

# Mohammad Salim Hossain

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

476  
citations

759233

12  
h-index

794594

19  
g-index

50  
all docs

50  
docs citations

50  
times ranked

610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of serum C-reactive protein (CRP) and D-dimer concentration on the severity of COVID-19 cases with or without diabetes: a systematic review and meta-analysis. <i>Expert Review of Endocrinology and Metabolism</i> , 2022, 17, 83-93.	2.4	8
2	Assessment of Polyunsaturated Fatty Acids on COVID-19-Associated Risk Reduction. <i>Revista Brasileira De Farmacognosia</i> , 2022, 32, 50-64.	1.4	15
3	Arachidonic acid supplementation attenuates adipocyte inflammation but not adiposity in high fat diet induced obese mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 608, 90-95.	2.1	14
4	Aspirin attenuates the expression of adhesion molecules, risk of obesity, and adipose tissue inflammation in high-fat diet-induced obese mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2022, 162, 106664.	1.9	14
5	Formulation, Development and Evaluation of Bisoprolol Sustained Release Tablets. <i>Journal of Scientific Research</i> , 2021, 13, 209-219.	0.3	0
6	Soluble Dietary Fiber from Aloe Vera and Lady's Finger; Effect on Glucose Absorption in Type-2 Diabetic Model Rats. <i>Journal of Scientific Research</i> , 2021, 13, 669-678.	0.3	0
7	Role of arachidonic cascade in COVID-19 infection: A review. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 154, 106539.	1.9	32
8	Evaluation of Body Weight, Serum Lipid Profile, Glucose Homeostasis, Oxidative Stress and Hepatic Function in Healthy Mice Fed With Zinc Sulphate Supplementation. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2021, 20, 59-66.	0.2	2
9	Obesity, a major risk factor for immunity and severe outcomes of COVID-19. <i>Bioscience Reports</i> , 2021, 41, .	2.4	12
10	Alteration of neuropharmacological behavior by elemental zinc in healthy adult mice. <i>Journal of Research in Pharmacy</i> , 2021, 25(5), 626-632.	0.2	0
11	Association between COVID-19 and psychological disorders with possible mechanisms. <i>Journal of Research in Pharmacy</i> , 2021, 25(6), 799-806.	0.2	0
12	In vivo and in silico Evaluation of Analgesic and Hypoglycemic Activities of Roots of <i>Acacia nilotica</i> , <i>Azadirachta indica</i> and <i>Justica adhatoda</i> . <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2021, 20, 185-197.	0.2	1
13	Biological efficacy of zinc oxide nanoparticles against diabetes: a preliminary study conducted in mice. <i>Bioscience Reports</i> , 2020, 40, .	2.4	48
14	Formulation and Quality Optimization of Effervescent Tablet of Glipizide: An Approach to Comfort Anti-Diabetic Medication. <i>Modern Health Science</i> , 2020, 3, p14.	0.2	0
15	Antihyperlipidemic screening and plasma uric acid reducing potential of <i>Momordica charantia</i> seeds on Swiss albino mice model. <i>Heliyon</i> , 2019, 5, e01739.	3.2	11
16	A Review on Revolution of Pharmaceutical Sector in Bangladesh after Liberation War and Future Prospects and Challenges. <i>International Journal of Pharmaceutical Investigation</i> , 2019, 9, 89-92.	0.3	3
17	Antiobesity and Lipid Lowering Activity of <i>Vigna unguiculata</i> (L) Walp. Seed in High Fat Diet Induced Obese Mice. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2019, 9, 233-238.	0.4	1
18	Analysis of serum electrolyte and lipid profile in young Bangladeshi female with Type II Diabetes. <i>Cogent Biology</i> , 2018, 4, 1431474.	1.7	0

