## Hemayet Hossain

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Hydroxycinnamic acid derivatives: a potential class of natural compounds for the management of lipid metabolism and obesity. Nutrition and Metabolism, 2016, 13, 27.	3.0	215
2	An integrated hardware-software approach to flexible transactional memory. , 2007, , .		69
3	Supplementation of Syzygium cumini seed powder prevented obesity, glucose intolerance, hyperlipidemia and oxidative stress in high carbohydrate high fat diet induced obese rats. BMC Complementary and Alternative Medicine, 2017, 17, 289.	3.7	69
4	Cardamom powder supplementation prevents obesity, improves glucose intolerance, inflammation and oxidative stress in liver of high carbohydrate high fat diet induced obese rats. Lipids in Health and Disease, 2017, 16, 151.	3.0	67
5	HPLC-Analysis of Polyphenolic Compounds in Gardenia jasminoides and Determination of Antioxidant Activity by Using Free Radical Scavenging Assays. Advanced Pharmaceutical Bulletin, 2014, 4, 273-81.	1.4	48
6	Supplementation of fresh ucche (Momordica charantia L. var. muricata Willd) prevented oxidative stress, fibrosis and hepatic damage in CCl4 treated rats. BMC Complementary and Alternative Medicine, 2015, 15, 115.	3.7	43
7	Antinociceptive and sedative effects of the bark of Cerbera odollam Gaertn Oriental Pharmacy and Experimental Medicine, 2006, 6, 344-348.	1.2	35
8	Supplementation of <i>Citrus maxima</i> Peel Powder Prevented Oxidative Stress, Fibrosis, and Hepatic Damage in Carbon Tetrachloride (CCl <sub>4</sub> ) Treated Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	1.2	33
9	POPS: Coherence Protocol Optimization for Both Private and Shared Data. , 2011, , .		32
10	Central-stimulating and analgesic activity of the ethanolic extract of Alternanthera sessilis in mice. BMC Complementary and Alternative Medicine, 2014, 14, 398.	3.7	28
11	Comparative study of neuropharmacological, analgesic properties and phenolic profile of Ajwah, Safawy and Sukkari cultivars of date palm (Phoenix dactylifera). Oriental Pharmacy and Experimental Medicine, 2016, 16, 175-183.	1.2	26
12	Phenolic Content Analysis of Aloe vera Gel and Evaluation of the Effect of Aloe Gel Supplementation on Oxidative Stress and Fibrosis in Isoprenaline-Administered Cardiac Damage in Rats. Preventive Nutrition and Food Science, 2019, 24, 254-264.	1.6	26
13	Antioxidant activity of Moringa oleifera seed extracts. Oriental Pharmacy and Experimental Medicine, 2018, 18, 299-307.	1.2	25
14	HPLC profiling, antioxidant and in vivo anti-inflammatory activity of the ethanol extract of Syzygium jambos available in Bangladesh. BMC Research Notes, 2016, 9, 191.	1.4	23
15	Nutrient Compositions, Antioxidant Activity, and Common Phenolics of <i>Sonneratia apetala</i> (BuchHam.) Fruit. International Journal of Food Properties, 2016, 19, 1080-1092.	3.0	23
16	Improving support for locality and fine-grain sharing in chip multiprocessors. , 2008, , .		22
17	Antinociceptive and antioxidant potential of the crude ethanol extract of the leaves of <i>Ageratum conyzoides</i> grown in Bangladesh. Pharmaceutical Biology, 2013, 51, 893-898.	2.9	18
