

Hemayet Hossain

List of Publications by Year in descending order

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76
papers

1,259
citations

516215

16
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454577

30
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76
all docs

76
docs citations

76
times ranked

1705
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 1.3 | 215 |
| 2 | An integrated hardware-software approach to flexible transactional memory. , 2007, , . | | 69 |
| 3 | Supplementation of <i>Syzygium cumini</i> 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. | 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. <i>Lipids in Health and Disease</i> , 2017, 16, 151. | 1.2 | 67 |
| 5 | 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. | 0.6 | 48 |
| 6 | 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. | 3.7 | 43 |
| 7 | Antinociceptive and sedative effects of the bark of <i>Cerbera odollam</i> Gaertn.. <i>Oriental Pharmacy and Experimental Medicine</i> , 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 ₄) Treated Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10. | 0.5 | 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 <i>Alternanthera sessilis</i> in mice. <i>BMC Complementary and Alternative Medicine</i> , 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 (<i>Phoenix dactylifera</i>). <i>Oriental Pharmacy and Experimental Medicine</i> , 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. <i>Preventive Nutrition and Food Science</i> , 2019, 24, 254-264. | 0.7 | 26 |
| 13 | Antioxidant activity of <i>Moringa oleifera</i> seed extracts. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018, 18, 299-307. | 1.2 | 25 |
| 14 | 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. | 0.6 | 23 |
| 15 | Nutrient Compositions, Antioxidant Activity, and Common Phenolics of <i>Sonneratia apetala</i> (Buch.-Ham.) Fruit. <i>International Journal of Food Properties</i> , 2016, 19, 1080-1092. | 1.3 | 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. <i>Pharmaceutical Biology</i> , 2013, 51, 893-898. | 1.3 | 18 |
| 18 | Physicochemical and Antioxidant Properties of Honeys from the Sundarbans Mangrove Forest of Bangladesh. <i>Preventive Nutrition and Food Science</i> , 2017, 22, 335-344. | 0.7 | 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. | 1.6 | 18 |
| 20 | Antioxidant, Antinociceptive and CNS Activities of <i>Viscum orientale</i> and High Sensitive Quantification of Bioactive Polyphenols by UPLC. Frontiers in Pharmacology, 2016, 7, 176. | 1.6 | 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. | 1.5 | 17 |
| 22 | Antinociceptive and Antioxidant Activity of <i>Zanthoxylum budrunga</i> Wall (Rutaceae) Seeds. Scientific World Journal, The, 2014, 2014, 1-7. | 0.8 | 16 |
| 23 | Polyphenol-rich leaf of <i>Aphanamixis polystachya</i> averts liver inflammation, fibrogenesis and oxidative stress in ovariectomized Long-Evans rats. Biomedicine and Pharmacotherapy, 2021, 138, 111530. | 2.5 | 16 |
| 24 | Phytochemical profiling of <i>Blumea laciniata</i> (Roxb.) DC. and its phytopharmaceutical potential against diabetic, obesity, and Alzheimer's. Biomedicine and Pharmacotherapy, 2021, 141, 111859. | 2.5 | 16 |
| 25 | Anti-inflammatory and antioxidant activities of ethanolic extract of aerial parts of <i>Vernonia patula</i> (Dryand.) Merr.. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 798-805. | 0.5 | 15 |
| 26 | Alert-on-update. , 2007, , . | | 14 |
| 27 | Anti-Inflammatory and Antioxidant Activity of <i>Acalypha hispida</i> Leaf and Analysis of its Major Bioactive Polyphenols by HPLC. Advanced Pharmaceutical Bulletin, 2016, 6, 275-283. | 0.6 | 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. | 2.5 | 14 |
| 29 | Metabolite profiling, anti-inflammatory, analgesic potentials of edible herb <i>Colocasia gigantea</i> and molecular docking study against COX-II enzyme. Journal of Ethnopharmacology, 2021, 281, 114577. | 2.0 | 14 |
| 30 | Antidiabetic and hepatoprotective potential of whole plant extract and isolated compounds of <i>Aeginetia indica</i> . Biomedicine and Pharmacotherapy, 2020, 132, 110942. | 2.5 | 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. | 1.2 | 12 |
| 32 | Ellagic acid rich <i>Momordica charantia</i> 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. | 0.5 | 11 |
| 34 | Phenolic content analysis in <i>Psidium guajava</i> leaves powder by HPLC-DAD system and in vivo renoprotective and antioxidant activities in fludrocortisone acetate-induced rats. Journal of Food Biochemistry, 2018, 42, e12687. | 1.2 | 11 |
| 35 | Anti-inflammatory and antioxidant activities of ethanolic leaf extract of <i>Brownlowia tersa</i> (L.) Kosterm. Oriental Pharmacy and Experimental Medicine, 2013, 13, 181-189. | 1.2 | 10 |
| 36 | DDCache: Decoupled and Delegable Cache Data and Metadata. , 2009, , . | | 9 |

