

Hemayet Hossain

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

785
citations

14
h-index

25
g-index

76
ext. papers

962
ext. citations

2.8
avg, IF

3.91
L-index

#	Paper	IF	Citations
70	Rutin hydrate and extract from <i>Castanopsis tribuloides</i> reduces pyrexia via inhibiting microsomal prostaglandin E synthase-1.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112774	7.5	1
69	Phytochemicals, Antioxidant, and Chemopreventive Potential of <i>Tamarix Indica</i> Leaf Extracts. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2022 , 28, 143-159	0.9	0
68	Leaf powder supplementation of <i>Senna alexandrina</i> ameliorates oxidative stress, inflammation, and hepatic steatosis in high-fat diet-fed obese rats. <i>PLoS ONE</i> , 2021 , 16, e0250261	3.7	1
67	Polyphenol-rich leaf of <i>Aphanamixis polystachya</i> averts liver inflammation, fibrogenesis and oxidative stress in ovariectomized Long-Evans rats. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111530	7.5	4
66	Bioactive compounds, antioxidant properties and phenolic profile of pulp and seed of <i>Syzygium cumini</i> . <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 1991-1999	2.8	4
65	<i>Zingiber roseum</i> Rosc. rhizome: A rich source of hepatoprotective polyphenols. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111673	7.5	1
64	Supplementation of cumin seed powder prevents oxidative stress, hyperlipidemia and non-alcoholic fatty liver in high fat diet fed rats. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111908	7.5	5
63	Phytochemical profiling of <i>Blumea laciniata</i> (Roxb.) DC. and its phytopharmaceutical potential against diabetic, obesity, and Alzheimer's. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111859	7.5	3
62	Ethanol extract of <i>Coccinia grandis</i> prevented glucose intolerance, hyperlipidemia and oxidative stress in high fat diet fed rats. <i>Phytomedicine Plus</i> , 2021 , 1, 100046		1
61	Metabolite profiling, anti-inflammatory, analgesic potentials of edible herb <i>Colocasia gigantea</i> and molecular docking study against COX-II enzyme. <i>Journal of Ethnopharmacology</i> , 2021 , 281, 114577	5	3
60	Polyphenolics in ramontchi protect cardiac tissues via suppressing isoprenaline-induced oxidative stress and inflammatory responses in Long-Evans rats. <i>Journal of Functional Foods</i> , 2020 , 75, 104250	5.1	4
59	Bioactive compound and bioactivity fidelitous micropropagation method of <i>Blumea lacera</i> (Burm. f.) DC.: A large scale production potential. <i>Industrial Crops and Products</i> , 2020 , 151, 112370	5.9	3
58	Polyphenolic compounds of litchi leaf augment kidney and heart functions in 2K1C rats. <i>Journal of Functional Foods</i> , 2020 , 64, 103662	5.1	9
57	Polyphenolic compounds of amla prevent oxidative stress and fibrosis in the kidney and heart of 2K1C rats. <i>Food Science and Nutrition</i> , 2020 , 8, 3578-3589	3.2	8
56	<i>Trichosanthes dioica</i> Roxb. prevents hepatic inflammation and fibrosis in CCl4-induced ovariectomized rats. <i>Clinical Nutrition Experimental</i> , 2020 , 33, 1-17	2	5
55	Antidiabetic and hepatoprotective potential of whole plant extract and isolated compounds of <i>Aeginetia indica</i> . <i>Biomedicine and Pharmacotherapy</i> , 2020 , 132, 110942	7.5	3
54	A mechanistic approach to HPLC analysis, antinociceptive, anti-inflammatory and postoperative analgesic activities of panch phoron in mice. <i>BMC Complementary Medicine and Therapies</i> , 2020 , 20, 102	2.9	5

