

Mohammad Safiqul Islam

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,457
citations

430874

18
h-index

395702

33
g-index

99
all docs

99
docs citations

99
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2020, 6, e05684.	3.2	132
2	Alterations of serum macro-minerals and trace elements are associated with major depressive disorder: a case-control study. <i>BMC Psychiatry</i> , 2018, 18, 94.	2.6	85
3	How the association between obesity and inflammation may lead to insulin resistance and cancer. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 1213-1224.	3.6	79
4	Comparative Study of Serum Zinc, Copper, Manganese, and Iron in Preeclamptic Pregnant Women. <i>Biological Trace Element Research</i> , 2013, 154, 14-20.	3.5	76
5	Elevated serum levels of malondialdehyde and cortisol are associated with major depressive disorder: A case-control study. <i>SAGE Open Medicine</i> , 2018, 6, 205031211877395.	1.8	63
6	Lung cancer risk in relation to nicotinic acetylcholine receptor, CYP2A6 and CYP1A1 genotypes in the Bangladeshi population. <i>Clinica Chimica Acta</i> , 2013, 416, 11-19.	1.1	58
7	Evaluation of serum amino acids and non-enzymatic antioxidants in drug-naïve first-episode major depressive disorder. <i>BMC Psychiatry</i> , 2020, 20, 333.	2.6	55
8	A Review on Current Repurposing Drugs for the Treatment of COVID-19: Reality and Challenges. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 1777-1789.	0.6	51
9	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> , 2014, 47, 56.	3.4	44
10	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> , 2017, 39, 162-168.	3.0	41
11	Effect of lipid peroxidation, antioxidants, macro minerals and trace elements on eczema. <i>Archives of Dermatological Research</i> , 2015, 307, 617-623.	1.9	40
12	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> , 2013, 154, 21-27.	3.5	33
13	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> , 2019, 13, 933-938.	3.6	32
14	Breast cancer risk in relation to TP53 codon 72 and CDH1 gene polymorphisms in the Bangladeshi women. <i>Tumor Biology</i> , 2016, 37, 7229-7237.	1.8	28
15	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> , 2014, 47, 45.	3.4	25
16	Low serum selenium concentration is associated with preeclampsia in pregnant women from Bangladesh. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 33, 21-25.	3.0	23
17	Polyphenolic molecules targeting STAT3 pathway for the treatment of cancer. <i>Life Sciences</i> , 2021, 268, 118999.	4.3	23
18	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> , 2015, 36, 5451-5457.	1.8	22

