

# Seishiro Hirano

## List of Publications by Citations

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130  
papers

4,716  
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36  
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63  
g-index

140  
ext. papers

5,174  
ext. citations

4.3  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
130	A new metabolic pathway of arsenite: arsenic-glutathione complexes are substrates for human arsenic methyltransferase Cyt19. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 183-91	5.8	388
129	Metabolism of arsenic and its toxicological relevance. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 969-79	5.8	216
128	Oxidative damage to mitochondria is a preliminary step to caspase-3 activation in fluoride-induced apoptosis in HL-60 cells. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 367-73	7.8	183
127	Multi-walled carbon nanotubes injure the plasma membrane of macrophages. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 232, 244-51	4.6	167
126	The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 198, 458-67	4.6	148
125	Effects of multi-walled carbon nanotubes on a murine allergic airway inflammation model. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 237, 306-16	4.6	132
124	Chronic oral exposure to inorganic arsenate interferes with methylation status of p16INK4a and RASSF1A and induces lung cancer in A/J mice. <i>Toxicological Sciences</i> , <b>2006</b> , 91, 372-81	4.4	119
123	Extrapulmonary translocation of intratracheally instilled fine and ultrafine particles via direct and alveolar macrophage-associated routes. <i>Archives of Toxicology</i> , <b>2009</b> , 83, 429-37	5.8	117
122	Effects of airway exposure to nanoparticles on lung inflammation induced by bacterial endotoxin in mice. <i>Environmental Health Perspectives</i> , <b>2006</b> , 114, 1325-30	8.4	114
121	Arsenic trioxide inhibits DNA methyltransferase and restores methylation-silenced genes in human liver cancer cells. <i>Human Pathology</i> , <b>2006</b> , 37, 298-311	3.7	109
120	Arsenic metabolism and thioarsenicals in hamsters and rats. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 616-24	4	102
119	Oxidative-stress potency of organic extracts of diesel exhaust and urban fine particles in rat heart microvessel endothelial cells. <i>Toxicology</i> , <b>2003</b> , 187, 161-70	4.4	100
118	Uptake and cytotoxic effects of multi-walled carbon nanotubes in human bronchial epithelial cells. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 249, 8-15	4.6	91
117	Effects of phytoestrogens and environmental estrogens on osteoblastic differentiation in MC3T3-E1 cells. <i>Toxicology</i> , <b>2004</b> , 196, 137-45	4.4	90
116	Difference in uptake and toxicity of trivalent and pentavalent inorganic arsenic in rat heart microvessel endothelial cells. <i>Archives of Toxicology</i> , <b>2003</b> , 77, 305-12	5.8	90
115	A murine scavenger receptor MARCO recognizes polystyrene nanoparticles. <i>Toxicological Sciences</i> , <b>2007</b> , 97, 398-406	4.4	89
114	Speciation of arsenic in tube-well water samples collected from West Bengal, India, by high-performance liquid chromatography-inductively coupled plasma mass spectrometry. <i>Applied Organometallic Chemistry</i> , <b>2002</b> , 16, 202-209	3.1	72

