

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
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39
all docs

39
docs citations

39
times ranked

3765
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular and cellular mechanisms of cadmium carcinogenesis. <i>Toxicology</i> , 2003, 192, 95-117.	2.0	1,280
2	Mechanisms of cadmium carcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 272-279.	1.3	415
3	Disruption of the DT Diaphorase (NQO1) Gene in Mice Leads to Increased Menadione Toxicity. <i>Journal of Biological Chemistry</i> , 1998, 273, 7382-7389.	1.6	237
4	Abnormal Microsomal Detoxification Implicated in Fanconi Anemia Group C by Interaction of the FAC Protein With NADPH Cytochrome P450 Reductase. <i>Blood</i> , 1998, 92, 3050-3056.	0.6	145
5	Catalytic Properties of NAD(P)H:Quinone Oxidoreductase-2 (NQO2), a Dihydronicotinamide Riboside Dependent Oxidoreductase. <i>Archives of Biochemistry and Biophysics</i> , 1997, 347, 221-228.	1.4	133
6	Role of NAD(P)H:quinone oxidoreductase 1 (DT diaphorase) in protection against quinone toxicity. <i>Biochemical Pharmacology</i> , 2000, 60, 207-214.	2.0	95
7	Transcriptomics in toxicology. <i>Food and Chemical Toxicology</i> , 2017, 109, 650-662.	1.8	58
8	Eukaryotic Translation Initiation Factor 4E Is a Cellular Target for Toxicity and Death Due to Exposure to Cadmium Chloride. <i>Journal of Biological Chemistry</i> , 2005, 280, 25162-25169.	1.6	57
9	Oncogenic Potential of Mouse Translation Elongation Factor-1 β , a Novel Cadmium-responsive Proto-oncogene. <i>Journal of Biological Chemistry</i> , 2002, 277, 6131-6136.	1.6	50
10	Non-enzymatic and enzymatic activation of mitomycin C: Identification of a unique cytosolic activity. , 1996, 65, 263-271.		45
11	Up-regulation of expression of translation factors "a novel molecular mechanism for cadmium carcinogenesis. <i>Molecular and Cellular Biochemistry</i> , 2004, 255, 93-101.	1.4	41
12	Blood gene expression markers to detect and distinguish target organ toxicity. <i>Molecular and Cellular Biochemistry</i> , 2010, 335, 223-234.	1.4	41
13	Bioactivation of benzo(a)pyrene-7,8-dihydrodiol catalyzed by lipoxygenase purified from human term placenta and conceptual tissues. <i>Reproductive Toxicology</i> , 1994, 8, 307-313.	1.3	34
14	Expression profile of eukaryotic translation factors in human cancer tissues and cell lines. <i>Molecular Carcinogenesis</i> , 2004, 40, 171-179.	1.3	32
15	Molecular insights into the progression of crystalline silica-induced pulmonary toxicity in rats. <i>Journal of Applied Toxicology</i> , 2013, 33, 301-312.	1.4	32
16	Molecular cloning and functional analysis of a novel cadmium-responsive proto-oncogene. <i>Cancer Research</i> , 2002, 62, 703-7.	0.4	31
17	Blood Gene Expression Profiling Detects Silica Exposure and Toxicity. <i>Toxicological Sciences</i> , 2011, 122, 253-264.	1.4	30
18	Heme-oxygenase 1 Gene Expression is a Marker for Hexavalent Chromium-Induced Stress and Toxicity in Human Dermal Fibroblasts. <i>Toxicological Sciences</i> , 2008, 103, 325-334.	1.4	28

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19	Mechanisms of crystalline silica-induced pulmonary toxicity revealed by global gene expression profiling. <i>Inhalation Toxicology</i> , 2011, 23, 927-937.	0.8	26
20	Gene expression profile in BALB/c-3T3 cells transformed with beryllium sulfate. <i>Molecular Carcinogenesis</i> , 2001, 32, 28-35.	1.3	20
21	Gene Expression of DT-Diaphorase in Cancer Cells. , 1997, , 441-469.		20
22	Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death. <i>Molecular and Cellular Biochemistry</i> , 2005, 279, 123-131.	1.4	19
23	Molecular mechanisms of pulmonary response progression in crystalline silica exposed rats. <i>Inhalation Toxicology</i> , 2017, 29, 53-64.	0.8	18
24	Pulmonary toxicity and global gene expression changes in response to sub-chronic inhalation exposure to crystalline silica in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1349-1368.	1.1	17
25	Peroxidative xenobiotic oxidation by partially purified peroxidase and lipoxygenase from human fetal tissues at 10 weeks of gestation. <i>General Pharmacology</i> , 1995, 26, 107-112.	0.7	15
26	Transcriptomics analysis of lungs and peripheral blood of crystalline silica-exposed rats. <i>Inhalation Toxicology</i> , 2012, 24, 570-579.	0.8	14
27	Highly Sensitive Lab on a Chip (LOC) Immunoassay for Early Diagnosis of Respiratory Disease Caused by Respirable Crystalline Silica (RCS). <i>Analytical Chemistry</i> , 2019, 91, 6652-6660.	3.2	13
28	Blood transcriptomics: applications in toxicology. <i>Journal of Applied Toxicology</i> , 2013, 33, 1193-1202.	1.4	12
29	Silica inhalation altered telomere length and gene expression of telomere regulatory proteins in lung tissue of rats. <i>Scientific Reports</i> , 2017, 7, 17284.	1.6	12
30	Tobacco Smoke Exposure Exacerbated Crystalline Silica-Induced Lung Toxicity in Rats. <i>Toxicological Sciences</i> , 2020, 178, 375-390.	1.4	12
31	Biological effects of inhaled hydraulic fracturing sand dust. V. Pulmonary inflammatory, cytotoxic and oxidant effects. <i>Toxicology and Applied Pharmacology</i> , 2020, 408, 115280.	1.3	10
32	Antisense inhibition of translation initiation factor 3 reverses its oncogenic potential. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2002, 22, 403-409.	0.8	8
33	Abnormal Microsomal Detoxification Implicated in Fanconi Anemia Group C by Interaction of the FAC Protein With NADPH Cytochrome P450 Reductase. <i>Blood</i> , 1998, 92, 3050-3056.	0.6	8
34	Pulmonary toxicity and gene expression changes in response to whole-body inhalation exposure to multi-walled carbon nanotubes in rats. <i>Inhalation Toxicology</i> , 2022, 34, 200-218.	0.8	7
35	Lung toxicity and gene expression changes in response to whole-body inhalation exposure to cellulose nanocrystal in rats. <i>Inhalation Toxicology</i> , 2021, 33, 66-80.	0.8	5