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19	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> , 2018, 81, 119-129.	2.3	22
20	Elevated Serum Lipid Peroxidation and Reduced Vitamin C and Trace Element Concentrations Are Correlated With Epilepsy. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 63-72.	1.7	21
21	Association of CYP3A4, CYP3A5 polymorphisms with lung cancer risk in Bangladeshi population. <i>Tumor Biology</i> , 2014, 35, 1671-1678.	1.8	19
22	Increased Oxidative Stress, Altered Trace Elements, and Macro-Minerals Are Associated with Female Obesity. <i>Biological Trace Element Research</i> , 2020, 197, 384-393.	3.5	19
23	Elevated Levels of Pleiotropic Interleukin-6 (IL-6) and Interleukin-10 (IL-10) are Critically Involved With the Severity and Mortality of COVID-19: An Updated Longitudinal Meta-Analysis and Systematic Review on 147 Studies. <i>Biomarker Insights</i> , 2022, 17, 117727192211066.	2.5	19
24	Lung cancer risk in relation to TP53 codon 47 and codon 72 polymorphism in Bangladeshi population. <i>Tumor Biology</i> , 2014, 35, 10309-10317.	1.8	17
25	Association of BRCA1, BRCA2, RAD51, and HER2 gene polymorphisms with the breast cancer risk in the Bangladeshi population. <i>Breast Cancer</i> , 2017, 24, 229-237.	2.9	17
26	Prevalence of CYP2C19 alleles, pharmacokinetic and pharmacodynamic variation of clopidogrel and prasugrel in Bangladeshi population. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 451-457.	1.9	16
27	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> , 2015, 34, 125-135.	1.1	16
28	Association of TP53 codon 72 and CDH1 genetic polymorphisms with colorectal cancer risk in Bangladeshi population. <i>Cancer Epidemiology</i> , 2017, 49, 46-52.	1.9	16
29	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> , 2017, 6, 61-66.	3.3	16
30	Detection of association of IL1 β , IL4R, and IL6 gene polymorphisms with cervical cancer in the Bangladeshi women by tetra-primer ARMS-PCR method. <i>International Immunopharmacology</i> , 2021, 90, 107131.	3.8	15
31	Cross-sectional study exploring barriers to adverse drug reactions reporting in community pharmacy settings in Dhaka, Bangladesh. <i>BMJ Open</i> , 2016, 6, e010912.	1.9	14
32	Genetic variants of SULT1A1 and XRCC1 genes and risk of lung cancer in Bangladeshi population. <i>Tumor Biology</i> , 2017, 39, 101042831772927.	1.8	13
33	Association study of IL10 gene polymorphisms (rs1800872 and rs1800896) with cervical cancer in the Bangladeshi women. <i>International Immunopharmacology</i> , 2020, 89, 107091.	3.8	13
34	The ECCR1 rs11615, ERCC4 rs2276466, XPC rs2228000 and XPC rs2228001 polymorphisms increase the cervical cancer risk and aggressiveness in the Bangladeshi population. <i>Heliyon</i> , 2021, 7, e05919.	3.2	13
35	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> , 2022, 5, .	1.5	12
36	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> , 2020, 20, e58-e65.	0.4	11

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37	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> , 2021, 34, 1410-1423.	2.7	11
38	Association of DRD2 gene polymorphisms with schizophrenia in the young Bangladeshi population: A pilot study. <i>Heliyon</i> , 2020, 6, e05125.	3.2	10
39	Association Between REELIN Gene Polymorphisms (rs7341475 and rs262355) and Risk of Schizophrenia: an Updated Meta-analysis. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 675-690.	2.3	10
40	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> , 2021, 90, 49-65.	2.2	10
41	The protective role of vitamin C in the management of COVID-19: A Review. <i>Journal of the Egyptian Public Health Association</i> , The, 2021, 96, 33.	2.5	10
42	Genetic polymorphisms of GSTM1, GSTP1 and GSTT1 genes and lung cancer susceptibility in the Bangladeshi population. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 982-989.	1.2	9
43	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> , 2020, 47, 7073-7082.	2.3	9
44	Genetic Variations of RAD51 and XRCC2 Genes Increase the Risk of Colorectal Cancer in Bangladeshi Population. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 1445-1451.	1.2	9
45	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> , 2020, 21, 1511-1519.	1.2	9
46	Exploration of in vitro thrombolytic, anthelmintic, cytotoxic and in vivo anxiolytic potentials with phytochemical screening of flowers of <i>Brassica nigra</i> . <i>Future Journal of Pharmaceutical Sciences</i> , 2020, 6, .	2.8	8
47	Investigation of total phenolic content and antioxidant activities of <i>Azadirachta indica</i> roots. <i>Avicenna Journal of Phytomedicine</i> , 2014, 4, 97-102.	0.2	8
48	The link of ERCC2 rs13181 and ERCC4 rs2276466 polymorphisms with breast cancer in the Bangladeshi population. <i>Molecular Biology Reports</i> , 2022, 49, 1847-1856.	2.3	8
49	Risk of type 2 diabetes mellitus and cardiovascular complications in KCNJ11, HHEX and SLC30A8 genetic polymorphisms carriers: A case-control study. <i>Heliyon</i> , 2021, 7, e08376.	3.2	8
50	Role of IL-1 β rs1143634 (+3954C>T) polymorphism in cancer risk: an updated meta-analysis and trial sequential analysis. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110601.	1.0	8
51	Stimulation of fat storage by prostacyclin and selective agonists of prostanoid IP receptor during the maturation phase of cultured adipocytes. <i>Cytotechnology</i> , 2016, 68, 2417-2429.	1.6	7
52	Human TERT promoter polymorphism rs2853669 is associated with cancers: an updated meta-analysis. <i>Human Cell</i> , 2021, 34, 1066-1081.	2.7	7
53	Assessment of the Link of ABCB1 and NR3C1 gene polymorphisms with the prednisolone resistance in pediatric nephrotic syndrome patients of Bangladesh: A genotype and haplotype approach. <i>Journal of Advanced Research</i> , 2021, 33, 141-151.	9.5	7
54	Exploring the role of senescence inducers and senotherapeutics as targets for anticancer natural products. <i>European Journal of Pharmacology</i> , 2022, 928, 174991.	3.5	7