113	Arsenic speciation in the urine and hair of individuals exposed to airborne arsenic through coal-burning in Guizhou, PR China. <i>Toxicology Letters</i> , <b>2003</b> , 137, 35-48	4.4	69
112	Arsenic speciation in bile and urine following oral and intravenous exposure to inorganic and organic arsenics in rats. <i>Toxicological Sciences</i> , <b>2004</b> , 82, 478-87	4.4	68
111	Spatial learning and memory function-related gene expression in the hippocampus of mouse exposed to nanoparticle-rich diesel exhaust. <i>NeuroToxicology</i> , <b>2008</b> , 29, 940-7	4.4	65
110	Effects of inhaled nanoparticles on acute lung injury induced by lipopolysaccharide in mice. <i>Toxicology</i> , <b>2007</b> , 238, 99-110	4.4	61
109	Characteristics and modifying factors of asbestos-induced oxidative DNA damage. <i>Cancer Science</i> , <b>2008</b> , 99, 2142-51	6.9	57
108	cDNA microarray analysis of gene expression in rat alveolar macrophages in response to organic extract of diesel exhaust particles. <i>Toxicological Sciences</i> , <b>2002</b> , 67, 241-6	4.4	57
107	Difference in the toxicity mechanism between ion and nanoparticle forms of silver in the mouse lung and in macrophages. <i>Toxicology</i> , <b>2015</b> , 328, 84-92	4.4	56
106	Western blot analysis. <i>Methods in Molecular Biology</i> , <b>2012</b> , 926, 87-97	1.4	51
105	Nanoparticle-rich diesel exhaust affects hippocampal-dependent spatial learning and NMDA receptor subunit expression in female mice. <i>Nanotoxicology</i> , <b>2012</b> , 6, 543-53	5.3	48
104	Effects of PAMAM dendrimers with various surface functional groups and multiple generations on cytotoxicity and neuronal differentiation using human neural progenitor cells. <i>Journal of Toxicological Sciences</i> , <b>2016</b> , 41, 351-70	1.9	48
103	The role of toll-like receptor 4 in airway inflammation induced by diesel exhaust particles. <i>Archives of Toxicology</i> , <b>2006</b> , 80, 275-9	5.8	46
102	Stability of arsenic metabolites, arsenic triglutathione [As(GS)3] and methylarsenic diglutathione [CH3As(GS)2], in rat bile. <i>Toxicology</i> , <b>2005</b> , 211, 115-23	4.4	45
101	Subchronic exposure to arsenic through drinking water alters expression of cancer-related genes in rat liver. <i>Toxicologic Pathology</i> , <b>2004</b> , 32, 64-72	2.1	42
100	Seasonal differences of the atmospheric particle size distribution in a metropolitan area in Japan. <i>Science of the Total Environment</i> , <b>2012</b> , 437, 339-47	10.2	40
99	Induction of oxidative stress and inhibition of plasminogen activator inhibitor-1 production in endothelial cells following exposure to organic extracts of diesel exhaust particles and urban fine particles. <i>Archives of Toxicology</i> , <b>2006</b> , 80, 154-62	5.8	39
98	cDNA microarray analysis of rat alveolar epithelial cells following exposure to organic extract of diesel exhaust particles. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 201, 178-85	4.6	39
97	A current overview of health effect research on nanoparticles. <i>Environmental Health and Preventive Medicine</i> , <b>2009</b> , 14, 223-5	4.2	36
96	Effects of the phytoestrogen coumestrol on RANK-ligand-induced differentiation of osteoclasts. <i>Toxicology</i> , <b>2004</b> , 203, 211-20	4.4	36

95	Changes in element concentration and distribution in breast-milk fractions of a healthy lactating mother. <i>Biological Trace Element Research</i> , <b>1991</b> , 28, 109-21	4.5	36
94	Inhaled nitric oxide reduces tyrosine nitration after lipopolysaccharide instillation into lungs of rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 678-88	10.2	34
93	Apoptotic cell death following exposure to fluoride in rat alveolar macrophages. <i>Archives of Toxicology</i> , <b>1996</b> , 70, 249-51	5.8	34
92	Distribution, localization, and pulmonary effects of yttrium chloride following intratracheal instillation into the rat. <i>Toxicology and Applied Pharmacology</i> , <b>1990</b> , 104, 301-11	4.6	34
91	Effects of PAMAM dendrimers in the mouse brain after a single intranasal instillation. <i>Toxicology Letters</i> , <b>2014</b> , 228, 207-15	4.4	33
90	Theoretical calculations and reaction analysis on the interaction of pentavalent thioarsenicals with biorelevant thiol compounds. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 550-3	4	33
89	Effects of diesel engine exhaust origin secondary organic aerosols on novel object recognition ability and maternal behavior in BALB/c mice. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 11286-307	4.6	31
88	Nano-QSAR modeling for ecosafe design of heterogeneous TiO <sub>2</sub> -based nano-photocatalysts. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 1150-1160	7.1	30
87	Extracellular glutamate level and NMDA receptor subunit expression in mouse olfactory bulb following nanoparticle-rich diesel exhaust exposure. <i>Inhalation Toxicology</i> , <b>2009</b> , 21, 828-36	2.7	30
86	Transfer of hexachlorobenzene (HCB) from mother to newborn baby through placenta and milk. <i>Archives of Toxicology</i> , <b>1985</b> , 56, 195-200	5.8	30
85	Macrophage receptor with collagenous structure (MARCO) is a dynamic adhesive molecule that enhances uptake of carbon nanotubes by CHO-K1 cells. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 259, 96-103	4.6	29
84	Novel object recognition ability in female mice following exposure to nanoparticle-rich diesel exhaust. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 262, 355-62	4.6	29
83	Speciation analysis of selenium metabolites in urine and breath by HPLC- and GC-inductively coupled plasma-MS after administration of selenomethionine and methylselenocysteine to rats. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 1795-801	4	29
82	Pulmonary clearance and inflammatory potency of intratracheally instilled or acutely inhaled nickel sulfate in rats. <i>Archives of Toxicology</i> , <b>1994</b> , 68, 548-54	5.8	29
81	Characterization of dilution conditions for diesel nanoparticle inhalation studies. <i>Inhalation Toxicology</i> , <b>2009</b> , 21, 200-9	2.7	28
80	Characterization and influence of hydroxyapatite nanopowders on living cells. <i>Beilstein Journal of Nanotechnology</i> , <b>2018</b> , 9, 3079-3094	3	28
79	Differential Regulation of IL-1 $\beta$ and IL-6 Release in Murine Macrophages. <i>Inflammation</i> , <b>2017</b> , 40, 1933-1943		27
78	Identification of arsenite- and arsenic diglutathione-binding proteins in human hepatocarcinoma cells. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 242, 119-25	4.6	27

