Liaquat Ali

List of Publications by Year in descending order

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121	3,470	31	54
papers	citations	h-index	g-index
121	121	121	3999
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Soluble dietary fibre fraction of Trigonella foenum-graecum (fenugreek) seed improves glucose homeostasis in animal models of type 1 and type 2 diabetes by delaying carbohydrate digestion and absorption, and enhancing insulin action. British Journal of Nutrition, 2007, 97, 514-521.	1.2	210
2	Studies on Hypoglycemic Effects of Fruit Pulp, Seed, and Whole Plant of Momordica charantiaon Normal and Diabetic Model Rats. Planta Medica, 1993, 59, 408-412.	0.7	152
3	SPINK1/PSTI mutations are associated with tropical pancreatitis and type II diabetes mellitus in Bangladesh. Gastroenterology, 2002, 123, 1026-1030.	0.6	144
4	Non-adherence to self-care practices & medication and health related quality of life among patients with type 2 diabetes: a cross-sectional study. BMC Public Health, 2014, 14, 431.	1.2	117
5	Ocimum sanctum leaf extracts stimulate insulin secretion from perfused pancreas, isolated islets and clonal pancreatic \hat{l}^2 -cells. Journal of Endocrinology, 2006, 189, 127-136.	1.2	112
6	Effect of soluble dietary fibre fraction of Trigonella foenum graecum on glycemic, insulinemic, lipidemic and platelet aggregation status of Type 2 diabetic model rats. Journal of Ethnopharmacology, 2003, 88, 73-77.	2.0	109
7	Effect of Socioeconomic Risk Factors on the Difference in Prevalence of Diabetes Between Rural and Urban Populations in Bangladesh. Diabetes Care, 1997, 20, 551-555.	4.3	107
8	Mitochondria-targeted Antioxidants Protect Pancreatic \hat{l}^2 -cells against Oxidative Stress and Improve Insulin Secretion in Glucotoxicity and Glucolipotoxicity. Cellular Physiology and Biochemistry, 2011, 28, 873-886.	1.1	101
9	SPINK1 Is a Susceptibility Gene for Fibrocalculous Pancreatic Diabetes in Subjects from the Indian Subcontinent. American Journal of Human Genetics, 2002, 71, 964-968.	2.6	92
10	Characterization of the Hypoglycemic Effects of Trigonella foenum graecum Seed. Planta Medica, 1995, 61, 358-360.	0.7	89
11	Knowledge and self-care practices regarding diabetes among newly diagnosed type 2 diabetics in Bangladesh: a cross-sectional study. BMC Public Health, 2012, 12, 1112.	1.2	87
12	Effects of Mobile Phone SMS to Improve Glycemic Control Among Patients With Type 2 Diabetes in Bangladesh: A Prospective, Parallel-Group, Randomized Controlled Trial. Diabetes Care, 2015, 38, e112-e113.	4.3	87
13	Knowledge attitude and practice regarding diabetes mellitus among Nondiabetic and diabetic study participants in Bangladesh. BMC Public Health, 2017, 17, 364.	1.2	86
14	SPINK1/PSTI Mutations Are Associated with Tropical Pancreatitis in Bangladesh. Pancreatology, 2001, 1, 242-245.	0.5	82
15	Advanced studies on the hypoglycemic effect of Caesalpinia bonducella F. in type 1 and 2 diabetes in Long Evans rats. Journal of Ethnopharmacology, 2003, 84, 41-46.	2.0	80
16	Factors associated with nonadherence to diet and physical activity among nepalese type 2 diabetes patients; a cross sectional study. BMC Research Notes, 2014, 7, 758.	0.6	80
17	Zinc supplementation for improving glucose handling in pre-diabetes: A double blind randomized placebo controlled pilot study. Diabetes Research and Clinical Practice, 2016, 115, 39-46.	1.1	71
18	Changing trends on the place of delivery: why do Nepali women give birth at home?. Reproductive Health, 2012, 9, 25.	1.2	64

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19	Risk factors and prevalence of diabetic peripheral neuropathy: A study of type 2 diabetic outpatients in Bangladesh. International Journal of Diabetes in Developing Countries, 2010, 30, 11.	0.3	62
