

Khaled Hossain

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,945
citations

159573

30
h-index

276858

41
g-index

66
all docs

66
docs citations

66
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Glyoxal and methylglyoxal trigger distinct signals for map family kinases and caspase activation in human endothelial cells. <i>Free Radical Biology and Medicine</i> , 2001, 31, 20-30.	2.9	132
2	Arsenite Induces Apoptosis of Murine T Lymphocytes Through Membrane Raft-Linked Signaling for Activation of c-Jun Amino-Terminal Kinase. <i>Journal of Immunology</i> , 2000, 165, 4290-4297.	0.8	109
3	Dose-response relationship between arsenic exposure and the serum enzymes for liver function tests in the individuals exposed to arsenic: a cross sectional study in Bangladesh. <i>Environmental Health</i> , 2011, 10, 64.	4.0	83
4	Increases in Oxidized Low-Density Lipoprotein and Other Inflammatory and Adhesion Molecules With a Concomitant Decrease in High-Density Lipoprotein in the Individuals Exposed to Arsenic in Bangladesh. <i>Toxicological Sciences</i> , 2013, 135, 17-25.	3.1	69
5	Paeoniflorin induces apoptosis of lymphocytes through a redox-linked mechanism. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 162-172.	2.6	68
6	Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines. <i>Journal of Cellular Biochemistry</i> , 2001, 82, 200-214.	2.6	55
7	c-Kit-Targeting Immunotherapy for Hereditary Melanoma in a Mouse Model. <i>Cancer Research</i> , 2004, 64, 801-806.	0.9	52
8	Association between arsenic exposure and plasma cholinesterase activity: a population based study in Bangladesh. <i>Environmental Health</i> , 2010, 9, 36.	4.0	52
9	A Novel Mouse Model for <i>De novo</i> Melanoma. <i>Cancer Research</i> , 2010, 70, 24-29.	0.9	48
10	Isolation and characterization of a <i>Lysinibacillus</i> strain B1-CDA showing potential for bioremediation of arsenics from contaminated water. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 1349-1360.	1.7	47
11	Bioremediation of hexavalent chromium (VI) by a soil-borne bacterium, <i>Enterobacter cloacae</i> B2-DHA. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 1136-1147.	1.7	47
12	Liver injury in severe COVID-19 infection: current insights and challenges. <i>Expert Review of Gastroenterology and Hepatology</i> , 2020, 14, 879-884.	3.0	46
13	Chronic exposure to arsenic, LINE-1 hypomethylation, and blood pressure: a cross-sectional study in Bangladesh. <i>Environmental Health</i> , 2017, 16, 20.	4.0	43
14	Dose-dependent relationships between chronic arsenic exposure and cognitive impairment and serum brain-derived neurotrophic factor. <i>Environment International</i> , 2019, 131, 105029.	10.0	42
15	Elevated levels of plasma uric acid and its relation to hypertension in arsenic-endemic human individuals in Bangladesh. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 11-18.	2.8	41
16	T-Cell-Immunity-Based Inhibitory Effects of Orally Administered Herbal Medicine Juzen-taiho-to on the Growth of Primarily Developed Melanocytic Tumors in RET-Transgenic Mice. <i>Journal of Investigative Dermatology</i> , 2001, 117, 694-701.	0.7	38
17	Acrolein induces activation of the epidermal growth factor receptor of human keratinocytes for cell death. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 679-688.	2.6	38
18	Interaction between chronic arsenic exposure via drinking water and plasma lactate dehydrogenase activity. <i>Science of the Total Environment</i> , 2010, 409, 278-283.	8.0	37