77	Comparison of Oxidative Abilities of PM2.5 Collected at Traffic and Residential Sites in Japan. Contribution of Transition Metals and Primary and Secondary Aerosols. <i>Aerosol and Air Quality Research</i> , <b>2017</b> , 17, 574-587	4.6	27
76	Toxicity of cadmium oxide instilled into the rat lung. II. Inflammatory responses in broncho-alveolar lavage fluid. <i>Toxicology</i> , <b>1989</b> , 55, 25-35	4.4	26
75	Pulmonary clearance and toxicity of zinc oxide instilled into the rat lung. <i>Archives of Toxicology</i> , <b>1989</b> , 63, 336-42	5.8	26
74	Combined experimental and computational approach to developing efficient photocatalysts based on Au/Pd/TiO <sub>2</sub> nanoparticles. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 1425-1435	7.1	26
73	Evaluating the toxicity of TiO <sub>2</sub> -based nanoparticles to Chinese hamster ovary cells and a complementary experimental and computational approach. <i>Beilstein Journal of Nanotechnology</i> , <b>2017</b> , 8, 2171-2180	3	25
72	Quantitative time-course profiles of bronchoalveolar lavage cells following intratracheal instillation of lipopolysaccharide in mice. <i>Industrial Health</i> , <b>1997</b> , 35, 353-8	2.5	25
71	Cytotoxic effects of S-(dimethylarsino)-glutathione: a putative intermediate metabolite of inorganic arsenicals. <i>Toxicology</i> , <b>2006</b> , 227, 45-52	4.4	25
70	Analysis of arsenic metabolites in HepG2 and AS3MT-transfected cells. <i>Archives of Toxicology</i> , <b>2011</b> , 85, 577-88	5.8	24
69	Transcription of krox-20/egr-2 is upregulated after exposure to fibrous particles and adhesion in rat alveolar macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2000</b> , 23, 313-9	5.7	24
68	The role of Rho-kinases in IL-1 $\beta$ release through phagocytosis of fibrous particles in human monocytes. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 73-85	5.8	23
67	Toxicity of cadmium oxide instilled into the rat lung. I. Metabolism of cadmium oxide in the lung and its effects on essential elements. <i>Toxicology</i> , <b>1989</b> , 55, 15-24	4.4	23
66	Biotransformation of arsenic and toxicological implication of arsenic metabolites. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 2587-2601	5.8	23
65	Nasal instillation of nanoparticle-rich diesel exhaust particles slightly affects emotional behavior and learning capability in rats. <i>Journal of Toxicological Sciences</i> , <b>2011</b> , 36, 267-76	1.9	21
64	Diphenylarsinic acid increased the synthesis and release of neuroactive and vasoactive peptides in rat cerebellar astrocytes. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2012</b> , 71, 468-79	3.1	21
63	Localization of zinc after in vitro mineralization in osteoblastic cells. <i>Biological Trace Element Research</i> , <b>2001</b> , 83, 39-47	4.5	21
62	Particle deposition efficiency at air/liquid interface of a cell exposure chamber. <i>Journal of Aerosol Science</i> , <b>2015</b> , 81, 90-99	4.3	20
61	Mitochondrial electron transport is inhibited by disappearance of metallothionein in human bronchial epithelial cells following exposure to silver nitrate. <i>Toxicology</i> , <b>2013</b> , 305, 20-9	4.4	19
60	Metabolism and pulmonary toxicity of intratracheally instilled cupric sulfate in rats. <i>Toxicology</i> , <b>1990</b> , 64, 223-33	4.4	19

