

# Khaled Hossain

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,945  
citations

182225

30  
h-index

312153

41  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parental Lead Exposure Promotes Neurobehavioral Disorders and Hepatic Dysfunction in Mouse Offspring. <i>Biological Trace Element Research</i> , 2022, 200, 1171-1180.	1.9	8
2	Gender Differences in the Risk of Metabolic Syndrome Among Chronic Arsenic-Exposed Individuals in Bangladesh. <i>Exposure and Health</i> , 2022, 14, 595-608.	2.8	2
3	Elevated serum periostin levels among arsenic-exposed individuals and their associations with the features of asthma. <i>Chemosphere</i> , 2022, 298, 134277.	4.2	4
4	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.	1.6	20
5	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.	1.3	16
6	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.	1.2	10
7	Association between chronic arsenic exposure and the characteristic features of asthma. <i>Chemosphere</i> , 2020, 246, 125790.	4.2	35
8	In Vivo evaluation of arsenic-associated behavioral and biochemical alterations in F0 and F1 mice. <i>Chemosphere</i> , 2020, 245, 125619.	4.2	14
9	Liver injury in severe COVID-19 infection: current insights and challenges. <i>Expert Review of Gastroenterology and Hepatology</i> , 2020, 14, 879-884.	1.4	46
10	Arsenic exposure-related hyperglycemia is linked to insulin resistance with concomitant reduction of skeletal muscle mass. <i>Environment International</i> , 2020, 143, 105890.	4.8	24
11	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.	2.7	14
12	Dose-dependent relationships between chronic arsenic exposure and cognitive impairment and serum brain-derived neurotrophic factor. <i>Environment International</i> , 2019, 131, 105029.	4.8	42
13	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.	3.9	31
14	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
15	Butyrylcholinesterase a potential plasma biomarker in manganese-induced neurobehavioral changes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6378-6387.	2.7	12
16	Antimony-Induced Neurobehavioral and Biochemical Perturbations in Mice. <i>Biological Trace Element Research</i> , 2018, 186, 199-207.	1.9	26
17	Blood plasma biomarkers of citrinin and ochratoxin A exposure in young adults in Bangladesh. <i>Mycotoxin Research</i> , 2018, 34, 59-67.	1.3	35
18	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.	2.1	37

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19	Chronic exposure to arsenic, LINE-1 hypomethylation, and blood pressure: a cross-sectional study in Bangladesh. <i>Environmental Health</i> , 2017, 16, 20.	1.7	43
20	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.	0.5	2
21	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.	1.9	32
22	Association between arsenic exposure and soluble thrombomodulin: A cross sectional study in Bangladesh. <i>PLoS ONE</i> , 2017, 12, e0175154.	1.1	15
23	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.	0.6	16
24	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.	1.9	30
25	Occurrence of aflatoxin M1 in urines from rural and urban adult cohorts in Bangladesh. <i>Archives of Toxicology</i> , 2016, 90, 1749-1755.	1.9	26
26	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.	1.7	33
27	Arsenic-induced Histological Alterations in Various Organs of Mice. <i>Journal of Cytology &amp; Histology</i> , 2015, 06, .	0.1	14
28	First results on citrinin biomarkers in urines from rural and urban cohorts in Bangladesh. <i>Mycotoxin Research</i> , 2015, 31, 9-16.	1.3	35
29	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.	0.9	47
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.	4.2	30
31	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.	0.9	47
32	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.	0.5	27
33	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.	0.8	10
34	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.	1.3	41
35	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.	0.5	2
36	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.	1.5	25

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37	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.	1.4	69
38	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.	1.3	31
39	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.	0.2	3
40	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.	1.7	83
41	L-cysteine as a regulator for arsenic-mediated cancer-promoting and anti-cancer effects. <i>Toxicology in Vitro</i> , 2011, 25, 623-629.	1.1	17
42	Protective effects of the dietary supplementation of turmeric (&#x201c; <i>Curcuma longa</i> &#x201c; L.) on sodium arsenite-induced biochemical perturbation in mice. <i>Bangladesh Medical Research Council Bulletin</i> , 2011, 36, 82-88.	0.1	13
43	Interaction between chronic arsenic exposure via drinking water and plasma lactate dehydrogenase activity. <i>Science of the Total Environment</i> , 2010, 409, 278-283.	3.9	37
44	Association between arsenic exposure and plasma cholinesterase activity: a population based study in Bangladesh. <i>Environmental Health</i> , 2010, 9, 36.	1.7	52
45	A redox-linked novel pathway for arsenic-mediated RET tyrosine kinase activation. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 399-407.	1.2	13
46	A Novel Mouse Model for <i>De novo</i> Melanoma. <i>Cancer Research</i> , 2010, 70, 24-29.	0.4	48
47	1,4-butanediylbismethanethiosulfonate (BMTS) induces apoptosis through reactive oxygen species-mediated mechanism. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 1059-1065.	1.2	2
48	Arsenic Enhances Matrix Metalloproteinase-14 Expression in Fibroblasts. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 1053-1055.	1.1	7
49	Protective Effect of Hyperpigmented Skin on UV-Mediated Cutaneous Cancer Development. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1244-1249.	0.3	22
50	Novel Hairless RET-Transgenic Mouse Line with Melanocytic Nevi and Anagen Hair Follicles. <i>Journal of Investigative Dermatology</i> , 2006, 126, 2547-2550.	0.3	4
51	c-Kit-Targeting Immunotherapy for Hereditary Melanoma in a Mouse Model. <i>Cancer Research</i> , 2004, 64, 801-806.	0.4	52
52	Paeoniflorin induces apoptosis of lymphocytes through a redox-linked mechanism. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 162-172.	1.2	68
53	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.	1.3	32
54	Involvement of MKK6 in TCR <sup>hi</sup> CD69 <sup>lo</sup> : a target population for apoptotic cell death in thymocytes. <i>FASEB Journal</i> , 2003, 17, 1-22.	0.2	6

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55	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.	1.0	10
56	Redox-Linked Cell Surface-Oriented Signaling for T-Cell Death. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 445-454.	2.5	26
57	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.	1.7	35
58	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.	0.3	38
59	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.	1.2	38
60	Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines. <i>Journal of Cellular Biochemistry</i> , 2001, 82, 200-214.	1.2	55
61	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.	1.3	132
62	Glyoxal and methylglyoxal induce lyoxal and methylglyoxal induce aggergation and inactivation of ERK in human endothelial cells. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1228-1235.	1.3	35
63	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.	0.3	27
64	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.	0.4	109
65	Molecular Mechanism of Activation and Superactivation of Ret Tyrosine Kinases by Ultraviolet Light Irradiation. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 841-849.	2.5	24