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19	Attenuation of lipid peroxidation and atherogenic factors in diabetic patients treated with gliclazide and metformin. <i>Journal of Research in Medical Sciences</i> , 2018, 23, 77.	0.9	6
20	Methanol extract of <i>Solanum violaceum</i> root possesses antiobesity, hypolipidemic, thrombolytic and membrane stabilizing activity. <i>Marmara Pharmaceutical Journal</i> , 2018, 22, 96-102.	0.5	3
21	Swelling and mucoadhesive behavior with drug release characteristics of gastroretentive drug delivery system based on a combination of natural gum and semi-synthetic polymers. <i>Marmara Pharmaceutical Journal</i> , 2018, 22, 286-298.	0.5	2
22	Elemental Zinc Is Inversely Associated with C-Reactive Protein and Oxidative Stress in Chronic Liver Disease. <i>Biological Trace Element Research</i> , 2017, 178, 189-193.	3.5	23
23	P5 Histological and antihyperlipidemic screening along with plasma uric acid reducing potential of ethanolic extract of <i>Momordica charantia</i> seeds on swiss albino mice model. <i>Biochemical Pharmacology</i> , 2017, 139, 126.	4.4	1
24	Tartrazine induced changes in physiological and biochemical parameters in Swiss albino mice, <i>Mus musculus</i> . <i>Marmara Pharmaceutical Journal</i> , 2017, 21, 564-564.	0.5	5
25	Antioxidant and Membrane Stabilizing Activities of Bark of <i>Sonneratia apetala</i> . <i>Bangladesh Pharmaceutical Journal</i> , 2016, 19, 147-151.	0.3	4
26	Formulation and In vitro Characterization of Hydrochlorothiazide Gastroretentive Floating Drug Delivery System. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2016, 14, 163-170.	0.2	1
27	Analytical method development and validation of Secnidazole in the tablet dosage form by RP-HPLC method. <i>International Current Pharmaceutical Journal</i> , 2016, 5, 41-44.	0.3	5
28	In-Vitro and In-Vivo Pharmacological Activities with Phytochemical Evaluation of Methanolic Extract of <i>Microcos paniculata</i> Stem Barks. <i>Current Drug Therapy</i> , 2016, 11, 142-149.	0.3	12
29	Formulation Design and In Vitro Evaluation of Carbamazepine Gastroretentive Floating Drug Delivery System for Oral Application. <i>Marmara Pharmaceutical Journal</i> , 2016, 21, 59-66.	0.5	1
30	Ciprofloxacin residue and their impact on biomolecules in eggs of laying hens following oral administration. <i>International Journal of Food Contamination</i> , 2015, 2, .	4.3	12
31	Analgesic and anti-diarrhoeal activities of <i>Lagerstroemia speciosa</i> roots in experimental animal model. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2015, 13, 57-62.	0.2	8
32	Quality analysis of different marketed brands of paracetamol available in Bangladesh. <i>International Current Pharmaceutical Journal</i> , 2015, 4, 432-435.	0.3	5
33	Aspect of Thrombolytic Therapy: A Review. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	48
34	Determination of the presence and pharmacokinetic profile of ciprofloxacin by TLC and HPLC method respectively in broiler chicken after single oral administration. <i>Journal of Antibiotics</i> , 2014, 67, 745-748.	2.0	6
35	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
36	Assessment of pharmacological activities of two medicinal plant of Bangladesh: <i>Launaea sarmentosa</i> and <i>Aegialitis rotundifolia</i> roxb in the management of pain, pyrexia and inflammation. <i>Biological Research</i> , 2014, 47, 55.	3.4	22

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37	Susceptibility of microorganism to selected medicinal plants in Bangladesh. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 911-917.	1.2	9
38	In vitro thrombolytic potential of root extracts of four medicinal plants available in Bangladesh. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2014, 33, 160.	0.3	15
39	Prevalence of iron-deficiency anaemia among university students in Noakhali region, Bangladesh. <i>Journal of Health, Population and Nutrition</i> , 2014, 32, 103-10.	2.0	19
40	A Monoclonal Antibody Specific for $\hat{I}^{12}$ -Prostaglandin J2 and Its Utilization in the Immunological Assay in Cell Culture System of Adipocytes. <i>Hybridoma</i> , 2012, 31, 364-371.	0.4	1
41	Prostaglandin J2 series induces the gene expression of monocyte chemoattractant protein-1 during the maturation phase of cultured adipocytes. <i>Gene</i> , 2012, 502, 138-141.	2.2	7
42	Generation of Monoclonal Antibody for 15-deoxy- $\hat{I}^{12,14}$ -Prostaglandin J2 and Development of Enzyme-Linked Immunosorbent Assay for Its Quantification in Culture Medium of Adipocytes. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1107-1118.	2.9	3
43	Effects of release modifier on Carvedilol release from Kollidon SR based matrix. <i>International Current Pharmaceutical Journal</i> , 2012, 1, 186-192.	0.3	2
44	Development and evaluation of sustained release losartan potassium matrix tablet using kollidon SR as release retardant. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2012, 48, 621-628.	1.2	5
45	Stable expression of lipocalin-type prostaglandin D synthase in cultured preadipocytes impairs adipogenesis program independently of endogenous prostanoids. <i>Experimental Cell Research</i> , 2012, 318, 408-415.	2.6	10
46	Prevalence, belief and awareness of preferring traditional healthcare system in urban and rural people of Noakhali district, Bangladesh. <i>International Current Pharmaceutical Journal</i> , 2012, 1, 229-234.	0.3	6
47	Sustained expression of lipocalin-type prostaglandin D synthase in the antisense direction positively regulates adipogenesis in cloned cultured preadipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 287-292.	2.1	14
48	Development of enzyme-linked immunosorbent assay for $\hat{I}^{12}$ -prostaglandin J2 and its application to the measurement of the endogenous product generated by cultured adipocytes during the maturation phase. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 94, 73-80.	1.9	26
49	In Vitro Evaluation of Oral Extended Release Drug Delivery System for Metoprolol Succinate Using Kollidon SR. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	1.0	0