

# Mohammad Safiqul Islam

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

806

citations

16

h-index

24

g-index

99

ext. papers

1,108

ext. citations

2.9

avg, IF

4.51

L-index

#	Paper	IF	Citations
86	Comparative study of serum zinc, copper, manganese, and iron in preeclamptic pregnant women. <i>Biological Trace Element Research</i> , <b>2013</b> , 154, 14-20	4.5	60
85	Impact of age, sex, comorbidities and clinical symptoms on the severity of COVID-19 cases: A meta-analysis with 55 studies and 10014 cases. <i>Heliyon</i> , <b>2020</b> , 6, e05684	3.6	52
84	Lung cancer risk in relation to nicotinic acetylcholine receptor, CYP2A6 and CYP1A1 genotypes in the Bangladeshi population. <i>Clinica Chimica Acta</i> , <b>2013</b> , 416, 11-9	6.2	52
83	Alterations of serum macro-minerals and trace elements are associated with major depressive disorder: a case-control study. <i>BMC Psychiatry</i> , <b>2018</b> , 18, 94	4.2	48
82	How the association between obesity and inflammation may lead to insulin resistance and cancer. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2019</b> , 13, 1213-1224	8.9	39
81	Elevated serum levels of malondialdehyde and cortisol are associated with major depressive disorder: A case-control study. <i>SAGE Open Medicine</i> , <b>2018</b> , 6, 2050312118773953	2.4	35
80	Elevated serum MDA and depleted non-enzymatic antioxidants, macro-minerals and trace elements are associated with bipolar disorder. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 39, 162-168	4.1	30
79	A Review on Current Repurposing Drugs for the Treatment of COVID-19: Reality and Challenges. <i>SN Comprehensive Clinical Medicine</i> , <b>2020</b> , 2, 1-13	2.7	26
78	Effect of lipid peroxidation, antioxidants, macro minerals and trace elements on eczema. <i>Archives of Dermatological Research</i> , <b>2015</b> , 307, 617-23	3.3	24
77	Breast cancer risk in relation to TP53 codon 72 and CDH1 gene polymorphisms in the Bangladeshi women. <i>Tumor Biology</i> , <b>2016</b> , 37, 7229-37	2.9	23
76	Evaluation of serum amino acids and non-enzymatic antioxidants in drug-naïve first-episode major depressive disorder. <i>BMC Psychiatry</i> , <b>2020</b> , 20, 333	4.2	22
75	Comparative analysis of serum zinc, copper, manganese, iron, calcium, and magnesium level and complexity of interelement relations in generalized anxiety disorder patients. <i>Biological Trace Element Research</i> , <b>2013</b> , 154, 21-7	4.5	21
74	In vivo analgesic, antipyretic, and anti-inflammatory potential in Swiss albino mice and in vitro thrombolytic activity of hydroalcoholic extract from <i>Litsea glutinosa</i> leaves. <i>Biological Research</i> , <b>2014</b> , 47, 56	7.6	21
73	In vivo antipyretic, antiemetic, in vitro membrane stabilization, antimicrobial, and cytotoxic activities of different extracts from <i>Spilanthes paniculata</i> leaves. <i>Biological Research</i> , <b>2014</b> , 47, 45	7.6	19
72	Increased concentration of serum MDA, decreased antioxidants and altered trace elements and macro-minerals are linked to obesity among Bangladeshi population. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2019</b> , 13, 933-938	8.9	18
71	Low serum selenium concentration is associated with preeclampsia in pregnant women from Bangladesh. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 33, 21-5	4.1	17
70	Association of CYP3A4, CYP3A5 polymorphisms with lung cancer risk in Bangladeshi population. <i>Tumor Biology</i> , <b>2014</b> , 35, 1671-8	2.9	16

