

Lutfun Nahar

List of Publications by Citations

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79
papers

1,974
citations

19
h-index

43
g-index

88
ext. papers

2,561
ext. citations

4.3
avg, IF

5.26
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 79 | Microtitre plate-based antibacterial assay incorporating resazurin as an indicator of cell growth, and its application in the in vitro antibacterial screening of phytochemicals. <i>Methods</i> , 2007 , 42, 321-4 | 4.6 | 868 |
| 78 | Bioactive compounds from marine macroalgae and their hypoglycemic benefits. <i>Trends in Food Science and Technology</i> , 2018 , 72, 1-12 | 15.3 | 115 |
| 77 | Microwave-assisted extraction in natural products isolation. <i>Methods in Molecular Biology</i> , 2012 , 864, 89-115 | 1.4 | 80 |
| 76 | Antiviral potential of garlic () and its organosulfur compounds: A systematic update of pre-clinical and clinical data. <i>Trends in Food Science and Technology</i> , 2020 , 104, 219-234 | 15.3 | 61 |
| 75 | Functional properties, structural studies and chemo-enzymatic synthesis of oligosaccharides. <i>Trends in Food Science and Technology</i> , 2017 , 66, 135-145 | 15.3 | 56 |
| 74 | An introduction to natural products isolation. <i>Methods in Molecular Biology</i> , 2012 , 864, 1-25 | 1.4 | 45 |
| 73 | Aromatic Medicinal Plants of the Lamiaceae Family from Uzbekistan: Ethnopharmacology, Essential Oils Composition, and Biological Activities. <i>Medicines (Basel, Switzerland)</i> , 2017 , 4, | 4.1 | 41 |
| 72 | A review on the recent advances in HPLC, UHPLC and UPLC analyses of naturally occurring cannabinoids (2010-2019). <i>Phytochemical Analysis</i> , 2020 , 31, 413-457 | 3.4 | 41 |
| 71 | Role of Natural Phenolics in Hepatoprotection: A Mechanistic Review and Analysis of Regulatory Network of Associated Genes. <i>Frontiers in Pharmacology</i> , 2019 , 10, 509 | 5.6 | 40 |
| 70 | Progress in the Chemistry of Naturally Occurring Coumarins. <i>Progress in the Chemistry of Organic Natural Products</i> , 2017 , 106, 241-304 | 1.9 | 38 |
| 69 | Therapeutic potential of phenylethanoid glycosides: A systematic review. <i>Medicinal Research Reviews</i> , 2020 , 40, 2605-2649 | 14.4 | 37 |
| 68 | Authentication and discrimination of green tea samples using UV-vis, FTIR and HPLC techniques coupled with chemometrics analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 164, 653-658 | 3.5 | 30 |
| 67 | Essential Oils from the Malaysian Citrus (Rutaceae) Medicinal Plants. <i>Medicines (Basel, Switzerland)</i> , 2016 , 3, | 4.1 | 29 |
| 66 | Prediction of Anti-Alzheimer's Activity of Flavonoids Targeting Acetylcholinesterase in silico. <i>Phytochemical Analysis</i> , 2017 , 28, 324-331 | 3.4 | 27 |
| 65 | Cytotoxicity of the Roots of Trillium govanianum Against Breast (MCF7), Liver (HepG2), Lung (A549) and Urinary Bladder (EJ138) Carcinoma Cells. <i>Phytotherapy Research</i> , 2016 , 30, 1716-1720 | 6.7 | 24 |
| 64 | Anti-MRSA activity of oxysporone and xylitol from the endophytic fungus Pestalotia sp. growing on the Sundarbans mangrove plant Heritiera fomes. <i>Phytotherapy Research</i> , 2018 , 32, 348-354 | 6.7 | 24 |
| 63 | Gas chromatographic analysis of naturally occurring cannabinoids: A review of literature published during the past decade. <i>Phytochemical Analysis</i> , 2020 , 31, 135-146 | 3.4 | 23 |

