Andrew Williams

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6050558/publications.pdf

Version: 2024-02-01

22 papers	1,091 citations	471509 17 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1308 citing authors

#	Article	IF	Citations
1	MWCNTs of different physicochemical properties cause similar inflammatory responses, but differences in transcriptional and histological markers of fibrosis in mouse lungs. Toxicology and Applied Pharmacology, 2015, 284, 16-32.	2.8	159
2	Hepatic and Pulmonary Toxicogenomic Profiles in Mice Intratracheally Instilled With Carbon Black Nanoparticles Reveal Pulmonary Inflammation, Acute Phase Response, and Alterations in Lipid Homeostasis. Toxicological Sciences, 2012, 127, 474-484.	3.1	96
3	Pulmonary instillation of low doses of titanium dioxide nanoparticles in mice leads to particle retention and gene expression changes in the absence of inflammation. Toxicology and Applied Pharmacology, 2013, 269, 250-262.	2.8	91
4	Transcriptomic Analysis Reveals Novel Mechanistic Insight into Murine Biological Responses to Multi-Walled Carbon Nanotubes in Lungs and Cultured Lung Epithelial Cells. PLoS ONE, 2013, 8, e80452.	2.5	80
5	Multi-walled carbon nanotube-induced genotoxic, inflammatory and pro-fibrotic responses in mice: Investigating the mechanisms of pulmonary carcinogenesis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 823, 28-44.	1.7	72
6	Case study on the utility of hepatic global gene expression profiling in the risk assessment of the carcinogen furan. Toxicology and Applied Pharmacology, 2014, 274, 63-77.	2.8	70
7	Changes in cholesterol homeostasis and acute phase response link pulmonary exposure to multi-walled carbon nanotubes to risk of cardiovascular disease. Toxicology and Applied Pharmacology, 2015, 283, 210-222.	2.8	57
8	Maternal inhalation of surface-coated nanosized titanium dioxide (UV-Titan) in C57BL/6 mice: effects in prenatally exposed offspring on hepatic DNA damage and gene expression. Nanotoxicology, 2013, 7, 85-96.	3.0	56
9	Transcriptional profiling identifies physicochemical properties of nanomaterials that are determinants of the in vivo pulmonary response. Environmental and Molecular Mutagenesis, 2015, 56, 245-264.	2.2	54
10	Gene expression profiling to identify potentially relevant disease outcomes and support human health risk assessment for carbon black nanoparticle exposure. Toxicology, 2013, 303, 83-93.	4.2	50
11	Carbon black nanoparticles induce biphasic gene expression changes associated with inflammatory responses in the lungs of C57BL/6 mice following a single intratracheal instillation. Toxicology and Applied Pharmacology, 2015, 289, 573-588.	2.8	45
12	Carbon black nanoparticle intratracheal installation results in large and sustained changes in the expression of miRâ€135b in mouse lung. Environmental and Molecular Mutagenesis, 2012, 53, 462-468.	2.2	44
13	Acute phase response and inflammation following pulmonary exposure to low doses of zinc oxide nanoparticles in mice. Nanotoxicology, 2019, 13, 1275-1292.	3.0	42
14	Toxicogenomic outcomes predictive of forestomach carcinogenesis following exposure to benzo(a)pyrene: Relevance to human cancer risk. Toxicology and Applied Pharmacology, 2013, 273, 269-280.	2.8	33
15	Characterizing Benzo[a]pyrene-induced lacZ mutation spectrum in transgenic mice using next-generation sequencing. BMC Genomics, 2015, 16, 812.	2.8	32
16	Ranking of nanomaterial potency to induce pathway perturbations associated with lung responses. NanoImpact, 2019, 14, 100158.	4.5	30
17	A predictive toxicogenomics signature to classify genotoxic versus non-genotoxic chemicals in human TK6 cells. Data in Brief, 2015, 5, 77-83.	1.0	25
18	Carbon Black Nanoparticle Intratracheal Instillation Does Not Alter Cardiac Gene Expression. Cardiovascular Toxicology, 2013, 13, 406-412.	2.7	14

#	Article	IF	Citations
19	Single-molecule PCR analysis of an unstable microsatellite for detecting mutations in sperm of mice exposed to chemical mutagens. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 775, 26-32.	1.0	13
20	Gene expression analysis of livers from female B6C3F1 mice exposed to carcinogenic and non-carcinogenic doses of furan, with or without bromodeoxyuridine (BrdU) treatment. Genomics Data, 2014, 2, 117-122.	1.3	11
21	Bromodeoxyuridine (BrdU) treatment to measure hepatocellular proliferation does not mask furan-induced gene expression changes in mouse liver. Toxicology, 2014, 323, 26-31.	4.2	11
22	Toxicity screening of air extracts representing different source sectors in the Greater Toronto and Hamilton areas: In vitro oxidative stress, pro-inflammatory response, and toxicogenomic analysis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 872, 503415.	1.7	5