69	Effect of GSTP1 and ABCC4 gene polymorphisms on response and toxicity of cyclophosphamide-epirubicin-5-fluorouracil-based chemotherapy in Bangladeshi breast cancer patients. <i>Tumor Biology</i> , <b>2015</b> , 36, 5451-7	2.9	15
68	Effect of socio-economic status and estimation of lipid peroxidation and antioxidant in preeclamptic pregnant women: a case-control study. <i>Hypertension in Pregnancy</i> , <b>2015</b> , 34, 125-35	2	14
67	DPYD*2A and MTHFR C677T predict toxicity and efficacy, respectively, in patients on chemotherapy with 5-fluorouracil for colorectal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2018</b> , 81, 119-129	3.5	13
66	Association of BRCA1, BRCA2, RAD51, and HER2 gene polymorphisms with the breast cancer risk in the Bangladeshi population. <i>Breast Cancer</i> , <b>2017</b> , 24, 229-237	3.4	12
65	Lung cancer risk in relation to TP53 codon 47 and codon 72 polymorphism in Bangladeshi population. <i>Tumor Biology</i> , <b>2014</b> , 35, 10309-17	2.9	12
64	Genetic variants of SULT1A1 and XRCC1 genes and risk of lung cancer in Bangladeshi population. <i>Tumor Biology</i> , <b>2017</b> , 39, 1010428317729270	2.9	12
63	Association of TP53 codon 72 and CDH1 genetic polymorphisms with colorectal cancer risk in Bangladeshi population. <i>Cancer Epidemiology</i> , <b>2017</b> , 49, 46-52	2.8	11
62	Cross-sectional study exploring barriers to adverse drug reactions reporting in community pharmacy settings in Dhaka, Bangladesh. <i>BMJ Open</i> , <b>2016</b> , 6, e010912	3	10
61	Prevalence of CYP2C19 alleles, pharmacokinetic and pharmacodynamic variation of clopidogrel and prasugrel in Bangladeshi population. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2015</b> , 42, 451-7	3	9
60	Genetic polymorphisms of GSTM1, GSTP1 and GSTT1 genes and lung cancer susceptibility in the Bangladeshi population. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2014</b> , 4, 982-989	1.4	9
59	Polyphenolic molecules targeting STAT3 pathway for the treatment of cancer. <i>Life Sciences</i> , <b>2021</b> , 268, 118999	6.8	9
58	Investigation of in vitro thrombolytic and anti-helminthic activity and in vivo anxiolytic and antidepressant potentiality with phytochemical nature of methanolic extract of <i>Leucas lavandulifolia</i> . <i>Sustainable Chemistry and Pharmacy</i> , <b>2017</b> , 6, 61-66	3.9	8
57	Genetic Variations of RAD51 and XRCC2 Genes Increase the Risk of Colorectal Cancer in Bangladeshi Population. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2020</b> , 21, 1445-1451	1.7	8
56	Increased Oxidative Stress, Altered Trace Elements, and Macro-Minerals Are Associated with Female Obesity. <i>Biological Trace Element Research</i> , <b>2020</b> , 197, 384-393	4.5	8
55	Elevated Serum Lipid Peroxidation and Reduced Vitamin C and Trace Element Concentrations Are Correlated With Epilepsy. <i>Clinical EEG and Neuroscience</i> , <b>2019</b> , 50, 63-72	2.3	7
54	Investigation of total phenolic content and antioxidant activities of <i>Azadirachta indica</i> roots. <i>Avicenna Journal of Phytomedicine</i> , <b>2014</b> , 4, 97-102	1.4	7
53	Pharmacogenetic Variants in MTHFR Gene are Significant Predictors of Methotrexate Toxicities in Bangladeshi Patients With Acute Lymphoblastic Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , <b>2020</b> , 20, e58-e65	2	7
52	The rs11615, rs2276466, rs2228000 and rs2228001 polymorphisms increase the cervical cancer risk and aggressiveness in the Bangladeshi population. <i>Heliyon</i> , <b>2021</b> , 7, e05919	3.6	6