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55	Quantitative Determination of Azithromycin in Human Plasma by Liquid Chromatography–Mass Spectrometry and its Application in Pharmacokinetic Study. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2012, 11, 55-63.	0.2	6
56	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> , 2016, 123, 16-27.	1.9	6
57	Genetic variants of ZNF385B and COMT are associated with autism spectrum disorder in the Bangladeshi children. <i>Meta Gene</i> , 2020, 26, 100820.	0.6	5
58	Association of rs363598 and rs360932 polymorphisms with autism spectrum disorder in the Bangladeshi children. <i>Meta Gene</i> , 2020, 25, 100733.	0.6	5
59	The link between IL-6 rs2069840 SNP and cancer risk: Evidence from a systematic review and meta-analysis. <i>Meta Gene</i> , 2021, 30, 100972.	0.6	5
60	Effect of miR-196a2 rs11614913 Polymorphism on Cancer Susceptibility: Evidence From an Updated Meta-Analysis. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211097.	1.9	5
61	Bioequivalence Evaluation of Two Esomeprazole 20 mg Capsule Formulations in Healthy Male Bangladeshi Volunteers. <i>Journal of Bioequivalence & Bioavailability</i> , 2011, 03, .	0.1	4
62	Influence of TPMT polymorphisms on azathioprine-induced myelosuppression in Bangladeshi patients with systemic lupus erythematosus. <i>Drugs and Therapy Perspectives</i> , 2020, 36, 202-207.	0.6	4
63	Polymorphic variants rs6726538, HLA-DRB1 rs9272143, and GCNT1P5 rs7780883 contribute to the susceptibility of cervical cancer in the Bangladeshi women. <i>Cancer Medicine</i> , 2021, 10, 1829-1838.	2.8	4
64	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> , 2021, 10, 219-224.	1.2	4
65	The Mechanistic Role of Thymoquinone in Parkinson's Disease: Focus on Neuroprotection in Pre-Clinical Studies. <i>Current Molecular Pharmacology</i> , 2021, 14, 1083-1092.	1.5	4
66	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> , 2015, 15, 135-140.	1.2	3
67	Variants of SMAD1 gene increase the risk of colorectal cancer in the Bangladeshi population. <i>Tumor Biology</i> , 2020, 42, 101042832095895.	1.8	3
68	Prevalence of CYP2C19 and ITGB3 polymorphisms among Bangladeshi patients who underwent percutaneous coronary intervention. <i>SAGE Open Medicine</i> , 2021, 9, 205031212110422.	1.8	3
69	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> , 2021, 4, e291.	1.5	3
70	Association of RAD51 and XRCC2 Gene Polymorphisms with Cervical Cancer Risk in the Bangladeshi Women. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 2099-2107.	1.2	3
71	Impact of interleukin-32 germ-line rs28372698 and intronic rs12934561 polymorphisms on cancer development: A systematic review and meta-analysis. <i>International Immunopharmacology</i> , 2021, 99, 107964.	3.8	3
72	Vascular endothelial growth factor A (VEGFA) promoter rs2010963 polymorphism and cancer risk: An updated meta-analysis and trial sequential analysis. <i>Meta Gene</i> , 2022, 31, 101017.	0.6	3

