

Nancy C Baker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6392061/publications.pdf>

Version: 2024-02-01

18
papers

1,172
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1605
citing authors

#	ARTICLE	IF	CITATIONS
1	Pluripotent stem cell assays: Modalities and applications for predictive developmental toxicity. <i>Current Research in Toxicology</i> , 2022, 3, 100074.	2.7	7
2	Development of a Flame Retardant and an Organohalogen Flame Retardant Chemical Inventory. <i>Scientific Data</i> , 2022, 9, .	5.3	18
3	Retinoid signaling in skeletal development: Scoping the system for predictive toxicology. <i>Reproductive Toxicology</i> , 2021, 99, 109-130.	2.9	11
4	High-throughput toxicogenomic screening of chemicals in the environment using metabolically competent hepatic cell cultures. <i>Npj Systems Biology and Applications</i> , 2021, 7, 7.	3.0	28
5	An ontology for developmental processes and toxicities of neural tube closure. <i>Reproductive Toxicology</i> , 2021, 99, 160-167.	2.9	15
6	Characterizing cleft palate toxicants using ToxCast data, chemical structure, and the biomedical literature. <i>Birth Defects Research</i> , 2020, 112, 19-39.	1.5	26
7	Computational biology and in silico toxicodynamics. <i>Current Opinion in Toxicology</i> , 2020, 23-24, 119-126.	5.0	8
8	A cross-platform approach to characterize and screen potential neurovascular unit toxicants. <i>Reproductive Toxicology</i> , 2020, 96, 300-315.	2.9	1
9	Connecting environmental exposure and neurodegeneration using cheminformatics and high resolution mass spectrometry: potential and challenges. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1426-1445.	3.5	13
10	Workflow for Defining Reference Chemicals for Assessing Performance of In Vitro Assays. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 261-276.	1.5	11
11	Computational Model of Secondary Palate Fusion and Disruption. <i>Chemical Research in Toxicology</i> , 2017, 30, 965-979.	3.3	55
12	Blood-brain barrier development: Systems modeling and predictive toxicology. <i>Birth Defects Research</i> , 2017, 109, 1680-1710.	1.5	50
13	The CompTox Chemistry Dashboard: a community data resource for environmental chemistry. <i>Journal of Cheminformatics</i> , 2017, 9, 61.	6.1	674
14	Abstract Sifter: a comprehensive front-end system to PubMed. <i>F1000Research</i> , 2017, 6, 2164.	1.6	45
15	Systems Toxicology of Male Reproductive Development: Profiling 774 Chemicals for Molecular Targets and Adverse Outcomes. <i>Environmental Health Perspectives</i> , 2016, 124, 1050-1061.	6.0	49
16	A Computational Model Predicting Disruption of Blood Vessel Development. <i>PLoS Computational Biology</i> , 2013, 9, e1002996.	3.2	104
17	Mining connections between chemicals, proteins, and diseases extracted from Medline annotations. <i>Journal of Biomedical Informatics</i> , 2010, 43, 510-519.	4.3	54
18	In Silico Screening: Retrospective Evaluation of Clinical Evidence to Establish a Reference List of Human Chemical Respiratory Sensitizers. <i>Frontiers in Toxicology</i> , 0, 4, .	3.1	3