51	Association of rs363598 and rs360932 polymorphisms with autism spectrum disorder in the Bangladeshi children. <i>Meta Gene</i> , <b>2020</b> , 25, 100733	0.7	5
50	Genetic polymorphisms of GSTP1, XRCC1, XPC and ERCC1: prediction of clinical outcome of platinum-based chemotherapy in advanced non-small cell lung cancer patients of Bangladesh. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 7073-7082	2.8	5
49	Detection of association of IL1 $\beta$ IL4R, and IL6 gene polymorphisms with cervical cancer in the Bangladeshi women by tetra-primer ARMS-PCR method. <i>International Immunopharmacology</i> , <b>2021</b> , 90, 107131	5.8	5
48	Association of DRD2 gene polymorphisms with schizophrenia in the young Bangladeshi population: A pilot study. <i>Heliyon</i> , <b>2020</b> , 6, e05125	3.6	4
47	Genetic variants of ZNF385B and COMT are associated with autism spectrum disorder in the Bangladeshi children. <i>Meta Gene</i> , <b>2020</b> , 26, 100820	0.7	4
46	Influence of TPMT polymorphisms on azathioprine-induced myelosuppression in Bangladeshi patients with systemic lupus erythematosus. <i>Drugs and Therapy Perspectives</i> , <b>2020</b> , 36, 202-207	1.5	4
45	Pretreatment of cultured preadipocytes with arachidonic acid during the differentiation phase without a cAMP-elevating agent enhances fat storage after the maturation phase. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2016</b> , 123, 16-27	3.7	4
44	Quantitative Determination of Azithromycin in Human Plasma by Liquid Chromatography?Mass Spectrometry and its Application in Pharmackokinetic Study. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 11, 55-63	0.6	4
43	Association study of IL10 gene polymorphisms (rs1800872 and rs1800896) with cervical cancer in the Bangladeshi women. <i>International Immunopharmacology</i> , <b>2020</b> , 89, 107091	5.8	4
42	Association of TP53 Codon 72 Arg>Pro Polymorphism with Breast and Lung Cancer Risk in the South Asian Population: A Meta-Analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2020</b> , 21, 1511-1519 <sup>1.7</sup>	1.7	3
41	Forecasting COVID-19 Dynamics and Endpoint in Bangladesh: A Data-driven Approach		3
40	Association of age, sex, comorbidities, and clinical symptoms with the severity and mortality of COVID-19 cases: a meta-analysis with 85 studies and 67299 cases		3
39	Human TERT promoter polymorphism rs2853669 is associated with cancers: an updated meta-analysis. <i>Human Cell</i> , <b>2021</b> , 34, 1066-1081	4.5	3
38	CNTNAP2 gene polymorphisms in autism spectrum disorder and language impairment among Bangladeshi children: a case-control study combined with a meta-analysis. <i>Human Cell</i> , <b>2021</b> , 34, 1410-1423	4.5	3
37	Stimulation of fat storage by prostacyclin and selective agonists of prostanoid IP receptor during the maturation phase of cultured adipocytes. <i>Cytotechnology</i> , <b>2016</b> , 68, 2417-2429	2.2	3
36	Impact of interleukin-32 germ-line rs28372698 and intronic rs12934561 polymorphisms on cancer development: A systematic review and meta-analysis. <i>International Immunopharmacology</i> , <b>2021</b> , 99, 107964	5.8	3
35	The protective role of vitamin C in the management of COVID-19: A Review. <i>Journal of the Egyptian Public Health Association</i> , <b>2021</b> , 96, 33	2.2	3
34	The link of ERCC2 rs13181 and ERCC4 rs2276466 polymorphisms with breast cancer in the Bangladeshi population. <i>Molecular Biology Reports</i> , <b>2021</b> , 49, 1847	2.8	2

33	Risk of type 2 diabetes mellitus and cardiovascular complications in , and genetic polymorphisms carriers: A case-control study. <i>Heliyon</i> , <b>2021</b> , 7, e08376	3.6	2
32	Role of rs1143634 (+3954C>T) polymorphism in cancer risk: an updated meta-analysis and trial sequential analysis. <i>Journal of International Medical Research</i> , <b>2021</b> , 49, 3000605211060144	1.4	2
31	Effect of antioxidant, malondialdehyde, macro-mineral, and trace element serum concentrations in Bangladeshi patients with schizophrenia: A case-control study. <i>Health Science Reports</i> , <b>2021</b> , 4, e291	2.2	2
30	Genetic Polymorphism of miR-218-2 (rs11134527) in Cervical Cancer: A Case-Control Study on the Bangladeshi Women.. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , <b>2021</b> , 10, 219-224	2.9	2
29	Association Between REELIN Gene Polymorphisms (rs7341475 and rs262355) and Risk of Schizophrenia: an Updated Meta-analysis. <i>Journal of Molecular Neuroscience</i> , <b>2021</b> , 71, 675-690	3.3	2
28	Polymorphic variants INSIG2 rs6726538, HLA-DRB1 rs9272143, and GCNT1P5 rs7780883 contribute to the susceptibility of cervical cancer in the Bangladeshi women. <i>Cancer Medicine</i> , <b>2021</b> , 10, 1829-1838	4.8	2
27	Risk of stroke in CYP2C19 LoF polymorphism carrier coronary artery disease patients undergoing clopidogrel therapy: An ethnicity-based updated meta-analysis. <i>European Journal of Internal Medicine</i> , <b>2021</b> , 90, 49-65	3.9	2
26	The link between IL-6 rs2069840 SNP and cancer risk: Evidence from a systematic review and meta-analysis. <i>Meta Gene</i> , <b>2021</b> , 30, 100972	0.7	2
25	In vivo Neurological, Analgesic and In vitro Antioxidant and Cytotoxic Activities of Ethanolic Extract of Leaf and Stem Bark of Wedelia chinensis. <i>Bangladesh Pharmaceutical Journal</i> , <b>2019</b> , 22, 18-26	0.4	1
24	A clinical evaluation of the alterations in the level of serum zinc, copper, iron, and manganese in the ischemic heart disease patients of Bangladesh - A case-control study. <i>Heliyon</i> , <b>2020</b> , 6, e05311	3.6	1
23	Association between variants of COQ2 and TNF- $\alpha$ genes and statin-induced toxicities in Bangladeshi hyperlipidemic patients. <i>Drugs and Therapy Perspectives</i> , <b>2019</b> , 35, 621-626	1.5	1
22	Bioequivalence Evaluation of Two Esomeprazole 20 mg Capsule Formulations in Healthy Male Bangladeshi Volunteers. <i>Journal of Bioequivalence &amp; Bioavailability</i> , <b>2011</b> , 03,	1.5	1
21	Vascular endothelial growth factor A (VEGFA) promoter rs2010963 polymorphism and cancer risk: An updated meta-analysis and trial sequential analysis. <i>Meta Gene</i> , <b>2022</b> , 31, 101017	0.7	1
20	Thrombolytic, CNS Depressant and Anti-Diarrhoeal Activities of Ethanolic Extract of Bark of Syzygium cumini L. Skeels: An In-Vivo and In-Vitro Study. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , <b>2018</b> , 8, 129-136	0.3	1
19	Estimation of Effective Reproduction Number for COVID-19 in Bangladesh and its districts		1
18	Variants of SMAD1 gene increase the risk of colorectal cancer in the Bangladeshi population. <i>Tumor Biology</i> , <b>2020</b> , 42, 1010428320958955	2.9	1
17	Association of RAD51 and XRCC2 Gene Polymorphisms with Cervical Cancer Risk in the Bangladeshi Women. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2021</b> , 22, 2099-2107	1.7	1
16	Prostate Cancer Risk in Relation to CYP3A4 and CYP3A5 Genotypes in the Bangladeshi Population. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 14, 179-185	0.6	1