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73	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> , 2020, 6, e05311.	3.2	2
74	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> , 2021, 4, e348.	1.5	2
75	The first combined meta-analytic approach for elucidating the relationship of circulating resistin levels and RETN gene polymorphisms with colorectal and breast cancer. <i>Egyptian Journal of Medical Human Genetics</i> , 2022, 23, .	1.0	2
76	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> , 2022, 37, 227-240.	1.8	2
77	Prostate Cancer Risk in Relation to CYP3A4 and CYP3A5 Genotypes in the Bangladeshi Population. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2016, 14, 179-185.	0.2	1
78	Association between variants of COQ2 and TNF- α genes and statin-induced toxicities in Bangladeshi hyperlipidemic patients. <i>Drugs and Therapy Perspectives</i> , 2019, 35, 621-626.	0.6	1
79	In vivo Neurological, Analgesic and In vitro Antioxidant and Cytotoxic Activities of Ethanolic Extract of Leaf and Stem Bark of <i>Wedelia chinensis</i> . <i>Bangladesh Pharmaceutical Journal</i> , 2019, 22, 18-26.	0.3	1
80	Irrational pharmacy practice and inadequate health care services in Bangladesh: a lesson learned from COVID-19 pandemic. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 129-130.	1.3	1
81	Association of GOLPH2 gene polymorphisms (rs10868366 and rs7019241) with the risk of Alzheimer's disease: Evidence from a meta-analysis. <i>Meta Gene</i> , 2021, 28, 100868.	0.6	1
82	A case-control study investigating the association of TP53 rs1042522 and CDH1 rs16260 polymorphisms with prostate cancer risk. <i>Meta Gene</i> , 2021, 30, 100962.	0.6	1
83	Thrombolytic, CNS Depressant and Anti-Diarrhoeal Activities of Ethanolic Extract of Bark of <i>Syzygium cumini</i> L. Skeels: An In-Vivo and In-Vitro Study. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2018, 8, 129-136.	0.4	1
84	Antidiarrheal and Antimotility Activities of Stem Bark Extracts of <i>Annona reticulata</i> Linn. in Mice Model. <i>Journal of Applied Life Sciences International</i> , 0, , 1-9.	0.2	1
85	Link of IL-1 β rs16944 polymorphism with breast, cervical and ovarian cancer: A systematic review and meta-analysis. <i>Gene Reports</i> , 2022, 26, 101539.	0.8	1
86	Association of Biochemical Parameters with Renal Functions of End Stage Renal Disease (ESRD) Patients of Bangladesh. <i>Journal of Bioanalysis & Biomedicine</i> , 2017, 09, .	0.1	0
87	Association of reelin gene (RELN) polymorphism with autism spectrum disorder in the Bangladeshi population. <i>Meta Gene</i> , 2021, 29, 100901.	0.6	0
88	Evaluation of Serum Ca, Mg, Cu, Fe, Zn and Mn in Conversion Disorder Patients. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2011, 9, 119-124.	0.2	0
89	Effect of VKORC1 and CYP2C9 polymorphisms on warfarin dose requirement in Bangladeshi population. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 341-346.	0.2	0
90	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> , 2022, 2, 100063.	1.1	0

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91	Assessment of membrane stability, central nervous system depressant, and gut motility effects of <i>Lablab purpureus</i> seeds. <i>Journal of HerbMed Pharmacology</i> , 2022, 11, 238-244.	0.9	0
92	Link of BIN1, CLU, and fIDE Gene Polymorphisms with the Susceptibility of Alzheimer's Disease: Evidence from a Meta-analysis. <i>Current Alzheimer Research</i> , 2022, 19, 302-316.	1.4	0
93	SHANK3 genetic polymorphism and susceptibility to ASD: evidence from molecular, in silico, and meta-analysis approaches. <i>Molecular Biology Reports</i> , 0, , .	2.3	0