20	Aqueous extracts of husks of Plantago ovata reduce hyperglycaemia in type 1 and type 2 diabetes by inhibition of intestinal glucose absorption. British Journal of Nutrition, 2006, 96, 131.	1.2	60
21	Insulin secretory actions of extracts of Asparagus racemosus root in perfused pancreas, isolated islets and clonal pancreatic \hat{l}^2 -cells. Journal of Endocrinology, 2007, 192, 159-168.	1.2	60
22	Glycaemic Control for People with Type 2 Diabetes Mellitus in Bangladesh - An urgent need for optimization of management plan. Scientific Reports, 2019, 9, 10248.	1.6	57
23	Antidiabetic activity of Caesalpinia bonducella F. in chronic type 2 diabetic model in Long-Evans rats and evaluation of insulin secretagogue property of its fractions on isolated islets. Journal of Ethnopharmacology, 2005, 97, 117-122.	2.0	56
24	Non-adherence to life-style modification and its factors among type 2 diabetic patients. Indian Journal of Public Health, 2014, 58, 40.	0.3	56
25	Type 2 diabetes mellitus in Bangladesh: a prevalence based cost-of-illness study. BMC Health Services Research, 2019, 19, 601.	0.9	46
26	Antihyperglycaemic activity of <i> Asparagus racemosus </i> roots is partly mediated by inhibition of carbohydrate digestion and absorption, and enhancement of cellular insulin action. British Journal of Nutrition, 2012, 107, 1316-1323.	1.2	42
27	Gamma glutamyl transferase is an independent determinant for the association of insulin resistance with nonalcoholic fatty liver disease in Bangladeshi adults. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2016, 10, S25-S29.	1.8	39
28	Validity of the global physical activity questionnaire (GPAQ) in Bangladesh. BMC Public Health, 2017, 17, 650.	1.2	37
29	Lack of R117H Mutation in the Cationic Trypsinogen Gene in Patients with Tropical Pancreatitis from Bangladesh. Pancreas, 1998, 17, 278-280.	0.5	36
30	Genetic susceptibility to fibrocalculous pancreatic diabetes in Bangladeshi subjects: a family study. Genes and Immunity, 2002, 3, 5-8.	2.2	36
31	Prevalence of cardiovascular disease risk factors: A community-based cross-sectional study in a peri-urban community of Kathmandu, Nepal. Indian Heart Journal, 2018, 70, S20-S27.	0.2	36
32	Risk of diabetic foot ulcer and its associated factors among Bangladeshi subjects: a multicentric cross-sectional study. BMJ Open, 2020, 10, e034058.	0.8	34
33	Home monitoring of blood glucose (HMBG) in Type-2 Diabetes mellitus in a developing country. Diabetes Research and Clinical Practice, 1999, 46, 253-257.	1.1	33
34	Knowledge, attitude and practice of type 2 diabetic patients regarding obesity: study in a tertiary care hospital in Bangladesh. Journal of Public Health in Africa, 2012, 3, 8.	0.2	32
35	Hypoglycaemic and antioxidant activities of <i>Ficus racemosa </i> Linn. fruits. Natural Product Research, 2009, 23, 399-408.	1.0	30
36	Awareness regarding risk factors of type 2 diabetes among individuals attending a tertiary-care hospital in Bangladesh: a cross-sectional study. BMC Research Notes, 2014, 7, 599.	0.6	28

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37	Prevalence and Associated Risk Indicators of Retinopathy in a Rural Bangladeshi Population with and without Diabetes. Ophthalmic Epidemiology, 2013, 20, 220-227.	0.8	26
38	Community clinics in Bangladesh: A unique example of public-private partnership. Heliyon, 2020, 6, e03950.	1.4	26
39	Free and bound sodium in pancreatic \hat{l}^2 -cells exposed to glucose and tolbutamide. Biochemical and Biophysical Research Communications, 1989, 164, 212-218.	1.0	25