59	Developmental subchronic exposure to diphenylarsinic acid induced increased exploratory behavior, impaired learning behavior, and decreased cerebellar glutathione concentration in rats. <i>Toxicological Sciences</i> , <b>2013</b> , 136, 478-86	4.4	18
58	Expression and activity of arsenic methyltransferase Cyt19 in rat tissues. <i>Environmental Toxicology and Pharmacology</i> , <b>2007</b> , 23, 115-20	5.8	18
57	Effects of intratracheal pretreatment with yttrium chloride (YCl <sub>3</sub> ) on inflammatory responses of the rat lung following intratracheal instillation of YCl <sub>3</sub> . <i>Toxicology Letters</i> , <b>1998</b> , 99, 43-51	4.4	18
56	Effects of endogenous hydrogen peroxide and glutathione on the stability of arsenic metabolites in rat bile. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 232, 33-40	4.6	17
55	Interaction of rat alveolar macrophages with pulmonary epithelial cells following exposure to lipopolysaccharide. <i>Archives of Toxicology</i> , <b>1996</b> , 70, 230-6	5.8	17
54	Benzalkonium chloride and cetylpyridinium chloride induce apoptosis in human lung epithelial cells and alter surface activity of pulmonary surfactant monolayers. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 317, 108962	5	16
53	Distribution and excretion of arsenic in cynomolgus monkey following repeated administration of diphenylarsinic acid. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 553-61	5.8	16
52	Exposure of BALB/c Mice to Diesel Engine Exhaust Origin Secondary Organic Aerosol (DE-SOA) during the Developmental Stages Impairs the Social Behavior in Adult Life of the Males. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 524	5.1	16
51	Effects of exposure to nanoparticle-rich or -depleted diesel exhaust on allergic pathophysiology in the murine lung. <i>Journal of Toxicological Sciences</i> , <b>2013</b> , 38, 35-48	1.9	15
50	Selective activation of NF-kappaB and E2F by low concentration of arsenite in U937 human monocytic leukemia cells. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2008</b> , 22, 136-46	3.4	15
49	Inflammatory responses of rat alveolar macrophages following exposure to fluoride. <i>Archives of Toxicology</i> , <b>1999</b> , 73, 310-5	5.8	15
48	Biochemical changes in the rat lung and liver following intratracheal instillation of cadmium oxide. <i>Toxicology Letters</i> , <b>1990</b> , 50, 97-105	4.4	15
47	Generation of Airborne Multi-Walled Carbon Nanotubes for Inhalation Studies. <i>Aerosol Science and Technology</i> , <b>2009</b> , 43, 881-890	3.4	14
46	Effects of organic chemicals derived from ambient particulate matter on lung inflammation related to lipopolysaccharide. <i>Archives of Toxicology</i> , <b>2006</b> , 80, 833-8	5.8	14
45	Pulmonary clearance and toxicity of intratracheally instilled cupric oxide in rats. <i>Archives of Toxicology</i> , <b>1993</b> , 67, 312-7	5.8	14
44	Effects of acute single intranasal instillation of secondary organic aerosol on neurological and immunological biomarkers in the brain and lung of BALB/c mice. <i>Journal of Toxicological Sciences</i> , <b>2013</b> , 38, 71-82	1.9	13
43	Type I collagen is a non-adhesive extracellular matrix for macrophages. <i>Archives of Histology and Cytology</i> , <b>2000</b> , 63, 71-9		13
42	Role of TLR4 in olfactory-based spatial learning activity of neonatal mice after developmental exposure to diesel exhaust origin secondary organic aerosol. <i>NeuroToxicology</i> , <b>2017</b> , 63, 155-165	4.4	12



