

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	Aspect of Thrombolytic Therapy: A Review. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	48
2	Biological efficacy of zinc oxide nanoparticles against diabetes: a preliminary study conducted in mice. Bioscience Reports, 2020, 40, .	2.4	48
3	Role of arachidonic cascade in COVID-19 infection: A review. Prostaglandins and Other Lipid Mediators, 2021, 154, 106539.	1.9	32
4	Development of enzyme-linked immunosorbent assay for $\hat{1}$ ² -prostaglandin J2 and its application to the measurement of the endogenous product generated by cultured adipocytes during the maturation phase. Prostaglandins and Other Lipid Mediators, 2011, 94, 73-80.	1.9	26
5	In vivo antipyretic, antiemetic, in vitro membrane stabilization, antimicrobial, and cytotoxic activities of different extracts from <i>Spilanthes paniculata</i> leaves. Biological Research, 2014, 47, 45.	3.4	25
6	Elemental Zinc Is Inversely Associated with C-Reactive Protein and Oxidative Stress in Chronic Liver Disease. Biological Trace Element Research, 2017, 178, 189-193.	3.5	23
7	Assessment of pharmacological activities of two medicinal plant of Bangladesh: <i>Launaea sarmentosa</i> and <i>Aegialitis rotundifolia roxb</i> in the management of pain, pyrexia and inflammation. Biological Research, 2014, 47, 55.	3.4	22
8	Prevalence of iron-deficiency anaemia among university students in Noakhali region, Bangladesh. Journal of Health, Population and Nutrition, 2014, 32, 103-10.	2.0	19
9	In vitro thrombolytic potential of root extracts of four medicinal plants available in Bangladesh. Ancient Science of Life: Journal of International Institute of Ayurveda, 2014, 33, 160.	0.3	15
10	Assessment of Polyunsaturated Fatty Acids on COVID-19-Associated Risk Reduction. Revista Brasileira De Farmacognosia, 2022, 32, 50-64.	1.4	15
11	Sustained expression of lipocalin-type prostaglandin D synthase in the antisense direction positively regulates adipogenesis in cloned cultured preadipocytes. Biochemical and Biophysical Research Communications, 2011, 411, 287-292.	2.1	14
12	Arachidonic acid supplementation attenuates adipocyte inflammation but not adiposity in high fat diet induced obese mice. Biochemical and Biophysical Research Communications, 2022, 608, 90-95.	2.1	14
13	Aspirin attenuates the expression of adhesion molecules, risk of obesity, and adipose tissue inflammation in high-fat diet-induced obese mice. Prostaglandins and Other Lipid Mediators, 2022, 162, 106664.	1.9	14
14	Ciprofloxacin residue and their impact on biomolecules in eggs of laying hens following oral administration. International Journal of Food Contamination, 2015, 2, .	4.3	12
15	In-Vitro and In-Vivo Pharmacological Activities with Phytochemical Evaluation of Methanolic Extract of <i>Microcos paniculata</i> Stem Barks. Current Drug Therapy, 2016, 11, 142-149.	0.3	12
16	Obesity, a major risk factor for immunity and severe outcomes of COVID-19. Bioscience Reports, 2021, 41, .	2.4	12
17	Antihyperlipidemic screening and plasma uric acid reducing potential of <i>Momordica charantia</i> seeds on Swiss albino mice model. Heliyon, 2019, 5, e01739.	3.2	11
18	Stable expression of lipocalin-type prostaglandin D synthase in cultured preadipocytes impairs adipogenesis program independently of endogenous prostanoids. Experimental Cell Research, 2012, 318, 408-415.	2.6	10

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19	Susceptibility of microorganism to selected medicinal plants in Bangladesh. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 911-917.	1.2	9
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Quality analysis of different marketed brands of paracetamol available in Bangladesh. <i>International Current Pharmaceutical Journal</i> , 2015, 4, 432-435.	0.3	5
28	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
29	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
30	Antioxidant and Membrane Stabilizing Activities of Bark of <i>Sonneratia apetala</i> . <i>Bangladesh Pharmaceutical Journal</i> , 2016, 19, 147-151.	0.3	4
31	Generation of Monoclonal Antibody for 15-deoxy- $\Delta^{12,14}$ -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
32	Methanol extract of <i>Solanum violaceum</i> root possess antiobesity, hypolipidemic, thrombolytic and membrane stabilizing activity. <i>Marmara Pharmaceutical Journal</i> , 2018, 22, 96-102.	0.5	3
33	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
34	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
35	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
36	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

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37	A Monoclonal Antibody Specific for $\text{IP}12$ -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
38	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
39	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
40	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
41	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
42	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
43	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
44	Formulation, Development and Evaluation of Bisoprolol Sustained Release Tablets. <i>Journal of Scientific Research</i> , 2021, 13, 209-219.	0.3	0
45	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
46	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
47	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
48	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
49	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