Pius Joseph

List of Publications by Year in descending order

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35 papers	3,020 citations	430442 18 h-index	395343 33 g-index
39 all docs	39 docs citations	39 times ranked	3765 citing authors

#	Article	IF	Citations
1	Pulmonary toxicity and gene expression changes in response to whole-body inhalation exposure to multi-walled carbon nanotubes in rats. Inhalation Toxicology, 2022, 34, 200-218.	0.8	7
2	Lung toxicity and gene expression changes in response to whole-body inhalation exposure to cellulose nanocrystal in rats. Inhalation Toxicology, 2021, 33, 66-80.	0.8	5
3	Tobacco Smoke Exposure Exacerbated Crystalline Silica-Induced Lung Toxicity in Rats. Toxicological Sciences, 2020, 178, 375-390.	1.4	12
4	Biological effects of inhaled hydraulic fracturing sand dust. V. Pulmonary inflammatory, cytotoxic and oxidant effects. Toxicology and Applied Pharmacology, 2020, 408, 115280.	1.3	10
5	Highly Sensitive Lab on a Chip (LOC) Immunoassay for Early Diagnosis of Respiratory Disease Caused by Respirable Crystalline Silica (RCS). Analytical Chemistry, 2019, 91, 6652-6660.	3.2	13
6	Molecular mechanisms of pulmonary response progression in crystalline silica exposed rats. Inhalation Toxicology, 2017, 29, 53-64.	0.8	18
7	Transcriptomics in toxicology. Food and Chemical Toxicology, 2017, 109, 650-662.	1.8	58
8	Pulmonary toxicity and global gene expression changes in response to sub-chronic inhalation exposure to crystalline silica in rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 1349-1368.	1.1	17
9	Silica inhalation altered telomere length and gene expression of telomere regulatory proteins in lung tissue of rats. Scientific Reports, 2017, 7, 17284.	1.6	12
10	Molecular insights into the progression of crystalline silicaâ€induced pulmonary toxicity in rats. Journal of Applied Toxicology, 2013, 33, 301-312.	1.4	32
11	Blood transcriptomics: applications in toxicology. Journal of Applied Toxicology, 2013, 33, 1193-1202.	1.4	12
12	Transcriptomics analysis of lungs and peripheral blood of crystalline silica-exposed rats. Inhalation Toxicology, 2012, 24, 570-579.	0.8	14
13	Blood Gene Expression Profiling Detects Silica Exposure and Toxicity. Toxicological Sciences, 2011, 122, 253-264.	1.4	30
14	Mechanisms of crystalline silica-induced pulmonary toxicity revealed by global gene expression profiling. Inhalation Toxicology, 2011, 23, 927-937.	0.8	26
15	Blood gene expression markers to detect and distinguish target organ toxicity. Molecular and Cellular Biochemistry, 2010, 335, 223-234.	1.4	41
16	Mechanisms of cadmium carcinogenesisâ˜†. Toxicology and Applied Pharmacology, 2009, 238, 272-279.	1.3	415
17	Heme-oxygenase 1 Gene Expression is a Marker for Hexavalent Chromium-Induced Stress and Toxicity in Human Dermal Fibroblasts. Toxicological Sciences, 2008, 103, 325-334.	1.4	28
18	Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death. Molecular and Cellular Biochemistry, 2005, 279, 123-131.	1.4	19

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19	Eukaryotic Translation Initiation Factor 4E Is a Cellular Target for Toxicity and Death Due to Exposure to Cadmium Chloride. Journal of Biological Chemistry, 2005, 280, 25162-25169.	1.6	57
20	Up-regulation of expression of translation factors â€“ a novel molecular mechanism for cadmium carcinogenesis. Molecular and Cellular Biochemistry, 2004, 255, 93-101.	1.4	41
21	Expression profile of eukaryotic translation factors in human cancer tissues and cell lines. Molecular Carcinogenesis, 2004, 40, 171-179.	1.3	32
22	Molecular and cellular mechanisms of cadmium carcinogenesis. Toxicology, 2003, 192, 95-117.	2.0	1,280
23	Oncogenic Potential of Mouse Translation Elongation Factor-1Î´, a Novel Cadmium-responsive Proto-oncogene. Journal of Biological Chemistry, 2002, 277, 6131-6136.	1.6	50
24	Antisense inhibition of translation initiation factor 3 reverses its oncogenic potential. Teratogenesis, Carcinogenesis, and Mutagenesis, 2002, 22, 403-409.	0.8	8
25	Molecular cloning and functional analysis of a novel cadmium-responsive proto-oncogene. Cancer Research, 2002, 62, 703-7.	0.4	31
26	Gene expression profile in BALB/c-3T3 cells transformed with beryllium sulfate. Molecular Carcinogenesis, 2001, 32, 28-35.	1.3	20
27	Role of NAD(P)H:quinone oxidoreductase 1 (DT diaphorase) in protection against quinone toxicity. Biochemical Pharmacology, 2000, 60, 207-214.	2.0	95
28	Disruption of the DT Diaphorase (NQO1) Gene in Mice Leads to Increased Menadione Toxicity. Journal of Biological Chemistry, 1998, 273, 7382-7389.	1.6	237
29	Abnormal Microsomal Detoxification Implicated in Fanconi Anemia Group C by Interaction of the FAC Protein With NADPH Cytochrome P450 Reductase. Blood, 1998, 92, 3050-3056.	0.6	145
30	Abnormal Microsomal Detoxification Implicated in Fanconi Anemia Group C by Interaction of the FAC Protein With NADPH Cytochrome P450 Reductase. Blood, 1998, 92, 3050-3056.	0.6	8
31	Catalytic Properties of NAD(P)H:Quinone Oxidoreductase-2 (NQO2), a Dihydronicotinamide Riboside Dependent Oxidoreductase. Archives of Biochemistry and Biophysics, 1997, 347, 221-228.	1.4	133
32	Gene Expression of DT-Diaphorase in Cancer Cells. , 1997, , 441-469.		20
33	Non-enzymatic and enzymatic activation of mitomycin C: Identification of a unique cytosolic activity. , 1996, 65, 263-271.		45
34	Peroxidative xenobiotic oxidation by partially purified peroxidase and lipoxygenase from human fetal tissues at 10 weeks of gestation. General Pharmacology, 1995, 26, 107-112.	0.7	15
35	Bioactivation of benzo(a)pyrene-7,8-dihydrodiol catalyzed by lipoxygenase purified from human term placenta and conceptal tissues. Reproductive Toxicology, 1994, 8, 307-313.	1.3	34