53	Beetroot powder supplementation prevents oxidative stress and inflammatory cells infiltration in isoprenaline-induced myocardial damage in rats. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2019 , 12, 197-209	1.3	
52	Alternanthera bicolor Produces Hypoglycemic Effect in Alloxan-Induced Diabetic Mice through its Antioxidant Activity. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2019 , 18, 49-60	0.6	1
51	Phenolic Content Analysis of Gel and Evaluation of the Effect of Aloe Gel Supplementation on Oxidative Stress and Fibrosis in Isoprenaline-Administered Cardiac Damage in Rats. <i>Preventive Nutrition and Food Science</i> , 2019 , 24, 254-264	2.4	14
50	High-performance liquid chromatographic analysis explores the potential antioxidative agents of ARN. EX CHOISY extract. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2019 , 11, 16-22	1.1	
49	Caffeic acid rich Citrus macroptera peel powder supplementation prevented oxidative stress, fibrosis and hepatic damage in CCl4 treated rats. <i>Clinical Phytoscience</i> , 2018 , 4,	2.4	6
48	Chemical characterization and bioactivity of Trichosanthes dioica edible shoot extract. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018 , 18, 167-175	2	5
47	Phenolic content analysis in Psidium guajava leaves powder by HPLC-DAD system and in vivo renoprotective and antioxidant activities in fludrocortisone acetate-induced rats. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12687	3.3	5
46	Bioactivity studies on Zanthoxylum budrunga wall (Rutaceae) root bark. <i>Clinical Phytoscience</i> , 2018 , 4,	2.4	1
45	Antioxidant activity of Moringa oleifera seed extracts. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018 , 18, 299-307	2	12
44	Bark Extract Prevents Nociception, Inflammation, and CNS Stimulation in Experimental Animal Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 7390359	2.3	9
43	Cardamom powder supplementation prevents obesity, improves glucose intolerance, inflammation and oxidative stress in liver of high carbohydrate high fat diet induced obese rats. <i>Lipids in Health and Disease</i> , 2017 , 16, 151	4.4	40
42	Physicochemical and Antioxidant Properties of Honeys from the Sundarbans Mangrove Forest of Bangladesh. <i>Preventive Nutrition and Food Science</i> , 2017 , 22, 335-344	2.4	13
41	Supplementation of Syzygium cumini seed powder prevented obesity, glucose intolerance, hyperlipidemia and oxidative stress in high carbohydrate high fat diet induced obese rats. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 289	4.7	43
40	Mango peel powder supplementation prevents oxidative stress, inflammation, and fibrosis in carbon tetrachloride induced hepatic dysfunction in rats. <i>Journal of Food Biochemistry</i> , 2017 , 41, e12344 ^{3.3}		5
39	Nutrient Compositions, Antioxidant Activity, and Common Phenolics of Sonneratia apetala (Buch.-Ham.) Fruit. <i>International Journal of Food Properties</i> , 2016 , 19, 1080-1092	3	16
38	Comparative study of neuropharmacological, analgesic properties and phenolic profile of Ajwah, Safawy and Sukkari cultivars of date palm (). <i>Oriental Pharmacy and Experimental Medicine</i> , 2016 , 16, 175-183	2	20
37	Supplementation of Rosemary Leaves (Rosmarinus officinalis) Powder Attenuates Oxidative Stress, Inflammation and Fibrosis in Carbon Tetrachloride (CCl4) Treated Rats. <i>Current Nutrition and Food Science</i> , 2016 , 12, 288-295	0.7	7
36	Anti-Inflammatory and Antioxidant Activity of Acalypha hispida Leaf and Analysis of its Major Bioactive Polyphenols by HPLC. <i>Advanced Pharmaceutical Bulletin</i> , 2016 , 6, 275-83	4.5	7

35	Antioxidant, Antinociceptive and CNS Activities of <i>Viscum orientale</i> and High Sensitive Quantification of Bioactive Polyphenols by UPLC. <i>Frontiers in Pharmacology</i> , 2016 , 7, 176	5.6	12
34	HPLC profiling, antioxidant and in vivo anti-inflammatory activity of the ethanol extract of <i>Syzygium jambos</i> available in Bangladesh. <i>BMC Research Notes</i> , 2016 , 9, 191	2.3	18
33	Hydroxycinnamic acid derivatives: a potential class of natural compounds for the management of lipid metabolism and obesity. <i>Nutrition and Metabolism</i> , 2016 , 13, 27	4.6	135
32	Ellagic acid rich <i>Momordica charantia</i> fruit pulp supplementation prevented oxidative stress, fibrosis and inflammation in liver of alloxan induced diabetic rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016 , 16, 267-278	2	9
31	Antinociceptive and Anti-Inflammatory Activities of <i>Mycetia longifolia</i> (Wall.) O. Kuntze. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2015 , 21, 321-331	0.9	
30	HPLC-DAD System-Based Phenolic Content Analysis and In Vitro Antioxidant Activities of Rice Bran Obtained from Aush Dhan (<i>Oryza Sativa</i>) of Bangladesh. <i>Journal of Food Biochemistry</i> , 2015 , 39, 462-470 ^{3.3}		3
29	Supplementation of <i>Citrus maxima</i> Peel Powder Prevented Oxidative Stress, Fibrosis, and Hepatic Damage in Carbon Tetrachloride (CCl ₄) Treated Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 598179	2.3	21
28	Bioactive Polyphenols from the Methanol Extract of <i>Cnicus arvensis</i> (L.) Roth Demonstrated Antinociceptive and Central Nervous System Depressant Activities in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 794729	2.3	4
27	Supplementation of fresh ucche (<i>Momordica charantia</i> L. var. <i>muricata</i> Willd) prevented oxidative stress, fibrosis and hepatic damage in CCl ₄ treated rats. <i>BMC Complementary and Alternative Medicine</i> , 2015 , 15, 115	4.7	34
26	HPLC Profiling and Antioxidant Properties of the Ethanol Extract of <i>Hibiscus tiliaceus</i> Leaf Available in Bangladesh. <i>European Journal of Medicinal Plants</i> , 2015 , 7, 7-15	2	3
25	Antioxidant and antidiarrheal activities of ethanol extract of <i>Ardisia elliptica</i> fruits. <i>Pharmaceutical Biology</i> , 2014 , 52, 213-20	3.8	7
24	Phytochemical screening and study of antioxidant and analgesic potentials of ethanolic extract of <i>Stephania japonica</i> Linn.. <i>Journal of Medicinal Plants Research</i> , 2014 , 8, 1127-1133	0.6	4
23	Antinociceptive and antioxidant activity of <i>Zanthoxylum budrunga</i> wall (Rutaceae) seeds. <i>Scientific World Journal, The</i> , 2014 , 2014, 869537	2.2	12
22	Anti-Inflammatory, Analgesic and Antioxidant Activities of <i>Allophylus Cobbe</i> Leaves. <i>American Journal of Pharmacology and Toxicology</i> , 2014 , 9, 223-231	0.6	1
21	Central-stimulating and analgesic activity of the ethanolic extract of <i>Alternanthera sessilis</i> in mice. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 398	4.7	18
20	In vitro Anti-oxidant Activity and HPLC-DAD System Based Phenolic Content Analysis of <i>Codiaeum variegatum</i> Found in Bangladesh. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 533-41	4.5	4
19	HPLC-Analysis of Polyphenolic Compounds in <i>Gardenia jasminoides</i> and Determination of Antioxidant Activity by Using Free Radical Scavenging Assays. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 273-81	4.5	32
18	Antioxidant Properties and HPLC Assay of Bioactive Polyphenols of the Ethanol Extract of <i>Excoecaria agallocha</i> Stem Bark Growing in Bangladesh. <i>British Journal of Pharmaceutical Research</i> , 2014 , 4, 2116-2125		2

