs/expert systems for predicting acute oral toxicity. Computational Toxicology, 2020, 16, 100135.	1.8	9
9	An integrated chemical environment with tools for chemical safety testing. Toxicology in Vitro, 2020, 67, 104916.	1.1	37
10	CoMPARA: Collaborative Modeling Project for Androgen Receptor Activity. Environmental Health Perspectives, 2020, 128, 27002.	2.8	120
11	SAR and QSAR modeling of a large collection of LD50 rat acute oral toxicity data. Journal of Cheminformatics, 2019, 11, 58.	2.8	71
12	Incorporating new approach methodologies in toxicity testing and exposure assessment for tiered risk assessment using the RISK21 approach: Case studies on food contact chemicals. Food and Chemical Toxicology, 2019, 134, 110819.	1.8	25
13	Exploring current read-across applications and needs among selected U.S. Federal Agencies. Regulatory Toxicology and Pharmacology, 2019, 106, 197-209.	1.3	23
14	Nonanimal Models for Acute Toxicity Evaluations: Applying Data-Driven Profiling and Read-Across. Environmental Health Perspectives, 2019, 127, 47001.	2.8	56
15	Prediction of Acute Oral Systemic Toxicity Using a Multifingerprint Similarity Approach. Toxicological Sciences, 2019, 167, 484-495.	1.4	26
16	Assessing bioactivity-exposure profiles of fruit and vegetable extracts in the BioMAP profiling system. Toxicology in Vitro, 2019, 54, 41-57.	1.1	8
17	Evaluating opportunities for advancing the use of alternative methods in risk assessment through the development of fit-for-purpose in vitro assays. Toxicology in Vitro, 2018, 48, 310-317.	1.1	25
18	High-Throughput H295R Steroidogenesis Assay: Utility as an Alternative and a Statistical Approach to Characterize Effects on Steroidogenesis. Toxicological Sciences, 2018, 162, 509-534.	1.4	39

#	Article	IF	Citations
19	OPERA models for predicting physicochemical properties and environmental fate endpoints. Journal of Cheminformatics, 2018, 10, 10.	2.8	326
20	New approach methods for testing chemicals for endocrine disruption potential. Current Opinion in Toxicology, 2018, 9, 40-47.	2.6	14
21	Predictive models for acute oral systemic toxicity: A workshop to bridge the gap from research to regulation. Computational Toxicology, 2018, 8, 21-24.	1.8	62
22	A hybrid gene selection approach to create the S1500+ targeted gene sets for use in high-throughput transcriptomics. PLoS ONE, 2018, 13, e0191105.	1.1	110
23	Challenges for Integrating Immunotoxicology into the Twenty-First-Century Toxicology Testing Paradigm. Methods in Molecular Biology, 2018, 1803, 385-396.	0.4	3
24	Curation of food-relevant chemicals in ToxCast. Food and Chemical Toxicology, 2017, 103, 174-182.	1.8	11
25	Identification, categorization, and evaluation of food-use chemicals in ToxCast. Toxicology Letters, 2017, 280, S286-S287.	0.4	0
26	The CompTox Chemistry Dashboard: a community data resource for environmental chemistry. Journal of Cheminformatics, 2017, 9, 61.	2.8	674
27	CERAPP: Collaborative Estrogen Receptor Activity Prediction Project. Environmental Health Perspectives, 2016, 124, 1023-1033.	2.8	264
28	ToxCast Chemical Landscape: Paving the Road to 21st Century Toxicology. Chemical Research in Toxicology, 2016, 29, 1225-1251.	1.7	456
29	Evaluation of food-relevant chemicals in the ToxCast high-throughput screening program. Food and Chemical Toxicology, 2016, 92, 188-196.	1.8	53
30	High-Throughput Screening of Chemical Effects on Steroidogenesis Using H295R Human Adrenocortical Carcinoma Cells. Toxicological Sciences, 2016, 150, 323-332.	1.4	53
31	Integrated Model of Chemical Perturbations of a Biological Pathway Using 18In VitroHigh-Throughput Screening Assays for the Estrogen Receptor. Toxicological Sciences, 2015, 148, 137-154.	1.4	251
32	Atrazine-Mediated Disruption of Steroidogenesis in BLTK1 Murine Leydig Cells. Toxicological Sciences, 2015, 148, 544-554.	1.4	19
33	Comparisons of differential gene expression elicited by TCDD, PCB126, Î²NF, or ICZ in mouse hepatoma Hepa1c1c7 cells and C57BL/6 mouse liver. Toxicology Letters, 2013, 223, 52-59.	0.4	30
34	o-pâ€²-DDT-mediated uterotrophy and gene expression in immature C57BL/6 mice and Sprague–Dawley rats. Toxicology and Applied Pharmacology, 2013, 273, 532-541.	1.3	10
35	Comparative Analysis of Temporal and Dose-Dependent TCDD-Elicited Gene Expression in Human, Mouse, and Rat Primary Hepatocytes. Toxicological Sciences, 2013, 133, 54-66.	1.4	53
36	Triazine Herbicides and Their Chlorometabolites Alter Steroidogenesis in BLTK1 Murine Leydig Cells. Toxicological Sciences, 2013, 134, 155-167.	1.4	29

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37	Comparative Metabolomic and Genomic Analyses of TCDD-Elicited Metabolic Disruption in Mouse and Rat Liver. Toxicological Sciences, 2012, 125, 41-55.	1.4	63
38	BLTK1 Murine Leydig Cells: A Novel Steroidogenic Model for Evaluating the Effects of Reproductive and Developmental Toxicants. Toxicological Sciences, 2012, 127, 391-402.	1.4	58
39	Genome-wide gene expression effects in B6C3F1 mouse intestinal epithelia following 7 and 90 days of exposure to hexavalent chromium in drinking water. Toxicology and Applied Pharmacology, 2012, 259, 13-26.	1.3	45
40	Comparative toxicogenomic analysis of oral Cr(VI) exposure effects in rat and mouse small intestinal epithelia. Toxicology and Applied Pharmacology, 2012, 262, 124-138.	1.3	29
41	Genome-Wide Computational Analysis of Dioxin Response Element Location and Distribution in the Human, Mouse, and Rat Genomes. Chemical Research in Toxicology, 2011, 24, 494-504.	1.7	37
42	Identification of aryl hydrocarbon receptor binding targets in mouse hepatic tissue treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Toxicology and Applied Pharmacology, 2011, 257, 38-47.	1.3	21
43	Effects of TCDD on the expression of nuclear encoded mitochondrial genes. Toxicology and Applied Pharmacology, 2010, 246, 58-65.	1.3	42
44	Effects of tamoxifen and ethynylestradiol cotreatment on uterine gene expression in immature, ovariectomized mice. Journal of Molecular Endocrinology, 2010, 45, 161-173.	1.1	9
45	Tamoxifen-elicited uterotrophy: cross-species and cross-ligand analysis of the gene expression program. BMC Medical Genomics, 2009, 2, 19.	0.7	9
46	Comparative temporal and dose-dependent morphological and transcriptional uterine effects elicited by tamoxifen and ethynylestradiol in immature, ovariectomized mice. BMC Genomics, 2007, 8, 151.	1.2	34