18	Physicochemical and Antioxidant Properties of Honeys from the Sundarbans Mangrove Forest of Bangladesh. Preventive Nutrition and Food Science, 2017, 22, 335-344.	1.6	18

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19	Polyphenolic compounds of litchi leaf augment kidney and heart functions in 2K1C rats. Journal of Functional Foods, 2020, 64, 103662.	3.4	18
20	Antioxidant, Antinociceptive and CNS Activities of Viscum orientale and High Sensitive Quantification of Bioactive Polyphenols by UPLC. Frontiers in Pharmacology, 2016, 7, 176.	3.5	17
21	Polyphenolic compounds of amla prevent oxidative stress and fibrosis in the kidney and heart of 2K1C rats. Food Science and Nutrition, 2020, 8, 3578-3589.	3.4	17
22	Antinociceptive and Antioxidant Activity of <i>Zanthoxylum budrunga</i> Wall (Rutaceae) Seeds. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	16
23	Polyphenol-rich leaf of Aphanamixis polystachya averts liver inflammation, fibrogenesis and oxidative stress in ovariectomized Long-Evans rats. Biomedicine and Pharmacotherapy, 2021, 138, 111530.	5.6	16
24	Phytochemical profiling of Blumea laciniata (Roxb.) DC. and its phytopharmaceutical potential against diabetic, obesity, and Alzheimer's. Biomedicine and Pharmacotherapy, 2021, 141, 111859.	5.6	16
25	Anti-inflammatory and antioxidant activities of ethanolic extract of aerial parts of Vernonia patula (Dryand.) Merr Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 798-805.	1.2	15
26	Alert-on-update. , 2007, , .		14
27	Anti-Inflammatory and Antioxidant Activity of Acalypha hispida Leaf and Analysis of its Major Bioactive Polyphenols by HPLC. Advanced Pharmaceutical Bulletin, 2016, 6, 275-283.	1.4	14
28	Supplementation of cumin seed powder prevents oxidative stress, hyperlipidemia and non-alcoholic fatty liver in high fat diet fed rats. Biomedicine and Pharmacotherapy, 2021, 141, 111908.	5.6	14
29	Metabolite profiling, anti-inflammatory, analgesic potentials of edible herb Colocasia gigantea and molecular docking study against COX-II enzyme. Journal of Ethnopharmacology, 2021, 281, 114577.	4.1	14
30	Antidiabetic and hepatoprotective potential of whole plant extract and isolated compounds of Aeginetia indica. Biomedicine and Pharmacotherapy, 2020, 132, 110942.	5.6	13
31	A mechanistic approach to HPLC analysis, antinociceptive, anti-inflammatory and postoperative analgesic activities of panch phoron in mice. BMC Complementary Medicine and Therapies, 2020, 20, 102.	2.7	12
32	Ellagic acid rich Momordica charantia fruit pulp supplementation prevented oxidative stress, fibrosis and inflammation in liver of alloxan induced diabetic rats. Oriental Pharmacy and Experimental Medicine, 2016, 16, 267-278.	1.2	11
33	<i>Ficus hispida</i> Bark Extract Prevents Nociception, Inflammation, and CNS Stimulation in Experimental Animal Model. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-14.	1.2	11
34	Phenolic content analysis in <i>Psidium guajava</i> leaves powder by HPLCâ€DAD system and in vivo renoprotective and antioxidant activities in fludrocortisone acetateâ€induced rats. Journal of Food Biochemistry, 2018, 42, e12687.	2.9	11
35	Anti-inflammatory and antioxidant activities of ethanolic leaf extract of Brownlowia tersa (L,) Kosterm. Oriental Pharmacy and Experimental Medicine, 2013, 13, 181-189.	1.2	10