41	Accumulation and toxicity of monophenyl arsenicals in rat endothelial cells. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 54-61	5.8	12
40	The toxicological analysis of secondary organic aerosol in human lung epithelial cells and macrophages. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 22747-22755	5.1	11
39	Functional and biochemical effects on rat lung following instillation of crocidolite and chrysotile asbestos. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>1988</b> , 24, 27-39	3.2	11
38	The role of glutathione in the metabolism of diphenylarsinic acid in rats. <i>Metallomics</i> , <b>2013</b> , 5, 469-78	4.5	10
37	Macrophage Receptor with Collagenous Structure (MARCO) Is Processed by either Macropinocytosis or Endocytosis-Autophagy Pathway. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142062	3.7	10
36	Effects of eicosane, a component of nanoparticles in diesel exhaust, on surface activity of pulmonary surfactant monolayers. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 841-50	5.8	10
35	Nanoparticles in Emissions and Atmospheric Environment: Now and Future. <i>Journal of Nanoparticle Research</i> , <b>2003</b> , 5, 311-321	2.3	10
34	Chemotactic responses of osteoblastic MC3T3-E1 cells toward zinc chloride. <i>Biological Trace Element Research</i> , <b>2001</b> , 83, 49-55	4.5	10
33	Cellular uptake of paraquat determines subsequent toxicity including mitochondrial damage in lung epithelial cells. <i>Legal Medicine</i> , <b>2019</b> , 37, 7-14	1.9	10
32	Oxidative stress and cytotoxic effects of silver ion in mouse lung macrophages J774.1 cells. <i>Journal of Applied Toxicology</i> , <b>2017</b> , 37, 471-478	4.1	9
31	Effects of arsenic on modification of promyelocytic leukemia (PML): PML responds to low levels of arsenite. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 273, 590-9	4.6	9
30	In vitro and in vivo cytotoxic effects of nitric oxide on metastatic cells. <i>Cancer Letters</i> , <b>1997</b> , 115, 57-62	9.9	9
29	Nano-Sized Secondary Organic Aerosol of Diesel Engine Exhaust Origin Impairs Olfactory-Based Spatial Learning Performance in Prewaning Mice. <i>Nanomaterials</i> , <b>2015</b> , 5, 1147-1162	5.4	8
28	A novel genotoxicity assay of carbon nanotubes using functional macrophage receptor with collagenous structure (MARCO)-expressing chicken B lymphocytes. <i>Archives of Toxicology</i> , <b>2014</b> , 88, 145-60	5.8	8
27	Upregulation of heme oxygenase gene expression in rat lung epithelial cells following exposure to cadmium. <i>Archives of Toxicology</i> , <b>1999</b> , 73, 410-2	5.8	8
26	Rapid speciation and quantification of selenium compounds by HPLC-ICP MS using multiple standards labelled with different isotopes. <i>Isotopes in Environmental and Health Studies</i> , <b>2011</b> , 47, 330-40	1.5	7
25	krox-20/egr-2 is up-regulated following non-specific and homophilic adhesion in rat macrophages. <i>Immunology</i> , <b>2002</b> , 107, 86-92	7.8	7
24	Scavenger receptor MARCO contributes to cellular internalization of exosomes by dynamin-dependent endocytosis and macropinocytosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 21795	4.9	7

