

Md Moklesur Rahman Sarker

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51
papers

779
citations

15
h-index

26
g-index

60
ext. papers

1,141
ext. citations

3.8
avg, IF

4.61
L-index

#	Paper	IF	Citations
51	Hypoglycemic activity and gut microbiota regulation of a novel polysaccharide from <i>Grifola frondosa</i> in type 2 diabetic mice. <i>Food and Chemical Toxicology</i> , 2019 , 126, 295-302	4.7	68
50	Metformin in colorectal cancer: molecular mechanism, preclinical and clinical aspects. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 491	12.8	61
49	Structural characterization and antidiabetic potential of a novel heteropolysaccharide from <i>Grifola frondosa</i> via IRS1/PI3K-JNK signaling pathways. <i>Carbohydrate Polymers</i> , 2018 , 198, 452-461	10.3	58
48	Evaluation of the acute and sub-acute toxicity of the ethanolic extract of <i>Pericampylus glaucus</i> (Lam.) Merr. in BALB/c mice. <i>Journal of Acute Disease</i> , 2015 , 4, 309-315	0.9	49
47	The effect of pomegranate fresh juice versus pomegranate seed powder on metabolic indices, lipid profile, inflammatory biomarkers, and the histopathology of pancreatic islets of Langerhans in streptozotocin-nicotinamide induced type 2 diabetic Sprague-Dawley rats. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 151	4.7	42
46	Antiproliferative and apoptosis inducing effects of citral via p53 and ROS-induced mitochondrial-mediated apoptosis in human colorectal HCT116 and HT29 cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 834-846	7.5	39
45	Interplay of the Quality of Ciprofloxacin and Antibiotic Resistance in Developing Countries. <i>Frontiers in Pharmacology</i> , 2017 , 8, 546	5.6	38
44	Outbreak of vaccine-preventable diseases in Muslim majority countries. <i>Journal of Infection and Public Health</i> , 2018 , 11, 153-155	7.4	37
43	Comprehensive Review on Phytochemicals, Pharmacological and Clinical Potentials of. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1223	5.6	32
42	Bioactive compounds and advanced processing technology: <i>Phaleria macrocarpa</i> (sheff.) Boerl, a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 981-991	3.5	32
41	Alternative Treatments for Weight Loss: Safety/Risks and Effectiveness of Anti-Obesity Medicinal Plants. <i>International Journal of Food Properties</i> , 2015 , 18, 1942-1963	3	26
40	Prophetic medicine as potential functional food elements in the intervention of cancer: A review. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 614-648	7.5	26
39	Ethnopharmacological uses, phytochemistry, biological activities, and therapeutic applications of <i>Clinacanthus nutans</i> (Burm. f.) Lindau: A comprehensive review. <i>Journal of Ethnopharmacology</i> , 2017 , 206, 245-266	5	21
38	Alpha amylase enzyme inhibitory and anti-inflammatory effect of <i>Lawsonia inermis</i> . <i>Pakistan Journal of Biological Sciences</i> , 2013 , 16, 1796-800	0.8	19
37	Antihyperglycemic, insulin-sensitivity and anti-hyperlipidemic potential of <i>Ganoderma lucidum</i> , a dietary mushroom, on alloxan- and glucocorticoid-induced diabetic Long-Evans rats. <i>Functional Foods in Health and Disease</i> , 2015 , 5, 450	2.5	18
36	Enhancement of Immunoglobulin M Production in B Cells by the Extract of Red Bell Pepper. <i>Journal of Health Science</i> , 2010 , 56, 304-309		15
35	Therapeutic Effectiveness and Safety of Repurposing Drugs for the Treatment of COVID-19: Position Standing in 2021. <i>Frontiers in Pharmacology</i> , 2021 , 12, 659577	5.6	15