36 DDCache: Decoupled and Delegable Cache Data and Metadata. , 2009, , .

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37	Anti-inflammatory and antioxidant activities of the ethanolic extract of Ceriops decandra (Griff.) Ding Hou bark. Oriental Pharmacy and Experimental Medicine, 2011, 11, 215-220.	1.2	9
38	Phytochemical screening and study of antioxidant and analgesic potentials of ethanolic extract of Stephania japonica Linn Journal of Medicinal Plants Research, 2014, 8, 1127-1133.	0.4	9
39	Antioxidant and antidiarrheal activities of ethanol extract ofArdisia ellipticafruits. Pharmaceutical Biology, 2014, 52, 213-220.	2.9	9
40	Zingiber roseum Rosc. rhizome: A rich source of hepatoprotective polyphenols. Biomedicine and Pharmacotherapy, 2021, 139, 111673.	5.6	9
41	Evaluation of Antinociceptive and Antioxidant Activities of Whole Plant Extract of Bacopa monniera. Research Journal of Medicinal Plant, 2012, 6, 607-614.	0.3	9
42	In vitro Anti-oxidant Activity and HPLC-DAD System Based Phenolic Content Analysis of Codiaeum variegatum Found in Bangladesh. Advanced Pharmaceutical Bulletin, 2014, 4, 533-41.	1.4	9
43	Caffeic acid rich Citrus macroptera peel powder supplementation prevented oxidative stress, fibrosis and hepatic damage in CCl4 treated rats. Clinical Phytoscience, 2018, 4, .	1.6	8
44	Trichosanthes dioica Roxb. prevents hepatic inflammation and fibrosis in CCl4-induced ovariectomized rats. Clinical Nutrition Experimental, 2020, 33, 1-17.	2.0	8
45	Polyphenolics in ramontchi protect cardiac tissues via suppressing isoprenaline-induced oxidative stress and inflammatory responses in Long-Evans rats. Journal of Functional Foods, 2020, 75, 104250.	3.4	8
46	Bioactive compounds, antioxidant properties and phenolic profile of pulp and seed of Syzygium cumini. Journal of Food Measurement and Characterization, 2021, 15, 1991-1999.	3.2	8
47	Supplementation of Rosemary Leaves (Rosmarinus officinalis) Powder Attenuates Oxidative Stress, Inflammation and Fibrosis in Carbon Tetrachloride (CCl4) Treated Rats. Current Nutrition and Food Science, 2016, 12, 288-295.	0.6	8
48	Phytochemical Screening and Anti-nociceptive Properties of the Ethanolic Leaf Extract of Trema Cannabina Lour. Advanced Pharmaceutical Bulletin, 2013, 3, 103-8.	1.4	8
49	Bioactive Polyphenols from the Methanol Extract of <i>Cnicus arvensis</i> (L.) Roth Demonstrated Antinociceptive and Central Nervous System Depressant Activities in Mice. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-7.	1.2	7
50	<i>Mango</i> peel powder supplementation prevents oxidative stress, inflammation, and fibrosis in carbon tetrachloride induced hepatic dysfunction in rats. Journal of Food Biochemistry, 2017, 41, e12344.	2.9	7
51	Chemical characterization and bioactivity of Trichosanthes dioica edible shoot extract. Oriental Pharmacy and Experimental Medicine, 2018, 18, 167-175.	1.2	7
52	Rutin hydrate and extract from Castanopsis tribuloides reduces pyrexia via inhibiting microsomal prostaglandin E synthase-1. Biomedicine and Pharmacotherapy, 2022, 148, 112774.	5.6	7
53	Bioactive compound and bioactivity fidelitous micropropagation method of Blumea lacera (Burm. f.) DC.: A large scale production potential. Industrial Crops and Products, 2020, 151, 112370.	5.2	6
54	Evaluation of Analgesic, Antidiarrhoeal and Cytotoxic Activities of Ethanolic Extract of Bacopa monnieri (L). British Journal of Pharmaceutical Research, 2012, 2, 188-196.	0.4	5

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55	An integrated hardware-software approach to flexible transactional memory. Computer Architecture News, 2007, 35, 104-115.	2.5	4
56	Antinociceptive and neuropharmacological activities of ethanolic extract of the fruits of Ficus hispida Linn African Journal of Pharmacy and Pharmacology, 2012, 6, 2837-2844.	0.3	4