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| 62 | Apocynin prevented inflammation and oxidative stress in carbon tetra chloride induced hepatic dysfunction in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 92, 421-428 | 7.5 | 21 |
| 61 | Comparative Cytotoxicity of Glycyrrhiza glabra Roots from Different Geographical Origins Against Immortal Human Keratinocyte (HaCaT), Lung Adenocarcinoma (A549) and Liver Carcinoma (HepG2) Cells. <i>Phytotherapy Research</i> , 2015 , 29, 944-8 | 6.7 | 21 |
| 60 | Bee Pollen: Current Status and Therapeutic Potential. <i>Nutrients</i> , 2021 , 13, | 6.7 | 18 |
| 59 | A systematic review on antioxidant and antiinflammatory activity of Sesame (Sesamum indicum L.) oil and further confirmation of antiinflammatory activity by chemical profiling and molecular docking. <i>Phytotherapy Research</i> , 2019 , 33, 2585-2608 | 6.7 | 15 |
| 58 | Supercritical fluid extraction in natural products analyses. <i>Methods in Molecular Biology</i> , 2012 , 864, 43-74 | 6.4 | 14 |
| 57 | Resveratrol derivatives from Commiphora africana (A. Rich.) Endl. display cytotoxicity and selectivity against several human cancer cell lines. <i>Phytotherapy Research</i> , 2019 , 33, 159-166 | 6.7 | 14 |
| 56 | Advances in Chemistry and Bioactivity of the Genus Chisocheton Blume. <i>Chemistry and Biodiversity</i> , 2016 , 13, 483-503 | 2.5 | 13 |
| 55 | Isolation and Antimicrobial Activity of Rutin and Its Derivatives from Ruta chalepensis (Rutaceae) Growing in Iraq. <i>Records of Natural Products</i> , 2018 , 13, 64-70 | 1.9 | 13 |
| 54 | Acridone alkaloids from the stem bark of Citrus aurantium display selective cytotoxicity against breast, liver, lung and prostate human carcinoma cells. <i>Journal of Ethnopharmacology</i> , 2018 , 227, 131-138 | 5 | 13 |
| 53 | Modulation of Antimalarial Activity at a Putative Bisquinoline Receptor In Vivo Using Fluorinated Bisquinolines. <i>Chemistry - A European Journal</i> , 2017 , 23, 6811-6828 | 4.8 | 11 |
| 52 | Ent-Clerodane Diterpenes from the Bark of Croton oligandrus Pierre ex Hutch. and Assessment of Their Cytotoxicity against Human Cancer Cell Lines. <i>Molecules</i> , 2018 , 23, | 4.8 | 11 |
| 51 | An Introduction to Computational Phytochemistry 2018 , 1-41 | | 11 |
| 50 | Antimicrobial activity of kojic acid from endophytic fungus Colletotrichum gloeosporioides isolated from Sonneratia apetala, a mangrove plant of the Sundarbans. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018 , 11, 350 | 2.1 | 10 |
| 49 | Analgesic Activity, Chemical Profiling and Computational Study on. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1164 | 5.6 | 10 |
| 48 | Chalcones: Synthetic Chemistry Follows Where Nature Leads. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 10 |
| 47 | Scandanolone from Cudrania tricuspidata fruit extract suppresses the viability of breast cancer cells (MCF-7) in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2019 , 126, 56-66 | 4.7 | 9 |
| 46 | Cytotoxicity, In vitro anti-Leishmanial and fingerprint HPLC- photodiode array analysis of the roots of Trillium govanianum. <i>Natural Product Research</i> , 2018 , 32, 2193-2201 | 2.3 | 9 |
| 45 | GC-MS and q-NMR based chemotaxonomic evaluation of two Leonurus species. <i>Phytochemical Analysis</i> , 2016 , 27, 284-9 | 3.4 | 9 |