17	Anti-inflammatory and antioxidant activities of ethanolic leaf extract of <i>Brownlowia tersa</i> (L.) Kosterm. <i>Oriental Pharmacy and Experimental Medicine</i> , 2013 , 13, 181-189	2	6
16	Antinociceptive and antioxidant potential of the crude ethanol extract of the leaves of <i>Ageratum conyzoides</i> grown in Bangladesh. <i>Pharmaceutical Biology</i> , 2013 , 51, 893-8	3.8	14
15	Anti-inflammatory and antioxidant activities of ethanolic extract of aerial parts of <i>Vernonia patula</i> (Dryand.) Merr. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013 , 3, 798-805	1.4	14
14	Phytochemical Screening and Anti-nociceptive Properties of the Ethanolic Leaf Extract of <i>Trema Cannabina</i> Lour. <i>Advanced Pharmaceutical Bulletin</i> , 2013 , 3, 103-8	4.5	3
13	Evaluation of anti-inflammatory and antioxidant potential of the kernel root of <i>Xylocarpus mekongensis</i> (Lamk.) M. Roem. <i>Oriental Pharmacy and Experimental Medicine</i> , 2012 , 12, 181-188	2	
12	Comprehensive Analysis of the Composition of Seed Cake and its Fatty Oil from <i>Swietenia mahagoni</i> Jacq. Growing in Bangladesh. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2012 , 10, 48-52	0.6	1
11	Antinociceptive and neuropharmacological activities of ethanolic extract of the fruits of <i>Ficus hispida</i> Linn.. <i>African Journal of Pharmacy and Pharmacology</i> , 2012 , 6, 2837-2844	0.5	3
10	Evaluation of Antinociceptive and Antioxidant Activities of Whole Plant Extract of <i>Bacopa monniera</i> . <i>Research Journal of Medicinal Plant</i> , 2012 , 6, 607-614	0.3	7
9	Chemical and Antioxidant Properties of Broccoli Growing in Bangladesh. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2011 , 9, 31-37	0.6	1
8	Anti-inflammatory and antioxidant activities of the ethanolic extract of <i>Ceriops decandra</i> (Griff.) Ding Hou bark. <i>Oriental Pharmacy and Experimental Medicine</i> , 2011 , 11, 215-220	2	9
7	POPS: Coherence Protocol Optimization for Both Private and Shared Data 2011 ,		24
6	DDCache: Decoupled and Delegable Cache Data and Metadata 2009 ,		7
5	Improving support for locality and fine-grain sharing in chip multiprocessors 2008 ,		14
4	Alert-on-update 2007 ,		11
3	An integrated hardware-software approach to flexible transactional memory 2007 ,		59
2	An integrated hardware-software approach to flexible transactional memory. <i>Computer Architecture News</i> , 2007 , 35, 104-115		4
1	Antinociceptive and sedative effects of the bark of <i>Cerbera odollam</i> Gaertn.. <i>Oriental Pharmacy and Experimental Medicine</i> , 2006 , 6, 344-348	2	21