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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Evaluation of Common Use Brominated Flame Retardant (BFR) Toxicity Using a Zebrafish Embryo Model. Toxics, 2016, 4, 21.	3.7	36
10	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
11	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
12	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
13	Comparison of PBDE congeners as inducers of oxidative stress in zebrafish. Environmental Toxicology and Chemistry, 2015, 34, 1154-1160.	4.3	15
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	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
16	UPTAKE AND METABOLISM OF INDIVIDUAL POLYBROMINATED DIPHENYL ETHER CONGENERS BY EMBRYONIC ZEBRAFISH. Environmental Toxicology and Chemistry, 2013, 32, 1153-1160.	4.3	19
17	Hydroxylated PBDEs induce developmental arrest in zebrafish. Toxicology and Applied Pharmacology, 2012, 262, 43-51.	2.8	55
18	PBDE developmental effects on embryonic zebrafish. Environmental Toxicology and Chemistry, 2011, 30, 1865-1872.	4.3	100

#	Article	IF	Citations
19	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
20	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
21	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