40	Pancreatitis in fibrocalculous pancreatic diabetes mellitus is not associated with common mutations in the trypsinogen gene. Diabetes/Metabolism Research and Reviews, 2000, 16, 454-457.	1.7	24
41	Association of serum TNF- $\hat{l}\pm$ and IL-6 with insulin secretion and insulin resistance in IFG and IGT subjects in a Bangladeshi population. International Journal of Diabetes Mellitus, 2010, 2, 165-168.	0.6	24
42	Prevalence of Risk Factors for Cardiovascular Diseases in Bangladesh: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0160180.	1.1	24
43	Prevalence of Diabetes Mellitus and its Associated Risk Indicators in a Rural Bangladeshi Population. The Open Diabetes Journal, 2011, 4, 6-13.	0.4	23
44	Validation of a food frequency questionnaire as a tool for assessing dietary intake in cardiovascular disease research and surveillance in Bangladesh. Nutrition Journal, 2020, 19, 42.	1.5	22
45	Tropical calcific pancreatitis and fibrocalculus pancreatic diabetes in Bangladesh. Journal of Gastroenterology and Hepatology (Australia), 1997, 12, S48-S52.	1.4	21
46	Serum and urinary magnesium in young diabetic subjects in Bangladesh. American Journal of Clinical Nutrition, 1999, 69, 70-73.	2.2	21
47	Association of good glycemic control and cost of diabetes care: Experience from a tertiary care hospital in Bangladesh. Diabetes Research and Clinical Practice, 2016, 120, 142-148.	1.1	21
48	Subclinical inflammation in relation to insulin resistance in prediabetic subjects with nonalcoholic fatty liver disease. BMC Research Notes, 2016, 9, 266.	0.6	20
49	The influence of mobile phone-based health reminders on patient adherence to medications and healthy lifestyle recommendations for effective management of diabetes type 2: a randomized control trial in Dhaka, Bangladesh. BMC Health Services Research, 2020, 20, 520.	0.9	20
50	Pattern and predictors of dyslipidemia in patients with type 2 diabetes mellitus. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2013, 7, 95-100.	1.8	19
51	Application of two versions of the WHO/international society of hypertension absolute cardiovascular risk assessment tools in a rural Bangladeshi population. BMJ Open, 2015, 5, e008140.	0.8	18
52	Gender Specific Association of Serum Leptin and Insulinemic Indices with Nonalcoholic Fatty Liver Disease in Prediabetic Subjects. PLoS ONE, 2015, 10, e0142165.	1.1	17
53	Physical activity levels and associated cardiovascular disease risk factors among postmenopausal rural women of Bangladesh. Indian Heart Journal, 2018, 70, S161-S166.	0.2	16
54	Association of metabolic syndrome with chronic obstructive pulmonary disease in an Indian population. Lung India, 2016, 33, 385.	0.3	16

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55	Screening for chronic kidney diseases among an adult population. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2013, 24, 534.	0.4	16
56	Cost-effectiveness analysis of medical intervention in patients with early detection of diabetic foot in a tertiary care hospital in Bangladesh. Journal of Diabetes and Its Complications, 2010, 24, 259-264.	1.2	15
57	Osteopenia and Osteoporosis Among 16–65 Year Old Women Attending Outpatient Clinics. Journal of Community Health, 2014, 39, 1071-1076.	1.9	15
58	Incidence of diabetic retinopathy in Bangladesh: A 15â€year followâ€up study*. Journal of Diabetes, 2012, 4, 386-391.	0.8	14
59	Determinants of overweight and obesity among Bangladeshi diabetic women of reproductive age. BMC Research Notes, 2014, 7, 513.	0.6	14
60	Effect of aqueous extract of <i>Aegle marmelos</i> fruit and leaf on glycemic, insulinemic and lipidemic status of type 2 diabetic model rats. Journal of Complementary and Integrative Medicine, 2017, 14, .	0.4	14