23	Dysregulation of MAP Kinase Signaling Pathways Including p38MAPK, SAPK/JNK, and ERK1/2 in Cultured Rat Cerebellar Astrocytes Exposed to Diphenylarsinic Acid. <i>Toxicological Sciences</i> , <b>2017</b> , 156, 509-519	4.4	6
22	Solubility shift and SUMOylation of promyelocytic leukemia (PML) protein in response to arsenic(III) and fate of the SUMOylated PML. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 287, 191-201	4.6	6
21	Effects of diesel exhaust-derived secondary organic aerosol (SOA) on oocytes: Potential risks to meiotic maturation. <i>Reproductive Toxicology</i> , <b>2018</b> , 75, 56-64	3.4	6
20	Application of thermoresponsive HPLC to forensic toxicology: determination of barbiturates in human urine. <i>Forensic Toxicology</i> , <b>2009</b> , 27, 103-106	2.6	6
19	Relevance of autophagy markers to cytotoxicity of zinc compounds in macrophages. <i>Toxicology in Vitro</i> , <b>2020</b> , 65, 104816	3.6	5
18	Aggregation is a critical cause of poor transfer into the brain tissue of intravenously administered cationic PAMAM dendrimer nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 3967-3975	7.3	5
17	Distribution and Excretion of Arsenic Metabolites after Oral Administration of Seafood-Related Organoarsenicals in Rats. <i>Metals</i> , <b>2016</b> , 6, 231	2.3	5
16	Solubility changes of promyelocytic leukemia (PML) and SUMO monomers and dynamics of PML nuclear body proteins in arsenite-treated cells. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 360, 150-159	4.6	5
15	Automatic Control of Aerosol Concentrations in Exposure Chambers. <i>AIHA Journal</i> , <b>1987</b> , 48, 972-976		4
14	Perinatal Exposure to Diesel Exhaust-Origin Secondary Organic Aerosol Induces Autism-Like Behavior in Rats. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
13	Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice. <i>Biochemical Pharmacology</i> , <b>2017</b> , 126, 79-86	6	3
12	PCR-based subtraction analyses for upregulated gene transcription in cadmium-exposed rat lung type 2 epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 308, 133-8	3.4	3
11	Correlation between inflammatory cellular responses and chemotactic activity in bronchoalveolar lavage fluid following intratracheal instillation of nickel sulfate in rats. <i>Archives of Toxicology</i> , <b>1994</b> , 68, 444-9	5.8	3
10	Diphenylarsinic Acid Induced Activation of Cultured Rat Cerebellar Astrocytes: Phosphorylation of Mitogen-Activated Protein Kinases, Upregulation of Transcription Factors, and Release of Brain-Active Cytokines. <i>Toxicological Sciences</i> , <b>2016</b> , 150, 74-83	4.4	2
9	Health Effects of Silver Nanoparticles and Silver Ions. <i>Current Topics in Environmental Health and Preventive Medicine</i> , <b>2016</b> , 137-147	0.3	2
8	A Proportional Method for the Dilution of Submicron Hygroscopic Aerosols. <i>AIHA Journal</i> , <b>1987</b> , 48, 969-971		1
7	SUMOylation regulates the number and size of promyelocytic leukemia-nuclear bodies (PML-NBs) and arsenic perturbs SUMO dynamics on PML by insolubilizing PML in THP-1 cells.. <i>Archives of Toxicology</i> , <b>2022</b> , 96, 545	5.8	1
6	Revisit to health effects of asbestos. <i>Japanese Journal of Thrombosis and Hemostasis</i> , <b>2006</b> , 17, 74-77	0	1



- 5 Effects of arsenic on the topology and solubility of promyelocytic leukemia (PML)-nuclear bodies.. *PLoS ONE*, **2022**, 17, e0268835 3.7 0
- 4 Proteomic study of human bronchial epithelial cells exposed to SiC nanoparticles. *Journal of Physics: Conference Series*, **2011**, 304, 012088 0.3
- 3 Effects of diesel exhaust derived secondary organic aerosol (DE-SOA) exposure during developmental period on anxiety and depression in mice. *Indoor Environment*, **2019**, 22, 23-32 0
- 2 Studies on the Nature and Significance of Collagen in Experimentally Induced Oral Submucous Fibrosis in Rats.. *Journal of Clinical Biochemistry and Nutrition*, **1999**, 27, 123-130 3.1
- 1 Autophagy as a Biomarker of Cytotoxicity. *Biomarkers in Disease*, **2022**, 1-20