34	Traditional Herbal Medicines, Bioactive Metabolites, and Plant Products Against COVID-19: Update on Clinical Trials and Mechanism of Actions. <i>Frontiers in Pharmacology</i> , 2021 , 12, 671498	5.6	13
33	Enhancement of the production of L-glutaminase, an anticancer enzyme, from <i>Aeromonas veronii</i> by adaptive and induced mutation techniques. <i>PLoS ONE</i> , 2017 , 12, e0181745	3.7	12
32	Promotion of anti-keyhole limpet hemocyanin IgM and IgG antibody productions in vitro by red bell pepper extract. <i>Journal of Functional Foods</i> , 2013 , 5, 1918-1926	5.1	12
31	Knowledge, Perception, and Willingness towards Immunization among Bangladeshi Population during COVID-19 Vaccine Rolling Period.. <i>Vaccines</i> , 2021 , 9,	5.3	12
30	Screening of <i>Baccaurea ramiflora</i> (Lour.) extracts for cytotoxic, analgesic, anti-inflammatory, neuropharmacological and antidiarrheal activities. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 35	4.7	11
29	Antidiarrheal, antimicrobial and antioxidant potentials of methanol extract of <i>Colocasia gigantea</i> Hook. f. leaves: evidenced from in vivo and in vitro studies along with computer-aided approaches. <i>BMC Complementary Medicine and Therapies</i> , 2021 , 21, 119	2.9	11
28	Self-Care and Self-Management Among Adolescent T2DM Patients: A Review. <i>Frontiers in Endocrinology</i> , 2018 , 9, 489	5.7	10
27	Clinical Characteristics and Diagnostic Challenges of COVID-19: An Update From the Global Perspective. <i>Frontiers in Public Health</i> , 2020 , 8, 567395	6	10
26	Levofloxacin: Insights Into Antibiotic Resistance and Product Quality. <i>Frontiers in Pharmacology</i> , 2019 , 10, 881	5.6	9
25	Polymethoxyflavones from (Solanaceae) Exert Antinociceptive and Neuropharmacological Effects in Mice. <i>Frontiers in Pharmacology</i> , 2018 , 9, 85	5.6	8
24	Preliminary Anti-bacterial Activity of Some Indigenous Plants of Bangladesh. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2010 , 8, 61-65	0.6	7
23	Preliminary study of the immunostimulating activity of an ayurvedic preparation, Kanakasava, on the splenic cells of BALB/c mice in vitro. <i>Pharmaceutical Biology</i> , 2012 , 50, 1467-72	3.8	7
22	Keyhole limpet hemocyanin augmented the killing activity, cytokine production and proliferation of NK cells, and inhibited the proliferation of Meth A sarcoma cells in vitro. <i>Indian Journal of Pharmacology</i> , 2014 , 46, 40-5	2.5	6
21	Dengue Fever: Therapeutic Potential of L. Leaves. <i>Frontiers in Pharmacology</i> , 2021 , 12, 610912	5.6	6
20	Immunopotentiality of Ayurvedic polyherbal formulations Saribadi and Anantamul Salsal with augmentation of IgM production and lymphocytes proliferation: A preliminary study. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016 , 6, 568-573	1.4	6
19	The Potential Mechanisms of the Neuroprotective Actions of Oil Palm Phenolics: Implications for Neurodegenerative Diseases. <i>Molecules</i> , 2020 , 25,	4.8	5
18	Studies of the impact of occupational exposure of pharmaceutical workers on the development of antimicrobial drug resistance. <i>Journal of Occupational Health</i> , 2014 , 56, 260-70	2.3	5
17	A review of ethnobotany, phytochemistry, antimicrobial pharmacology and toxicology of <i>Nigella sativa</i> L. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 143, 112182	7.5	5

16	Herbal products containing aristolochic acids: A call to revisit the context of safety. <i>Journal of Herbal Medicine</i> , 2021 , 28, 100447	2.3	4
15	Antidiabetic activity of <i>Neolamarckia cadamba</i> (Roxb.) Bosser flower extract in alloxan-induced diabetic rats. <i>Clinical Phytoscience</i> , 2020 , 6,	2.4	3
14	Phytochemical and Therapeutic Potential of (L.) Osbeck: A Review. <i>Journal of Evidence-based Integrative Medicine</i> , 2021 , 26, 2515690X211043741	2.8	3
13	A Retrospective Cross-Sectional Study Assessing Self-Reported Adverse Events following Immunization (AEFI) of the COVID-19 Vaccine in Bangladesh. <i>Vaccines</i> , 2021 , 9,	5.3	3
12	An Experimental Evaluation of Adaptogenic Potential of Standardized Leaf Extract. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2017 , 9, 88-93	1.1	2
11	Evaluation of the Pharmaceutical Quality of Different Brands of Ranitidine Tablets Manufactured in Bangladesh: A Pharmaceutical and Public Health Prospective. <i>Journal of Applied Pharmaceutical Science</i> , 2016 , 055-061	2	2
10	L.: A Review on Ethnopharmacology, Phytochemistry, and Cardiovascular Benefits.. <i>Molecules</i> , 2021 , 27,	4.8	2
9	A Spinasteryl Glycoside from <i>Ipomoea turpethum</i> L. Herb (Stem) Growing in Bangladesh. <i>Journal of the Bangladesh Academy of Sciences</i> , 2012 , 36, 13-17	0.3	1
8	Chemico-Pharmacological Screening of the Methanol Extract of <i>Gynura nepalensis</i> D.C. Deciphered Promising Antioxidant and Hepatoprotective Potentials: Evidenced from in vitro, in vivo, and Computer-Aided Studies. <i>Molecules</i> , 2022 , 27, 3474	4.8	1
7	Safety and efficacy of <i>Labisia pumila</i> containing products. <i>Archives of Pharmacy Practice</i> , 2016 , 7, 53	0	0
6	The anti-hyperuricemic effects of green alga <i>Enteromorpha prolifera</i> polysaccharide via regulation of the uric acid transporters in vivo. <i>Food and Chemical Toxicology</i> , 2021 , 158, 112630	4.7	0
5	Possible role of a compound identified from <i>Pericampylus glaucus</i> plant in controlling blood glucose in experimental animals. <i>Egyptian Pharmaceutical Journal(Egypt)</i> , 2017 , 16, 37	0.6	0
4	Effect of compounds identified in the active fraction of <i>pericampylus glaucus</i> on blood glucose and lipid profiles in streptozotocin-induced diabetic rats. <i>Egyptian Pharmaceutical Journal(Egypt)</i> , 2017 , 16, 8	0.6	0
3	Oxidizability assay of unfractionated plasma of patients' with different plasma profile: a methodological study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014 , 13, 54	2.5	
2	Factors Associated with HIV Testing Behaviors among Female Sex Workers in Rajshahi City, Bangladesh. <i>Journal of Life Sciences</i> , 2017 , 9, 104-110	0	
1	A regulatory review for products containing glutathione. <i>Archives of Pharmacy Practice</i> , 2016 , 7, 57	0	