Nisha S Sipes

List of Publications by Year
in descending order

30	2,956	304743 22	454955 30
papers	citations	h-index	g-index

32	32	32	3253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IVIVE: Facilitating the Use of In Vitro Toxicity Data in Risk Assessment and Decision Making. Toxics, 2022, 10, 232.	3.7	35
2	NAM-supported read-across: From case studies to regulatory guidance in safety assessment. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 140-150.	1.5	19
3	Benchmark Concentrations for Untargeted Metabolomics Versus Transcriptomics for Liver Injury Compounds in In Vitro Liver Models. Toxicological Sciences, 2021, 181, 175-186.	3.1	11
4	Profiling the Tox21 Chemical Collection for Acetylcholinesterase Inhibition. Environmental Health Perspectives, 2021, 129, 47008.	6.0	21
5	Predictive modeling of biological responses in the rat liver using in vitro Tox21 bioactivity: Benefits from high-throughput toxicokinetics. Computational Toxicology, 2021, 18, 100166.	3.3	30
6	Improving natural product research translation: From source to clinical trial. FASEB Journal, 2020, 34, 41-65.	0.5	45
7	Development and evaluation of a high throughput inhalation model for organic chemicals. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 866-877.	3.9	13
8	Organophosphate Ester Flame Retardants: Are They a Regrettable Substitution for Polybrominated Diphenyl Ethers?. Environmental Science and Technology Letters, 2019, 6, 638-649.	8.7	343
9	Using the concordance of in vitro and in vivo data to evaluate extrapolation assumptions. PLoS ONE, 2019, 14, e0217564.	2.5	37
10	Using Tox21 High-Throughput Screening Assays for the Evaluation of Botanical and Dietary Supplements. Applied in Vitro Toxicology, 2019, 5, 10-25.	1.1	15
11	Screening for neurotoxic potential of 15 flame retardants using freshwater planarians. Neurotoxicology and Teratology, 2019, 73, 54-66.	2.4	33
12	The Power of Resolution: Contextualized Understanding of Biological Responses to Liver Injury Chemicals Using High-throughput Transcriptomics and Benchmark Concentration Modeling. Toxicological Sciences, 2019, 169, 553-566.	3.1	54
13	The Carcinogenome Project: In Vitro Gene Expression Profiling of Chemical Perturbations to Predict Long-Term Carcinogenicity. Environmental Health Perspectives, 2019, 127, 47002.	6.0	20
14	Identifying Attributes That InfluenceIn Vitro-to-In VivoConcordance by ComparingIn VitroTox21 Bioactivity VersusIn VivoDrugMatrix Transcriptomic Responses Across 130 Chemicals. Toxicological Sciences, 2019, 167, 157-171.	3.1	25
15	Screening for Developmental Neurotoxicity at the National Toxicology Program: The Future Is Here. Toxicological Sciences, 2019, 167, 6-14.	3.1	36
16	Leveraging human genetic and adverse outcome pathway (AOP) data to inform susceptibility in human health risk assessment. Mammalian Genome, 2018, 29, 190-204.	2.2	24
17	Evaluating In Vitro-In Vivo Extrapolation of Toxicokinetics. Toxicological Sciences, 2018, 163, 152-169.	3.1	98
18	Channel Interactions and Robust Inference for Ratiometric Î²-Lactamase Assay Data: A Tox21 Library Analysis. ACS Sustainable Chemistry and Engineering, 2018, 6, 3233-3241.	6.7	1

#	Article	IF	Citations
19	In vitro to in vivo extrapolation for high throughput prioritization and decision making. Toxicology in Vitro, 2018, 47, 213-227.	2.4	162
20	Toxicity profiling of flame retardants in zebrafish embryos using a battery of assays for developmental toxicity, neurotoxicity, cardiotoxicity and hepatotoxicity toward human relevance. Neurotoxicology and Teratology, 2018, 70, 40-50.	2.4	104
21	A hybrid gene selection approach to create the S1500+ targeted gene sets for use in high-throughput transcriptomics. PLoS ONE, 2018, 13, e0191105.	2.5	110
22	An Intuitive Approach for Predicting Potential Human Health Risk with the Tox21 10k Library. Environmental Science & Technology, 2017, 51, 10786-10796.	10.0	120
23	httk: R Package for High-Throughput Toxicokinetics. Journal of Statistical Software, 2017, 79, 1-26.	3.7	256
24	Comparative neurotoxicity screening in human iPSC-derived neural stem cells, neurons and astrocytes. Brain Research, 2016, 1638, 57-73.	2.2	108
25	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.	3.1	251
26	In Vitro and Modelling Approaches to Risk Assessment from the U.S. Environmental Protection Agency ToxCast Programme. Basic and Clinical Pharmacology and Toxicology, 2014, 115, 69-76.	2.5	114
27	Profiling 976 ToxCast Chemicals across 331 Enzymatic and Receptor Signaling Assays. Chemical Research in Toxicology, 2013, 26, 878-895.	3.3	162
28	Update on EPAâ€™s ToxCast Program: Providing High Throughput Decision Support Tools for Chemical Risk Management. Chemical Research in Toxicology, 2012, 25, 1287-1302.	3.3	410
29	Predictive Models of Prenatal Developmental Toxicity from ToxCast High-Throughput Screening Data. Toxicological Sciences, 2011, 124, 109-127.	3.1	186
30	Environmental Impact on Vascular Development Predicted by High-Throughput Screening. Environmental Health Perspectives, 2011, 119, 1596-1603.	6.0	112