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| 44 | Application of Box-Behnken design for ultrasound-assisted extraction and recycling preparative HPLC for isolation of anthraquinones from <i>Cassia singueana</i> . <i>Phytochemical Analysis</i> , 2019 , 30, 101-109 | 3.4 | 9 |
| 43 | Cytotoxic Properties of the Stem Bark of <i>Citrus reticulata</i> Blanco (Rutaceae). <i>Phytotherapy Research</i> , 2017 , 31, 1215-1219 | 6.7 | 8 |
| 42 | Polymethoxyflavones from (Solanaceae) Exert Antinociceptive and Neuropharmacological Effects in Mice. <i>Frontiers in Pharmacology</i> , 2018 , 9, 85 | 5.6 | 8 |
| 41 | Bioassay-guided isolation and structure elucidation of cytotoxic stilbenes and flavonols from the leaves of <i>Macaranga barteri</i> . <i>Phytotherapy Research</i> , 2019 , 33, 151-157 | 3.2 | 8 |
| 40 | Nutritional value, micronutrient and antioxidant capacity of some green leafy vegetables commonly used by southern coastal people of Bangladesh. <i>Heliyon</i> , 2019 , 5, e02768 | 3.6 | 8 |
| 39 | Ferulone A and ferulone B: two new coumarin esters from <i>Ferula orientalis</i> L. roots. <i>Natural Product Research</i> , 2016 , 30, 2183-9 | 2.3 | 7 |
| 38 | Antimicrobial activity of endophytic fungi isolated from the mangrove plant <i>Sonneratia apetala</i> (Buch.-Ham) from the Sundarbans mangrove forest. <i>Advances in Traditional Medicine</i> , 2020 , 20, 419-425 | 1.4 | 7 |
| 37 | Naturally Occurring Calanolides: Occurrence, Biosynthesis, and Pharmacological Properties Including Therapeutic Potential. <i>Molecules</i> , 2020 , 25, | 4.8 | 6 |
| 36 | Utilization of the Ability to Induce Activation of the Nuclear Factor (Erythroid-derived 2)-like Factor 2 (Nrf2) to Assess Potential Cancer Chemopreventive Activity of Liquorice Samples. <i>Phytochemical Analysis</i> , 2016 , 27, 233-8 | 3.4 | 6 |
| 35 | Potential health benefits of anthocyanins in oxidative stress related disorders. <i>Phytochemistry Reviews</i> , 2021 , 20, 705-749 | 7.7 | 6 |
| 34 | A review on the latest advances in extraction and analysis of artemisinin. <i>Phytochemical Analysis</i> , 2020 , 31, 5-14 | 3.4 | 6 |
| 33 | Screening for natural inhibitors of human topoisomerases from medicinal plants with bio-affinity ultrafiltration and LCMS. <i>Phytochemistry Reviews</i> , 2020 , 19, 1231-1261 | 7.7 | 6 |
| 32 | Phytochemistry and pharmacology of the genus <i>Drypetes</i> : A review. <i>Journal of Ethnopharmacology</i> , 2016 , 190, 328-53 | 5 | 5 |
| 31 | Enrichment and analysis of quaternary alkaloids from <i>Zanthoxylum simulans</i> using weak cation exchange solid-phase extraction coupled with LC-MS. <i>Phytochemical Analysis</i> , 2019 , 30, 727-734 | 3.4 | 5 |
| 30 | Disintegration, In vitro Dissolution, and Drug Release Kinetics Profiles of k-Carrageenan-based Nutraceutical Hard-shell Capsules Containing Salicylamide. <i>Open Chemistry</i> , 2020 , 18, 226-231 | 1.6 | 5 |
| 29 | Application of INADEQUATE NMR techniques for directly tracing out the carbon skeleton of a natural product. <i>Phytochemical Analysis</i> , 2021 , 32, 7-23 | 3.4 | 5 |
| 28 | Extraction of naturally occurring cannabinoids: an update. <i>Phytochemical Analysis</i> , 2021 , 32, 228-241 | 3.4 | 5 |
| 27 | Inhibitory Activity and Docking Analysis of Antimalarial Agents from sp. toward Ferredoxin-NADP+ Reductase from Malaria Parasites. <i>Journal of Parasitology Research</i> , 2018 , 2018, 3469132 | 1.9 | 5 |

