Shafiul Alam

List of Publications by Year in descending order

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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	Molecular Characterization of Skeletal Muscle Dysfunction in Sigma 1 Receptor (Sigmar1) Knockout Mice. American Journal of Pathology, 2022, 192, 160-177.	1.9	4
2	The molecular role of Sigmar1 in regulating mitochondrial function through mitochondrial localization in cardiomyocytes. Mitochondrion, 2022, 62, 159-175.	1.6	6
3	Sigmar1's Subcellular Localization and Function in the Heart. FASEB Journal, 2021, 35, .	0.2	0
4	Impairment of Physiological Function in Skeletal Muscle from Sigmar1 Knockout Mice. FASEB Journal, 2021, 35, .	0.2	0
5	Molecular Perspectives of Mitochondrial Adaptations and Their Role in Cardiac Proteostasis. Frontiers in Physiology, 2020, 11, 1054.	1.3	5
6	Dysfunctional Mitochondrial Dynamic and Oxidative Phosphorylation Precedes Cardiac Dysfunction in R120Gâ€Î±Bâ€Crystallinâ€Induced Desminâ€Related Cardiomyopathy. Journal of the American Heart Association, 2020, 9, e017195.	1.6	17
7	Methamphetamine induces cardiomyopathy by Sigmar1 inhibition-dependent impairment of mitochondrial dynamics and function. Communications Biology, 2020, 3, 682.	2.0	32
8	Pleiotropic effects of mdivi-1 in altering mitochondrial dynamics, respiration, and autophagy in cardiomyocytes. Redox Biology, 2020, 36, 101660.	3.9	42
9	Chemical Architecture of Block Copolymers Differentially Abrogate Cardiotoxicity and Maintain the Anticancer Efficacy of Doxorubicin. Molecular Pharmaceutics, 2020, 17, 4676-4690.	2.3	17
10	The Physiological Function of Sigmar1 in the Skeletal Muscle in Mice. FASEB Journal, 2020, 34, 1-1.	0.2	1
11	Metabolic Alterations in Cardiomyocytes are Associated with Methamphetamineâ€Induced Cardiomyopathy. FASEB Journal, 2020, 34, 1-1.	0.2	0
12	Doxorubicin-induced cardiomyopathy associated with inhibition of autophagic degradation process and defects in mitochondrial respiration. Scientific Reports, 2019, 9, 2002.	1.6	115
13	Abstract 120: Methamphetamine-induced Cardiomyopathy Associated With Mitochondrial Dysfunction, Cardiac Fibrosis and Hypertrophy. Circulation Research, 2019, 125, .	2.0	0
14	Abstract 849: Drp1-dependent Altered Mitochondrial Dynamics Contribute to Protein Aggregation and Mitochondrial Dysfunction in R120G Î±B-crystallin-induced Proteotoxicity. Circulation Research, 2019, 125, .	2.0	0
15	Abstract 160: Atg7-Dependent Activation of Mitochondrial Autophagy in Cardiomyocytes. Circulation Research, 2019, 125, .	2.0	0
16	Cardiac Dysfunction in the Sigma 1 Receptor Knockout Mouse Associated With Impaired Mitochondrial Dynamics and Bioenergetics. Journal of the American Heart Association, 2018, 7, e009775.	1.6	54
17	Aberrant Mitochondrial Fission Is Maladaptive in Desmin Mutationâ€"Induced Cardiac Proteotoxicity. Journal of the American Heart Association, 2018, 7, .	1.6	29
18	Abstract 273: Autophagy Impairment is Associated With Defects in Mitochondrial Bioenergetics in Doxorubicin Cardiomyopathy. Circulation Research, 2018, 123, .	2.0	0