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19	Determination of aflatoxin M1 in urine samples indicates frequent dietary exposure to aflatoxin B1 in the Bangladeshi population. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 271-281.	4.3	37
20	Glyoxal and methylglyoxal induce lyoxal and methyglyoxal induce aggergation and inactivation of ERK in human endothelial cells. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1228-1235.	2.9	35
21	Modes of activation of mitogen-activated protein kinases and their roles in cepharanthine-induced apoptosis in human leukemia cells. <i>Cellular Signalling</i> , 2002, 14, 509-515.	3.6	35
22	First results on citrinin biomarkers in urines from rural and urban cohorts in Bangladesh. <i>Mycotoxin Research</i> , 2015, 31, 9-16.	2.3	35
23	Blood plasma biomarkers of citrinin and ochratoxin A exposure in young adults in Bangladesh. <i>Mycotoxin Research</i> , 2018, 34, 59-67.	2.3	35
24	Association between chronic arsenic exposure and the characteristic features of asthma. <i>Chemosphere</i> , 2020, 246, 125790.	8.2	35
25	Elevated concentrations of serum matrix metalloproteinase-2 and -9 and their associations with circulating markers of cardiovascular diseases in chronic arsenic-exposed individuals. <i>Environmental Health</i> , 2015, 14, 92.	4.0	33
26	Caspase activation is accelerated by the inhibition of arsenite-induced, membrane rafts-dependent Akt activation. <i>Free Radical Biology and Medicine</i> , 2003, 34, 598-606.	2.9	32
27	Individual and Combined Effects of Arsenic and Lead on Behavioral and Biochemical Changes in Mice. <i>Biological Trace Element Research</i> , 2017, 177, 288-296.	3.5	32
28	Elevated levels of plasma Big endothelin-1 and its relation to hypertension and skin lesions in individuals exposed to arsenic. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 187-194.	2.8	31
29	Higher risk of hyperglycemia with greater susceptibility in females in chronic arsenic-exposed individuals in Bangladesh. <i>Science of the Total Environment</i> , 2019, 668, 1004-1012.	8.0	31
30	Associations of total arsenic in drinking water, hair and nails with serum vascular endothelial growth factor in arsenic-endemic individuals in Bangladesh. <i>Chemosphere</i> , 2015, 120, 336-342.	8.2	30
31	Urinary biomarkers of ochratoxin A and citrinin exposure in two Bangladeshi cohorts: follow-up study on regional and seasonal influences. <i>Archives of Toxicology</i> , 2016, 90, 2683-2697.	4.2	30
32	Ultraviolet Radiation Induces Both Full Activation of Ret Kinase and Malignant Melanocytic Tumor Promotion in RFP-RET-Transgenic Mice. <i>Journal of Investigative Dermatology</i> , 2000, 115, 1157-1158.	0.7	27
33	Protective effects of <i>Moringa oleifera</i> Lam. leaves against arsenic-induced toxicity in mice. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, S353-S358.	1.2	27
34	Redox-Linked Cell Surface-Oriented Signaling for T-Cell Death. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 445-454.	5.4	26
35	Occurrence of aflatoxin M1 in urines from rural and urban adult cohorts in Bangladesh. <i>Archives of Toxicology</i> , 2016, 90, 1749-1755.	4.2	26
36	Antimony-Induced Neurobehavioral and Biochemical Perturbations in Mice. <i>Biological Trace Element Research</i> , 2018, 186, 199-207.	3.5	26