61	Healthâ€related quality of life and its predictors among the typeÂ2 diabetes population of Bangladesh: A nationâ€wide crossâ€sectional study. Journal of Diabetes Investigation, 2021, 12, 277-285.	1.1	14
62	Prognostic value of a 92-probe signature in breast cancer. Oncotarget, 2015, 6, 15662-15680.	0.8	14
63	Diabetes mellitus in tropical chronic pancreatitis is not just a secondary type of diabetes. Pancreatology, 2004, 4, 461-467.	0.5	13
64	Risk factors of diabetic retinopathy in Bangladeshi type 2 diabetic patients. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2011, 5, 196-200.	1.8	13
65	Arsenic exposure increases maternal but not cord serum Ig <scp>G</scp> in <scp>B</scp> angladesh. Pediatrics International, 2015, 57, 119-125.	0.2	13
66	Sulphonamide modulation of sodium content in rat pancreatic islets. European Journal of Pharmacology, 1988, 158, 257-262.	1.7	11
67	Effects of Hilsa ilisa fish oil on the atherogenic lipid profile and glycaemic status of streptozotocin-treated type 1 diabetic rats. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 76-81.	0.9	11
68	Association of serum free IGF-1 and IGFBP-1 with insulin sensitivity in impaired glucose tolerance (IGT). International Journal of Diabetes Mellitus, 2010, 2, 144-147.	0.6	11
69	Seasonal Variations in Physical Activity Domains among Rural and Urban Bangladeshis Using a Culturally Relevant Past Year Physical Activity Questionnaire (PYPAQ). Journal of Environmental and Public Health, 2019, 2019, 1-9.	0.4	11
70	Prevalence of non-communicable disease risk factors among nurses and para-health professionals working at primary healthcare level of Bangladesh: a cross-sectional study. BMJ Open, 2021, 11, e043298.	0.8	11
71	Acetylation phenotype status in a Bangladeshi population and its comparison with that of other Asian population data. Biopharmaceutics and Drug Disposition, 2004, 25, 237-241.	1.1	10
72	Determinants of Insulin Secretion and Sensitivity in Bangladeshi Type 2 Diabetic Subjects. Metabolic Syndrome and Related Disorders, 2007, 5, 275-281.	0.5	10

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73	Inhibitory effect of Ipomoea aquatica extracts on glucose absorption using a perfused rat intestinal preparation. Fìtoterapìâ, 2007, 78, 526-529.	1.1	10
74	Association of Human Papilloma Virus Infection and Oral Squamous Cell Carcinoma in Bangladesh. Journal of Health, Population and Nutrition, 2013, 31, 65-9.	0.7	10
75	Simple risk score to detect rural Asian Indian (Bangladeshi) adults at high risk for typeÂ2 diabetes. Journal of Diabetes Investigation, 2015, 6, 670-677.	1.1	10
76	Healthcare cost of type 2 diabetes mellitus in Bangladesh: a hospital-based study. International Journal of Diabetes in Developing Countries, 2016, 36, 235-241.	0.3	10
77	Atherogenic index of plasma and its association with cardiovascular disease risk factors among postmenopausal rural women of Bangladesh. Indian Heart Journal, 2019, 71, 155-160.	0.2	10
78	Effects of Gymnema lactiferum leaves on glycemic and lipidemic status in type 2 diabetes subjects. Bangladesh Journal of Pharmacology, 2009, 4, .	0.1	9
79	Diagnostic accuracy of direct ophthalmoscopy for detection of diabetic retinopathy using fundus photographs as a reference standard. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2014, 8, 96-101.	1.8	9
80	Serum vaspin levels are associated with decreased insulin sensitivity in newly diagnosed type 2 diabetes mellitus in Bangladesh. Journal of Taibah University Medical Sciences, 2015, 10, 327-332.	0.5	9
81	Short-term predictive ability of selected cardiovascular risk prediction models in a rural Bangladeshi population: a case-cohort study. BMC Cardiovascular Disorders, 2016, 16, 105.	0.7	9
