

Shafiul Alam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1765576/publications.pdf>

Version: 2024-02-01

49
papers

1,327
citations

361045

20
h-index

360668

35
g-index

50
all docs

50
docs citations

50
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	Folic acid supplementation lowers blood arsenic. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1202-1209.	2.2	182
2	Genome-Wide Association Study Identifies Chromosome 10q24.32 Variants Associated with Arsenic Metabolism and Toxicity Phenotypes in Bangladesh. <i>PLoS Genetics</i> , 2012, 8, e1002522.	1.5	156
3	Doxorubicin-induced cardiomyopathy associated with inhibition of autophagic degradation process and defects in mitochondrial respiration. <i>Scientific Reports</i> , 2019, 9, 2002.	1.6	115
4	Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction. <i>International Journal of Epidemiology</i> , 2013, 42, 1862-1872.	0.9	89
5	Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh. <i>Environmental Health Perspectives</i> , 2009, 117, 825-831.	2.8	79
6	Chronic Arsenic Exposure and Blood Glutathione and Glutathione Disulfide Concentrations in Bangladeshi Adults. <i>Environmental Health Perspectives</i> , 2013, 121, 1068-1074.	2.8	66
7	Folate and Cobalamin Modify Associations between S-adenosylmethionine and Methylated Arsenic Metabolites in Arsenic-Exposed Bangladeshi Adults. <i>Journal of Nutrition</i> , 2014, 144, 690-697.	1.3	55
8	Cardiac Dysfunction in the Sigma 1 Receptor Knockout Mouse Associated With Impaired Mitochondrial Dynamics and Bioenergetics. <i>Journal of the American Heart Association</i> , 2018, 7, e009775.	1.6	54
9	A Dose-Response Study of Arsenic Exposure and Global Methylation of Peripheral Blood Mononuclear Cell DNA in Bangladeshi Adults. <i>Environmental Health Perspectives</i> , 2013, 121, 1306-1312.	2.8	51
10	Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults. <i>Environmental Research</i> , 2015, 143, 123-130.	3.7	48
11	Sigmar1 regulates endoplasmic reticulum stress-induced C/EBP-homologous protein expression in cardiomyocytes. <i>Bioscience Reports</i> , 2017, 37, .	1.1	42
12	Pleiotropic effects of mdivi-1 in altering mitochondrial dynamics, respiration, and autophagy in cardiomyocytes. <i>Redox Biology</i> , 2020, 36, 101660.	3.9	42
13	Sex-Specific Associations of Arsenic Exposure with Global DNA Methylation and Hydroxymethylation in Leukocytes: Results from Two Studies in Bangladesh. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1748-1757.	1.1	37
14	Methamphetamine induces cardiomyopathy by Sigmar1 inhibition-dependent impairment of mitochondrial dynamics and function. <i>Communications Biology</i> , 2020, 3, 682.	2.0	32
15	Influence of Cobalamin on Arsenic Metabolism in Bangladesh. <i>Environmental Health Perspectives</i> , 2009, 117, 1724-1729.	2.8	29
16	Aberrant Mitochondrial Fission Is Maladaptive in Desmin Mutation-Induced Cardiac Proteotoxicity. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	29
17	Arsenic exposure, inflammation, and renal function in Bangladeshi adults: effect modification by plasma glutathione redox potential. <i>Free Radical Biology and Medicine</i> , 2015, 85, 174-182.	1.3	26
18	Haplotype diversity of 17 Y-chromosomal STR loci in the Bangladeshi population. <i>Forensic Science International: Genetics</i> , 2010, 4, e59-e60.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Alternative splicing regulation of APP exon 7 by RBFOX proteins. <i>Neurochemistry International</i> , 2014, 78, 7-17.	1.9	24
20	Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults. <i>Free Radical Biology and Medicine</i> , 2014, 73, 67-74.	1.3	22
21	Blood glutathione redox status and global methylation of peripheral blood mononuclear cell DNA in Bangladeshi adults. <i>Epigenetics</i> , 2013, 8, 730-738.	1.3	21
22	Dysfunctional Mitochondrial Dynamic and Oxidative Phosphorylation Precedes Cardiac Dysfunction in R120Gα1-BαCrystallinαInduced DesminαRelated Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2020, 9, e017195.	1.6	17