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|----|---|-----|-----------|
| 37 | Anti-inflammatory and antioxidant activities of the ethanolic extract of <i>Cerriops decandra</i> (Griff.) Ding Hou bark. <i>Oriental Pharmacy and Experimental Medicine</i> , 2011, 11, 215-220. | 1.2 | 9 |
| 38 | 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. | 0.2 | 9 |
| 39 | Antioxidant and antidiarrheal activities of ethanol extract of <i>Ardisia elliptica</i> fruits. <i>Pharmaceutical Biology</i> , 2014, 52, 213-220. | 1.3 | 9 |
| 40 | <i>Zingiber roseum</i> Rosc. rhizome: A rich source of hepatoprotective polyphenols. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111673. | 2.5 | 9 |
| 41 | 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 | 9 |
| 42 | 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. | 0.6 | 9 |
| 43 | Caffeic acid rich <i>Citrus macroptera</i> peel powder supplementation prevented oxidative stress, fibrosis and hepatic damage in CCl ₄ treated rats. <i>Clinical Phytoscience</i> , 2018, 4, . | 0.8 | 8 |
| 44 | <i>Trichosanthes dioica</i> Roxb. prevents hepatic inflammation and fibrosis in CCl ₄ -induced ovariectomized rats. <i>Clinical Nutrition Experimental</i> , 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. <i>Journal of Functional Foods</i> , 2020, 75, 104250. | 1.6 | 8 |
| 46 | 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. | 1.6 | 8 |
| 47 | Supplementation of Rosemary Leaves (<i>Rosmarinus officinalis</i>) Powder Attenuates Oxidative Stress, Inflammation and Fibrosis in Carbon Tetrachloride (CCl ₄) Treated Rats. <i>Current Nutrition and Food Science</i> , 2016, 12, 288-295. | 0.3 | 8 |
| 48 | 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. | 0.6 | 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. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-7. | 0.5 | 7 |
| 50 | <i>Mango</i> 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. | 1.2 | 7 |
| 51 | Chemical characterization and bioactivity of <i>Trichosanthes dioica</i> edible shoot extract. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018, 18, 167-175. | 1.2 | 7 |
| 52 | 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. | 2.5 | 7 |
| 53 | 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. | 2.5 | 6 |
| 54 | Evaluation of Analgesic, Antidiarrhoeal and Cytotoxic Activities of Ethanolic Extract of <i>Bacopa monnieri</i> (L). <i>British Journal of Pharmaceutical Research</i> , 2012, 2, 188-196. | 0.4 | 5 |

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|----|---|-----|-----------|
| 55 | An integrated hardware-software approach to flexible transactional memory. <i>Computer Architecture News</i> , 2007, 35, 104-115. | 2.5 | 4 |
| 56 | 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. | 0.2 | 4 |
| 57 | Total antioxidant capacity and profiling of polyphenolic compounds in jute leaves by HPLC-DAD. <i>Food Research</i> , 2021, 5, 343-348. | 0.3 | 4 |
| 58 | 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. | 1.1 | 4 |
| 59 | Ethanolic 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. | 0.9 | 4 |
| 60 | 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. | 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. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2012, 10, 48-52. | 0.1 | 3 |
| 62 | 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. | 1.2 | 3 |
| 63 | Bioactivity studies on <i>Zanthoxylum budrunga</i> wall (Rutaceae) root bark. <i>Clinical Phytoscience</i> , 2018, 4, . | 0.8 | 3 |
| 64 | Bioactivities of <i>Colocasia affinis</i> Schott and Profiling of its Bioactive Polyphenols by HPLC-DAD. <i>Bangladesh Pharmaceutical Journal</i> , 2021, 24, 1-10. | 0.1 | 3 |
| 65 | 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. | 0.4 | 3 |
| 66 | Chemical and Antioxidant Properties of Broccoli Growing in Bangladesh. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2011, 9, 31-37. | 0.1 | 2 |
| 67 | 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. | 1.2 | 2 |
| 68 | <i>Alternanthera bicolor</i> Produces Hypoglycemic Effect in Alloxan-Induced Diabetic Mice through its Antioxidant Activity. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2019, 18, 49-60. | 0.1 | 2 |
| 69 | Formulation and Evaluation of Herbal Ultrasound Gel for Ultrasonography. <i>Journal of Diseases and Medicinal Plants</i> , 2020, 6, 11. | 0.2 | 2 |
| 70 | Anti-Inflammatory, Analgesic and Antioxidant Activities of <i>Allophylus Cobbe</i> Leaves. <i>American Journal of Pharmacology and Toxicology</i> , 2014, 9, 223-231. | 0.7 | 1 |
| 71 | Optimization and Application of Chitosan as Natural Product from Locally Available Shrimp Shell in Bangladesh. <i>Current Journal of Applied Science and Technology</i> , 0, , 67-74. | 0.3 | 1 |
| 72 | 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. | 0.5 | 1 |

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|----|--|-----|-----------|
| 73 | 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. | 0.5 | 0 |
| 74 | 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. | 0.2 | 0 |
| 75 | Antioxidant Activity and HPLC Fingerprinting Profile of Ethanolic Extract of <i>Euphorbia cotinifolia</i> Bark from Bangladesh. <i>Journal of Advances in Medicine and Medical Research</i> , 2018, 27, 1-8. | 0.1 | 0 |
| 76 | High-performance liquid chromatographic analysis explores the potential antioxidative agents of <i>Argyrea argentea</i> ARN. EX CHOISY extract. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2019, 11, 16. | 0.2 | 0 |