57	Total antioxidant capacity and profiling of polyphenolic compounds in jute leaves by HPLC-DAD. Food Research, 2021, 5, 343-348.	0.8	4
58	Leaf powder supplementation of Senna alexandrina ameliorates oxidative stress, inflammation, and hepatic steatosis in high-fat diet-fed obese rats. PLoS ONE, 2021, 16, e0250261.	2.5	4
59	Ethanolic extract of Coccinia grandis prevented glucose intolerance, hyperlipidemia and oxidative stress in high fat diet fed rats. Phytomedicine Plus, 2021, 1, 100046.	2.0	4
60	HPLC Profiling and Antioxidant Properties of the Ethanol Extract of Hibiscus tiliaceus Leaf Available in Bangladesh. European Journal of Medicinal Plants, 2015, 7, 7-15.	0.5	4
61	Comprehensive Analysis of the Composition of Seed Cake and its Fatty Oil from <i>Swietenia mahagoni</i> Jacq. Growing in Bangladesh. Dhaka University Journal of Pharmaceutical Sciences, 2012, 10, 48-52.	0.2	3
62	HPLC-DAD System-Based Phenolic Content Analysis and In Vitro Antioxidant Activities of Rice Bran Obtained from Aush Dhan (O ryza Sativa ) of Bangladesh. Journal of Food Biochemistry, 2015, 39, 462-470.	2.9	3
63	Bioactivity studies on Zanthoxylum budrunga wall (Rutaceae) root bark. Clinical Phytoscience, 2018, 4, .	1.6	3
64	Bioactivities of Colocasia affinis Schott and Profiling of its Bioactive Polyphenols by HPLC-DAD. Bangladesh Pharmaceutical Journal, 2021, 24, 1-10.	0.3	3
65	Antioxidant Properties and HPLC Assay of Bioactive Polyphenols of the Ethanol Extract of Excoecaria agallocha Stem Bark Growing in Bangladesh. British Journal of Pharmaceutical Research, 2014, 4, 2116-2125.	0.4	3
66	Chemical and Antioxidant Properties of Broccoli Growing in Bangladesh. Dhaka University Journal of Pharmaceutical Sciences, 2011, 9, 31-37.	0.2	2
67	Evaluation of anti-inflammatory and antioxidant potential of the kernel root of Xylocarpus mekongensis (Lamk.) M. Roem. Oriental Pharmacy and Experimental Medicine, 2012, 12, 181-188.	1.2	2
68	Alternanthera bicolor Produces Hypoglycemic Effect in Alloxan-Induced Diabetic Mice through its Antioxidant Activity. Dhaka University Journal of Pharmaceutical Sciences, 2019, 18, 49-60.	0.2	2
69	Formulation and Evaluation of Herbal Ultrasound Gel for Ultrasonography. Journal of Diseases and Medicinal Plants, 2020, 6, 11.	0.2	2
70	Anti-Inflammatory, Analgesic and Antioxidant Activities of <i>Allophylus Cobbe</i> Leaves. American Journal of Pharmacology and Toxicology, 2014, 9, 223-231.	0.7	1
71	Optimization and Application of Chitosan as Natural Product from Locally Available Shrimp Shell in Bangladesh. Current Journal of Applied Science and Technology, 0, , 67-74.	0.3	1
72	Phytochemicals, Antioxidant, and Chemopreventive Potential of <i>Tamarix Indica</i> Leaf Extracts. Journal of Herbs, Spices and Medicinal Plants, 2022, 28, 143-159.	1.1	1

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73	Antinociceptive and Anti-Inflammatory Activities ofMycetia longifolia(Wall.) O. Kuntze. Journal of Herbs, Spices and Medicinal Plants, 2015, 21, 321-331.	1.1	Ο
74	Beetroot powder supplementation prevents oxidative stress and inflammatory cells infiltration in isoprenaline-induced myocardial damage in rats. Mediterranean Journal of Nutrition and Metabolism, 2019, 12, 197-209.	0.5	0
75	Antioxidant Activity and HPLC Fingerprinting Profile of Ethanolic Extract of Euphorbia cotinifolia Bark from Bangladesh. Journal of Advances in Medicine and Medical Research, 2018, 27, 1-8.	0.1	0
76	High-performance liquid chromatographic analysis explores the potential antioxidative agents of Argyreia argentea ARN. EX CHOISY extract. Journal of Pharmacy and Bioallied Sciences, 2019, 11, 16.	0.6	0