23	Chemical Architecture of Block Copolymers Differentially Abrogate Cardiotoxicity and Maintain the Anticancer Efficacy of Doxorubicin. <i>Molecular Pharmaceutics</i> , 2020, 17, 4676-4690.	2.3	17
24	A DoseαResponse Study of Arsenic Exposure and Markers of Oxidative Damage in Bangladesh. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 652-658.	0.9	15
25	Forensic evaluation of STR data for the PowerPlexα, 16 System loci in a Bangladeshi population. <i>Legal Medicine</i> , 2009, 11, 198-199.	0.6	10
26	Genetic data on 10 autosomal STR loci in the Bangladeshi population. <i>Legal Medicine</i> , 2006, 8, 297-299.	0.6	8
27	The molecular role of Sigmar1 in regulating mitochondrial function through mitochondrial localization in cardiomyocytes. <i>Mitochondrion</i> , 2022, 62, 159-175.	1.6	6
28	Computational extraction of a neural molecular network through alternative splicing. <i>BMC Research Notes</i> , 2014, 7, 934.	0.6	5
29	Molecular Perspectives of Mitochondrial Adaptations and Their Role in Cardiac Proteostasis. <i>Frontiers in Physiology</i> , 2020, 11, 1054.	1.3	5
30	Allele Frequencies of 10 Autosomal STR Loci from Chakma and Tripura Tribal Populations in Bangladesh. <i>Molecular Biology International</i> , 2010, 2010, 1-5.	1.7	4
31	Changing Blue Fluorescent Protein to Green Fluorescent Protein Using Chemical RNA Editing as a Novel Strategy in Genetic Restoration. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1242-1252.	1.5	4
32	Forensic microsatellite TH01 and malaria predisposition. <i>Dhaka University Journal of Biological Sciences</i> , 2011, 20, 1-6.	0.3	4
33	Molecular Characterization of Skeletal Muscle Dysfunction in Sigma 1 Receptor (Sigmar1) Knockout Mice. <i>American Journal of Pathology</i> , 2022, 192, 160-177.	1.9	4
34	Concordance Study between the AmpFISTRα SGM Plusα, and PowerPlexα 16 System Human Identification Kits in Bangladeshi Population. <i>Journal of Forensics Research</i> , 2011, 02, .	0.1	2
35	Molecular function of Sigma-1 receptor in obesity-induced metabolic dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 149.	0.9	1
36	The Physiological Function of Sigmar1 in the Skeletal Muscle in Mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Possibility of genetic restoration for a disease treatment. , 2011, , .		0
38	Mitochondrial membrane protein Sigmar1 regulates mitochondrial dynamics and function. Journal of Molecular and Cellular Cardiology, 2017, 112, 151.	0.9	0
39	Sigmar1's Subcellular Localization and Function in the Heart. FASEB Journal, 2021, 35, .	0.2	0
40	Impairment of Physiological Function in Skeletal Muscle from Sigmar1 Knockout Mice. FASEB Journal, 2021, 35, .	0.2	0
41	Abstract 281: Sigma-1 Receptor Dependent Pathway for a Protective Endoplasmic Reticulum Stress Response in Cardiomyocytes. Circulation Research, 2016, 119, .	2.0	0
42	Abstract 222: Sigmar1 Mediates Mitochondrial Autophagy and Protects the Heart Against Ischemia/Reperfusion Injury. Circulation Research, 2016, 119, .	2.0	0
43	Abstract 273: Autophagy Impairment is Associated With Defects in Mitochondrial Bioenergetics in Doxorubicin Cardiomyopathy. Circulation Research, 2018, 123, .	2.0	0
44	Abstract 406: Loss of Sigmar1 Leads to Impaired Mitochondrial Respiration, Altered Mitochondrial Dynamics and Development of Cardiac Contractile Dysfunction. Circulation Research, 2018, 123, .	2.0	0
45	Abstract 408: Defective Mitochondrial Dynamics Contribute to Cardiac Contractile Dysfunction in Desminopathy. Circulation Research, 2018, 123, .	2.0	0
46	Abstract 120: Methamphetamine-induced Cardiomyopathy Associated With Mitochondrial Dysfunction, Cardiac Fibrosis and Hypertrophy. Circulation Research, 2019, 125, .	2.0	0
47	Abstract 849: Drp1-dependent Altered Mitochondrial Dynamics Contribute to Protein Aggregation and Mitochondrial Dysfunction in R120G β -crystallin-induced Proteotoxicity. Circulation Research, 2019, 125, .	2.0	0
48	Abstract 160: Atg7-Dependent Activation of Mitochondrial Autophagy in Cardiomyocytes. Circulation Research, 2019, 125, .	2.0	0
49	Metabolic Alterations in Cardiomyocytes are Associated with Methamphetamine-Induced Cardiomyopathy. FASEB Journal, 2020, 34, 1-1.	0.2	0