82	Serum glucose and insulin response to mango and papaya in type 2 diabetic subjects. Nutrition Research, 2003, 23, 9-14.	1.3	7
83	Influence of maternal diabetes on serum leptinemic and insulinemic status of the offspring: A case study of selected patients in a tertiary care hospital in Bangladesh. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2011, 5, 33-37.	1.8	7
84	Cardiovascular risk factors among Bangladeshi ready-made garment workers. Journal of Public Health in Africa, 2014, 5, 373.	0.2	7
85	Cardiovascular risk assessment among rural population: findings from a cohort study in a peripheral region of Bangladesh. Public Health, 2016, 137, 73-80.	1.4	7
86	Glucose stimulation of ouabainâ€resistant efflux of Na+ from rat pancreatic islets Journal of Physiology, 1991, 435, 295-302.	1.3	6
87	Clinical and biochemical characterization of high risk and not high risk for cardiovascular disease adults in a population from peripheral region of Bangladesh. BMC Public Health, 2015, 15, 559.	1.2	6
88	Prevalence and determinants of metabolic syndrome among newly diagnosed type 2 diabetic subjects according to different criteria. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2015, 9, 120-123.	1.8	6
89	Health-related quality of life among people with type 2 diabetes mellitus – A multicentre study in Bangladesh. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2021, 15, 102255.	1.8	6
90	Concordance between two versions of world health organization/international society of hypertension risk prediction chart and framingham risk score among postmenopausal women in a rural area of Bangladesh. Indian Journal of Public Health, 2019, 63, 101.	0.3	6

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91	Effects of depolarizing agents on the sodium content of rat pancreatic islets. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1010, 283-286.	1.9	5
92	Insulin secretion and sensitivity in Bangladeshi prediabetic subjects. Journal of Diabetes and Its Complications, 2010, 24, 37-42.	1.2	5
93	Risk indicators of diabetic retinopathy in patients with type 2 diabetes screened by fundus photographs: a study from Pakistan. International Journal of Diabetes in Developing Countries, 2015, 35, 333-338.	0.3	5
94	Serum and intracellular levels of ionized sodium, potassium, and magnesium in type 2 diabetic subjects. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2015, 5, 69.	0.6	5
95	Opposing effects of glucose and tolbutamide on the sodium content of rat pancreatic islets. European Journal of Endocrinology, 1988, 118, 227-231.	1.9	4
96	Agreement between 2017 ACC/AHA Hypertension Clinical Practice Guidelines and Seventh Report of the Joint National Committee Guidelines to Estimate Prevalence of Postmenopausal Hypertension in a Rural Area of Bangladesh: A Cross Sectional Study. Medicina (Lithuania), 2019, 55, 315.	0.8	4
97	Importance of Acetylator Phenotype in the Identity of Asian Populations. Human Biology, 2007, 79, 363-368.	0.4	3
98	Cost-effectiveness analysis of medical intervention in patients with early detected of Diabetic Nephropathy in a tertiary care hospital in Bangladesh. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2010, 4, 123-127.	1.8	3
99	Ayurpharmacoepidemiology Perspective. Journal of Evidence-Based Complementary & Alternative Medicine, 2017, 22, 242-250.	1.5	3
100	Cost-of-illness and its determinants for type 2 diabetes mellitus in Bangladesh:. Bangladesh Journal of Medical Science, 2019, 18, 501-507.	0.1	3
101	Burden of macro- and micro-vascular complications of type 2 diabetes in Bangladesh. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1615-1622.	1.8	3