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37	Biomonitoring of ochratoxin A in blood plasma and exposure assessment of adult students in Bangladesh. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2219-2225.	3.3	25
38	Molecular Mechanism of Activation and Superactivation of Ret Tyrosine Kinases by Ultraviolet Light Irradiation. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 841-849.	5.4	24
39	Arsenic exposure-related hyperglycemia is linked to insulin resistance with concomitant reduction of skeletal muscle mass. <i>Environment International</i> , 2020, 143, 105890.	10.0	24
40	Protective Effect of Hyperpigmented Skin on UV-Mediated Cutaneous Cancer Development. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1244-1249.	0.7	22
41	Exposure to air pollution and COVID-19 severity: A review of current insights, management, and challenges. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 1114-1122.	2.9	20
42	l-cysteine as a regulator for arsenic-mediated cancer-promoting and anti-cancer effects. <i>Toxicology in Vitro</i> , 2011, 25, 623-629.	2.4	17
43	T helper 2-driven immune dysfunction in chronic arsenic-exposed individuals and its link to the features of allergic asthma. <i>Toxicology and Applied Pharmacology</i> , 2021, 420, 115532.	2.8	16
44	Amelioration of arsenic-induced toxic effects in mice by dietary supplementation of leaf extract. <i>Nagoya Journal of Medical Science</i> , 2017, 79, 167-177.	0.3	16
45	Association between arsenic exposure and soluble thrombomodulin: A cross sectional study in Bangladesh. <i>PLoS ONE</i> , 2017, 12, e0175154.	2.5	15
46	Arsenic-induced Histological Alterations in Various Organs of Mice. <i>Journal of Cytology & Histology</i> , 2015, 06, .	0.1	14
47	Manganese attenuates the effects of arsenic on neurobehavioral and biochemical changes in mice co-exposed to arsenic and manganese. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29257-29266.	5.3	14
48	In vivo evaluation of arsenic-associated behavioral and biochemical alterations in F0 and F1 mice. <i>Chemosphere</i> , 2020, 245, 125619.	8.2	14
49	A redox-linked novel pathway for arsenic-mediated RET tyrosine kinase activation. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 399-407.	2.6	13
50	Protective effects of the dietary supplementation of turmeric (<i>Curcuma longa</i> L.) on sodium arsenite-induced biochemical perturbation in mice. <i>Bangladesh Medical Research Council Bulletin</i> , 2011, 36, 82-88.	0.2	13
51	Butyrylcholinesterase a potential plasma biomarker in manganese-induced neurobehavioral changes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6378-6387.	5.3	12
52	Evidence of Both Extra- and Intracellular Cysteine Targets of Protein Modification for Activation of RET Kinase. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 826-831.	2.1	10
53	In silico and in vivo studies of molecular structures and mechanisms of AtPCS1 protein involved in binding arsenite and/or cadmium in plant cells. <i>Journal of Molecular Modeling</i> , 2014, 20, 2104.	1.8	10
54	Arsenic Secondary Methylation Capacity Is Inversely Associated with Arsenic Exposure-Related Muscle Mass Reduction. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9730.	2.6	10

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55	Parental Lead Exposure Promotes Neurobehavioral Disorders and Hepatic Dysfunction in Mouse Offspring. <i>Biological Trace Element Research</i> , 2022, 200, 1171-1180.	3.5	8
56	Arsenic Enhances Matrix Metalloproteinase-14 Expression in Fibroblasts. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 1053-1055.	2.3	7
57	Involvement of MKK6 in TCR α ^{hi} CD69 ^{lo} : a target population for apoptotic cell death in thymocytes. <i>FASEB Journal</i> , 2003, 17, 1-22.	0.5	6
58	Characteristics and Health Effects of Arsenic Exposure in Bangladesh. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2019, , 43-60.	0.1	6
59	Novel Hairless RET-Transgenic Mouse Line with Melanocytic Nevi and Anagen Hair Follicles. <i>Journal of Investigative Dermatology</i> , 2006, 126, 2547-2550.	0.7	4
60	Elevated serum periostin levels among arsenic-exposed individuals and their associations with the features of asthma. <i>Chemosphere</i> , 2022, 298, 134277.	8.2	4
61	Reduction of Sodium Arsenite-Mediated Adverse Effects in Mice using Dietary Supplementation of Water Hyacinth (<i>Eichornia crassipes</i>) Root Powder. <i>Avicenna Journal of Medical Biotechnology</i> , 2012, 4, 148-54.	0.3	3
62	1,4-butanediol-bismethanethiosulfonate (BMTS) induces apoptosis through reactive oxygen species-mediated mechanism. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 1059-1065.	2.6	2
63	In vivo analysis of toxic effect of hydrose used in food preparations in Bangladesh. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 884-889.	1.2	2
64	Ameliorating effects of <i>Raphanus sativus</i> leaves on sodium arsenite-induced perturbation of blood indices in Swiss albino mice. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 915-920.	1.2	2
65	Gender Differences in the Risk of Metabolic Syndrome Among Chronic Arsenic-Exposed Individuals in Bangladesh. <i>Exposure and Health</i> , 2022, 14, 595-608.	4.9	2