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| 26 | Essential Oils: Composition and Bioactivities. <i>Molecules</i> , 2021 , 26, | 4.8 | 5 |
| 25 | Growth inhibitory activity of biflavonoids and diterpenoids from the leaves of the Libyan <i>Juniperus phoenicea</i> against human cancer cells. <i>Phytotherapy Research</i> , 2019 , 33, 2075-2082 | 6.7 | 4 |
| 24 | A Systematic Review on Anti-diabetic and Cardioprotective Potential of Gallic Acid: A Widespread Dietary Phytoconstituent. <i>Food Reviews International</i> , 2020 , 1-20 | 5.5 | 4 |
| 23 | Impact of prebiotics on equol production from soymilk isoflavones by two species. <i>Heliyon</i> , 2020 , 6, e05298 | 5.4 | 4 |
| 22 | Anti-MRSA Constituents from (Rutaceae) Grown in Iraq, and Studies on Two of Most Active Compounds, Chalepentin and 6-Hydroxy-rutin 3,7-Dimethyl ether. <i>Molecules</i> , 2021 , 26, | 4.8 | 4 |
| 21 | Applications of High Performance Liquid Chromatography in the Analysis of Herbal Products 2015 , 405-425 | | 3 |
| 20 | Evaluation of resazurin microtiter plate assay and HPLC- photodiode array analysis of the roots of <i>Asparagus adscendens</i> . <i>Natural Product Research</i> , 2018 , 32, 346-349 | 2.3 | 3 |
| 19 | Four new -clerodane diterpenes from the stem bark of. <i>Natural Product Research</i> , 2021 , 35, 298-304 | 2.3 | 3 |
| 18 | Chemical Composition, Free-Radical-Scavenging and Insecticidal Properties, and General Toxicity of Volatile Oils of Two <i>Artemisia</i> species Growing Wild in Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015 , 18, 1406-1416 | 1.7 | 2 |
| 17 | Chemical Composition, Free-Radical-Scavenging and Insecticidal Properties, and General Toxicity of Volatile Oils Isolated from Various Parts of <i>Echinophora orientalis</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015 , 18, 1287-1297 | 1.7 | 2 |
| 16 | Composition of the Volatile Oils of the Aerial Parts of <i>Pedicularis sibthorpii</i> and <i>P. wilhelmsiana</i> Growing in Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012 , 15, 352-356 | 1.7 | 2 |
| 15 | Bioactivity of <i>Centaurea persica boiss.</i> (Asteraceae). <i>Archives of Biological Sciences</i> , 2012 , 64, 517-523 | 0.7 | 2 |
| 14 | Molecular identification and antimicrobial activity of endophytic fungi isolated from <i>Heritiera fomes</i> (Buch. -Ham), a mangrove plant of the Sundarbans. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2020 , 9, | 2.2 | 2 |
| 13 | Chalepin and Chalepentin: Occurrence, Biosynthesis and Therapeutic Potential. <i>Molecules</i> , 2021 , 26, | 4.8 | 2 |
| 12 | Phytochemistry, Traditional Uses and Pharmacological Properties of the Genus <i>Opopanax</i> W. D. J. Koch: A Mini-Review 2020 , 26, 99-106 | | 1 |
| 11 | Evaluation of anti-inflammatory activity of some Libyan medicinal plants in experimental animals. <i>Archives of Biological Sciences</i> , 2012 , 64, 1059-1063 | 0.7 | 1 |
| 10 | Isolation and Characterization of Antibacterial Compounds from An Endophytic Fungus from a Mangrove Plant of the Sundarbans.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 9600079 | 2.3 | 1 |
| 9 | Liquid Chromatography Mass Spectrometry Analysis and Cytotoxicity of Roots against Human Cancer Cell Lines. <i>Pharmacognosy Magazine</i> , 2018 , 13, S890-S894 | 0.8 | 0 |

- 8 Synthesis and Analytical Characterization of Purpurogallin: A Pharmacologically Active Constituent of Oak Galls. *Journal of Chemical Education*, **2022**, 99, 983-993 2.4 ○
- 7 Applications of Steroid Dimers **2012**, 379-407
- 6 Synthesis of Acyclic Steroid Dimers **2012**, 7-186
- 5 Naturally Occurring Steroid Dimers **2012**, 241-286
- 4 Synthesis of Cyclic Steroid Dimers **2012**, 187-240
- 3 Synthesis of Cephalostatin and Ritterazine Analogues **2012**, 287-377
- 2 Evaluation of the chemopreventive effect of selected medicinal plants extracts via induction of the Nrf2 in a modified model of breast cancer cells: identification of bioactive lead compounds. *European Journal of Cancer Prevention*, **2022**, 31, 50-53 2
- 1 Advances in applications of high-performance liquid chromatography in the analysis of herbal products **2022**, 431-461