15	Prevalence of CYP2C19 and ITGB3 polymorphisms among Bangladeshi patients who underwent percutaneous coronary intervention. <i>SAGE Open Medicine</i> , <b>2021</b> , 9, 20503121211042209	2.4	1
14	Increased lipid peroxidation, depleted non-enzymatic antioxidant, and variability in trace elements concentration in serum are correlated with Bangladeshi end-stage renal disease population. <i>Health Science Reports</i> , <b>2021</b> , 4, e348	2.2	1
13	Assessment of the Link of and gene polymorphisms with the prednisolone resistance in pediatric nephrotic syndrome patients of Bangladesh: A genotype and haplotype approach. <i>Journal of Advanced Research</i> , <b>2021</b> , 33, 141-151	13	1
12	Exploring the role of senescence inducers and senotherapeutics as targets for anticancer natural products.. <i>European Journal of Pharmacology</i> , <b>2022</b> , 174991	5.3	1
11	Propagation of age-related diseases due to the changes of lipid peroxide and antioxidant levels in elderly people: A narrative review. <i>Health Science Reports</i> , <b>2022</b> , 5,	2.2	1
10	In vitro antimicrobial activity study and in vivo antiemetic, antinociceptive activity evaluation of leaves extract of <i>Erioglossum rubiginosum</i> using experimental animal model. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2015</b> , 15, 135-140	2	0
9	Link of IL-1 $\beta$ rs16944 polymorphism with breast, cervical and ovarian cancer: A systematic review and meta-analysis. <i>Gene Reports</i> , <b>2022</b> , 26, 101539	1.4	0
8	Association of GOLPH2 gene polymorphisms (rs10868366 and rs7019241) with the risk of Alzheimer's disease: Evidence from a meta-analysis. <i>Meta Gene</i> , <b>2021</b> , 28, 100868	0.7	0
7	Association of reelin gene (RELN) polymorphism with autism spectrum disorder in the Bangladeshi population. <i>Meta Gene</i> , <b>2021</b> , 29, 100901	0.7	
6	A case-control study investigating the association of TP53 rs1042522 and CDH1 rs16260 polymorphisms with prostate cancer risk. <i>Meta Gene</i> , <b>2021</b> , 30, 100962	0.7	
5	Effect of VKORC1 and CYP2C9 polymorphisms on warfarin dose requirement in Bangladeshi population. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 30, 341-346	0.4	
4	Genetic Basis of Psychotic Illnesses: A Comprehensive Overview <b>2021</b> , 153-164		
3	Low serum concentration of zinc, selenium, calcium, potassium and high serum concentration of iron, sodium are associated with myocardial infarction. <i>Aging and Health Research</i> , <b>2022</b> , 2, 100063		
2	Assessment of membrane stability, central nervous system depressant, and gut motility effects of <i>Lablab purpureus</i> seeds. <i>Journal of HerbMed Pharmacology</i> , <b>2022</b> , 11, 238-244	1.4	
1	Catalase C262T genetic variation and cancer susceptibility: A comprehensive meta-analysis with meta-regression and trial sequential analysis. <i>International Journal of Biological Markers</i> , <b>2021</b> , 039361552211041	2.8	