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19	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
20	Abstract 408: Defective Mitochondrial Dynamics Contribute to Cardiac Contractile Dysfunction in Desminopathy. Circulation Research, 2018, 123, .	2.0	0
21	Mitochondrial membrane protein Sigmar1 regulates mitochondrial dynamics and function. Journal of Molecular and Cellular Cardiology, 2017, 112, 151.	0.9	0
22	Molecular function of Sigma-1 receptor in obesity-induced metabolic dysfunction. Journal of Molecular and Cellular Cardiology, 2017, 112, 149.	0.9	1
23	Sigmar1 regulates endoplasmic reticulum stress-induced C/EBP-homologous protein expression in cardiomyocytes. Bioscience Reports, 2017, 37, .	1.1	42
24	Abstract 281: Sigma-1 Receptor Dependent Pathway for a Protective Endoplasmic Reticulum Stress Response in Cardiomyocytes. Circulation Research, 2016, 119, .	2.0	0
25	Abstract 222: Sigmar1 Mediates Mitochondrial Autophagy and Protects the Heart Against Ischemia/Reperfusion Injury. Circulation Research, 2016, 119, .	2.0	0
26	Changing Blue Fluorescent Protein to Green Fluorescent Protein Using Chemical <scp>RNA</scp> Editing as a Novel Strategy in Genetic Restoration. Chemical Biology and Drug Design, 2015, 86, 1242-1252.	1.5	4
27	Arsenic exposure, inflammation, and renal function in Bangladeshi adults: effect modification by plasma glutathione redox potential. Free Radical Biology and Medicine, 2015, 85, 174-182.	1.3	26
28	Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults. Environmental Research, 2015, 143, 123-130.	3.7	48
29	Sex-Specific Associations of Arsenic Exposure with Global DNA Methylation and Hydroxymethylation in Leukocytes: Results from Two Studies in Bangladesh. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1748-1757.	1.1	37
30	Folate and Cobalamin Modify Associations between S-adenosylmethionine and Methylated Arsenic Metabolites in Arsenic-Exposed Bangladeshi Adults. Journal of Nutrition, 2014, 144, 690-697.	1.3	55
31	Computational extraction of a neural molecular network through alternative splicing. BMC Research Notes, 2014, 7, 934.	0.6	5
32	A Doseâ€“Response Study of Arsenic Exposure and Markers of Oxidative Damage in Bangladesh. Journal of Occupational and Environmental Medicine, 2014, 56, 652-658.	0.9	15
33	Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults. Free Radical Biology and Medicine, 2014, 73, 67-74.	1.3	22
34	Alternative splicing regulation of APP exon 7 by RBFox proteins. Neurochemistry International, 2014, 78, 7-17.	1.9	24
35	Chronic Arsenic Exposure and Blood Glutathione and Glutathione Disulfide Concentrations in Bangladeshi Adults. Environmental Health Perspectives, 2013, 121, 1068-1074.	2.8	66
36	Blood glutathione redox status and global methylation of peripheral blood mononuclear cell DNA in Bangladeshi adults. Epigenetics, 2013, 8, 730-738.	1.3	21

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37	A Doseâ€“Response Study of Arsenic Exposure and Global Methylation of Peripheral Blood Mononuclear Cell DNA in Bangladeshi Adults. Environmental Health Perspectives, 2013, 121, 1306-1312.	2.8	51
38	Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction. International Journal of Epidemiology, 2013, 42, 1862-1872.	0.9	89
39	Genome-Wide Association Study Identifies Chromosome 10q24.32 Variants Associated with Arsenic Metabolism and Toxicity Phenotypes in Bangladesh. PLoS Genetics, 2012, 8, e1002522.	1.5	156
40	Possibility of genetic restoration for a disease treatment. , 2011, , .		0
41	Forensic microsatellite TH01 and malaria predisposition. Dhaka University Journal of Biological Sciences, 2011, 20, 1-6.	0.3	4
42	Concordance Study between the AmpFlSTRÂ® SGM Plusâ„¢ and PowerPlexÂ® 16 System Human Identification Kits in Bangladeshi Population. Journal of Forensics Research, 2011, 02, .	0.1	2
43	Allele Frequencies of 10 Autosomal STR Loci from Chakma and Tripura Tribal Populations in Bangladesh. Molecular Biology International, 2010, 2010, 1-5.	1.7	4
44	Haplotype diversity of 17 Y-chromosomal STR loci in the Bangladeshi population. Forensic Science International: Genetics, 2010, 4, e59-e60.	1.6	25
45	Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh. Environmental Health Perspectives, 2009, 117, 825-831.	2.8	79
46	Influence of Cobalamin on Arsenic Metabolism in Bangladesh. Environmental Health Perspectives, 2009, 117, 1724-1729.	2.8	29
47	Forensic evaluation of STR data for the PowerPlexâ„¢ 16 System loci in a Bangladeshi population. Legal Medicine, 2009, 11, 198-199.	0.6	10
48	Folic acid supplementation lowers blood arsenic. American Journal of Clinical Nutrition, 2007, 86, 1202-1209.	2.2	182
49	Genetic data on 10 autosomal STR loci in the Bangladeshi population. Legal Medicine, 2006, 8, 297-299.	0.6	8