Erica D D Bruce

List of Publications by Year
in descending order

21	404	840776 11	752698 20
papers	citations	h-index	g-index

22	22	22	778
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PBDE developmental effects on embryonic zebrafish. Environmental Toxicology and Chemistry, 2011, 30, 1865-1872.	4.3	100
2	Hydroxylated PBDEs induce developmental arrest in zebrafish. Toxicology and Applied Pharmacology, 2012, 262, 43-51.	2.8	55
3	Evaluation of Common Use Brominated Flame Retardant (BFR) Toxicity Using a Zebrafish Embryo Model. Toxics, 2016, 4, 21.	3.7	36
4	Non-specific interactions between soluble proteins and lipids induce irreversible changes in the properties of lipid bilayers. Soft Matter, 2013, 9, 4219-4226.	2.7	34
5	Assessing the translocation of silver nanoparticles using an in vitro co-culture model of human airway barrier. Toxicology in Vitro, 2019, 56, 1-9.	2.4	24
6	Comparing deterministic and probabilistic risk assessments for sites contaminated by polycyclic aromatic hydrocarbons (PAHs). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 697-706.	1.7	22
7	Neuroimaging and traumatic brain injury: State of the field and voids in translational knowledge. Molecular and Cellular Neurosciences, 2015, 66, 103-113.	2.2	22
8	UPTAKE AND METABOLISM OF INDIVIDUAL POLYBROMINATED DIPHENYL ETHER CONGENERS BY EMBRYONIC ZEBRAFISH. Environmental Toxicology and Chemistry, 2013, 32, 1153-1160.	4.3	19
9	Particle uptake efficiency is significantly affected by type of capping agent and cell line. Journal of Applied Toxicology, 2015, 35, 1114-1121.	2.8	19
10	Using Quantitative Structureâ€“Activity Relationships (QSAR) to Predict Toxic Endpoints for Polycyclic Aromatic Hydrocarbons (PAH). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 1073-1084.	2.3	15
11	Comparison of PBDE congeners as inducers of oxidative stress in zebrafish. Environmental Toxicology and Chemistry, 2015, 34, 1154-1160.	4.3	15
12	Evaluating a novel oxygenating therapeutic for its potential use in the advancement of wound healing. Toxicology in Vitro, 2017, 43, 62-68.	2.4	9
13	Binary Mixtures of Polycyclic Aromatic Hydrocarbons Display Nonadditive Mixture Interactions in an In Vitro Liver Cell Model. Risk Analysis, 2016, 36, 968-991.	2.7	7
14	Designing quantitative structure activity relationships to predict specific toxic endpoints for polybrominated diphenyl ethers in mammalian cells. SAR and QSAR in Environmental Research, 2014, 25, 527-549.	2.2	3
15	Oral ingestion of a novel oxygenating compound, Ox66â„¢, is non-toxic and has the potential to increase oxygenation. Food and Chemical Toxicology, 2019, 125, 217-224.	3.6	3
16	Evaluating the endothelial-microglial interaction and comprehensive inflammatory marker profiles under acute exposure to ultrafine diesel exhaust particles in vitro. Toxicology, 2021, 454, 152748.	4.2	3
17	Gavage approach to oxygen supplementation with oxygen therapeutic Ox66â„¢ in a hypoventilation rodent model of respiratory distress. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 709-716.	2.8	3
18	Modeling toxic endpoints for improving human health risk assessment of polycyclic aromatic hydrocarbons â€“ parent compounds and simple mixtures. Toxicological and Environmental Chemistry, 2009, 91, 137-156.	1.2	2

#	Article	IF	Citations
19	A quantitative and non-invasive method for nanoparticle translocation and toxicity evaluation in a human airway barrier model. MethodsX, 2020, 7, 100869.	1.6	1
20	Evaluation of an Injectable, Solid-State, Oxygen-Delivering Compound (Ox66) in a Rodent Model of Pulmonary Dysfunction-Induced Hypoxia. Military Medicine, 2023, 188, 1701-1707.	0.8	1
21	Using in vitro to in vivo extrapolation (IVIVE) to develop toxicity metrics for human health risk assessment of polybrominated diphenyl ethers (PBDE). International Journal of Environmental Studies, 2017, 74, 42-65.	1.6	0