102	Metabolic syndrome of prediabetic and diabetic subjects in a Bangladeshi population. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2009, 3, 233-236.	1.8	2
103	Knowledge, Attitude And Practice Of Hypercholesterolemic Type 2 Diabetic Subjects On Dyslipidemia. IMC Journal of Medical Sciences, 2012, 5, 37-41.	0.1	2
104	Increased concentration of circulating visfatin associates with post-challenged hyperglycaemia and insulin resistance in IGT subjects. Journal of Taibah University Medical Sciences, 2015, 10, 481-487.	0.5	2
105	Bone mineral density: reference values and correlates for Bangladeshi women aged 16–65 years. Journal of Orthopaedic Science, 2015, 20, 522-528.	0.5	2
106	Anti-diabetic effect of Oyster Mushroom mediates through increased AMP-activated protein kinase (AMPK) and cyclic AMP-response element binding (CREB) protein in Type 2 Diabetic model Rats. Bangladesh Journal of Medical Science, 2018, 17, 661-668.	0.1	2
107	Prescribing behavior of diabetes treating physicians in selected health care facilities of the Diabetic Association of Bangladesh. Indian Journal of Public Health, 2014, 58, 180.	0.3	2
108	Type 2 diabetes mellitus (T2DM) subjects of Bangladeshi origin with fast N-acetyltransferase 2 (NAT2) acetylator phenotype show lower insulin sensitivity than slow acetylator phenotype. International Journal of Diabetes in Developing Countries, 2013, 33, 213-218.	0.3	1

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109	Association of serum free IGF-1 and IGFBP-1 with insulin sensitivity and insulin secretory defects in Bangladeshi type 2 diabetes mellitus. Journal of Taibah University Medical Sciences, 2014, 9, 132-138.	0.5	1
110	Knowledge and self-care practice regarding diabetes among type 2diabetics: experience from a non-profit hospital chain in Bangladesh. International Journal of Diabetes in Developing Countries, 2018, 38, 478-485.	0.3	1
111	Technical accuracy of ten self-monitoring blood glucose devices commonly used in Dhaka City of Bangladesh. International Journal of Diabetes in Developing Countries, 2019, 39, 579-584.	0.3	1
112	Mobile SMS: A tool for management of diabetes via patients-relative's knowledge and belief. Clinical Epidemiology and Global Health, 2020, 8, 455-460.	0.9	1
113	Macronutrient intake and association with the risk factors of diabetic complications among people with type 2 diabetes. Clinical Epidemiology and Global Health, 2021, 10, 100667.	0.9	1
114	Community Clinic in Bangladesh: Empowering women through utilization and participation. Asia Pacific Journal of Health Management, 2021, 16, 54-64.	0.6	1
115	A Systematic Review on Knowledge-Attitude-Practice on diabetes: Assessment Process and Outcome Levels. Research Journal of Pharmacy and Technology, 2021, , 6125-6138.	0.2	1
116	Neuropathic changes in young type 2 diabetes mellitus related to high serum t-PA. Bangladesh Journal of Medical Science, 2014, 13, 190-197.	0.1	0
117	Central Obesity Plays an Important Role for the Development of Type 2 Diabetes in Bangladeshi Women. Bangladesh Journal of Medical Science, 2014, 13, 278-284.	0.1	0
118	Lipid Abnormalities in the Natural History of Diabetes. Journal of Medicine (Bangladesh), 2015, 16, 83-88.	0.1	0
119	Proportion and predictors of SMBG use among type 2 diabetic subjects in three tertiary care hospitals in Dhaka City. Heliyon, 2021, 7, e07619.	1.4	0
120	Plasma total homocysteine is not associated with peripheral neuropathy in a groups Bangladeshi type 2 diabetic subjects. Bangladesh Journal of Medical Science, 2012, 11, 335-342.	0.1	0
121	Effect of Low Dose Oral Contraceptive Pill on Glycemic and Lipidemic status in Women with Normal and Low BMI. Bangladesh Journal of Obstetrics and Gynecology, 2016, 29, 65-72.	0.1	0