

Lutfun Nahar

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,281
citations

257101

24
h-index

155451

55
g-index

88
all docs

88
docs citations

88
times ranked

4802
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 321-324.	1.9	1,195
2	Bioactive compounds from marine macroalgae and their hypoglycemic benefits. <i>Trends in Food Science and Technology</i> , 2018, 72, 1-12.	7.8	154
3	Antiviral potential of garlic (<i>Allium sativum</i>) 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.	7.8	146
4	Microwave-Assisted Extraction in Natural Products Isolation. <i>Methods in Molecular Biology</i> , 2012, 864, 89-115.	0.4	134
5	Therapeutic potential of phenylethanoid glycosides: A systematic review. <i>Medicinal Research Reviews</i> , 2020, 40, 2605-2649.	5.0	80
6	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.	1.2	79
7	Functional properties, structural studies and chemo-enzymatic synthesis of oligosaccharides. <i>Trends in Food Science and Technology</i> , 2017, 66, 135-145.	7.8	77
8	Bee Pollen: Current Status and Therapeutic Potential. <i>Nutrients</i> , 2021, 13, 1876.	1.7	77
9	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.	1.6	73
10	Aromatic Medicinal Plants of the Lamiaceae Family from Uzbekistan: Ethnopharmacology, Essential Oils Composition, and Biological Activities. <i>Medicines (Basel, Switzerland)</i> , 2017, 4, 8.	0.7	72
11	An Introduction to Natural Products Isolation. <i>Methods in Molecular Biology</i> , 2012, 864, 1-25.	0.4	71
12	Progress in the Chemistry of Naturally Occurring Coumarins. <i>Progress in the Chemistry of Organic Natural Products</i> , 2017, 106, 241-304.	0.8	63
13	Essential Oils from the Malaysian Citrus (Rutaceae) Medicinal Plants. <i>Medicines (Basel, Switzerland)</i> , 2016, 3, 13.	0.7	56
14	Chalcones: Synthetic Chemistry Follows Where Nature Leads. <i>Biomolecules</i> , 2021, 11, 1203.	1.8	55
15	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.	1.4	53
16	Prediction of Anti-Alzheimer's Activity of Flavonoids Targeting Acetylcholinesterase <i>in silico</i> . <i>Phytochemical Analysis</i> , 2017, 28, 324-331.	1.2	41
17	Gas chromatographic analysis of naturally occurring cannabinoids: A review of literature published during the past decade. <i>Phytochemical Analysis</i> , 2020, 31, 135-146.	1.2	39
18	A systematic review on antioxidant and antiinflammatory activity of Sesame (<i>Sesamum indicum</i> L.) oil and further confirmation of antiinflammatory activity by chemical profiling and molecular docking. <i>Phytotherapy Research</i> , 2019, 33, 2585-2608.	2.8	38

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19	Apocynin prevented inflammation and oxidative stress in carbon tetra chloride induced hepatic dysfunction in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 421-428.	2.5	34
20	Potential health benefits of anthocyanins in oxidative stress related disorders. <i>Phytochemistry Reviews</i> , 2021, 20, 705-749.	3.1	34
21	Anti-MRSA activity of oxysporone and xylitol from the endophytic fungus <i>Pestalotia</i> sp. growing on the Sundarbans mangrove plant <i>Heritiera fomes</i> . <i>Phytotherapy Research</i> , 2018, 32, 348-354.	2.8	32
22	Cytotoxicity of the Roots of <i>Trillium govanianum</i> Against Breast (MCF7), Liver (HepG2), Lung (A549) and Urinary Bladder (EJ138) Carcinoma Cells. <i>Phytotherapy Research</i> , 2016, 30, 1716-1720.	2.8	31
23	Ruta Essential Oils: Composition and Bioactivities. <i>Molecules</i> , 2021, 26, 4766.	1.7	31
24	Comparative Cytotoxicity of <i>Glycyrrhiza glabra</i> Roots from Different Geographical Origins Against Immortal Human Keratinocyte (HaCaT), Lung Adenocarcinoma (A549) and Liver Carcinoma (HepG2) Cells. <i>Phytotherapy Research</i> , 2015, 29, 944-948.	2.8	30
25	Acridone alkaloids from the stem bark of <i>Citrus aurantium</i> display selective cytotoxicity against breast, liver, lung and prostate human carcinoma cells. <i>Journal of Ethnopharmacology</i> , 2018, 227, 131-138.	2.0	25
26	Supercritical Fluid Extraction in Natural Products Analyses. <i>Methods in Molecular Biology</i> , 2012, 864, 43-74.	0.4	21
27	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.	1.4	21
28	Naturally Occurring Calanolides: Occurrence, Biosynthesis, and Pharmacological Properties Including Therapeutic Potential. <i>Molecules</i> , 2020, 25, 4983.	1.7	21
29	Extraction of naturally occurring cannabinoids: an update. <i>Phytochemical Analysis</i> , 2021, 32, 228-241.	1.2	21
30	Isolation and Antimicrobial Activity of Rutin and Its Derivatives from <i>Ruta chalepensis</i> (Rutaceae) Growing in Iraq. <i>Records of Natural Products</i> , 2018, 13, 64-70.	1.3	21
31	Advances in Chemistry and Bioactivity of the Genus <i>Chisocheton</i> Blume. <i>Chemistry and Biodiversity</i> , 2016, 13, 483-503.	1.0	20
32	Resveratrol derivatives from <i>Commiphora africana</i> (<i>A. Rich.</i>) Endl. display cytotoxicity and selectivity against several human cancer cell lines. <i>Phytotherapy Research</i> , 2019, 33, 159-166.	2.8	20
33	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.	1.2	20
34	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.	1.0	20
35	Antimicrobial activity of kojic acid from endophytic fungus <i>Colletotrichum gloeosporioides</i> isolated from <i>Sonneratia apetala</i> , a mangrove plant of the Sundarbans. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 350.	0.4	20
36	Scandanolone from <i>Cudrania tricuspidata</i> 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.	1.8	17

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37	Cytotoxic Properties of the Stem Bark of <i>Citrus reticulata</i> Blanco (Rutaceae). <i>Phytotherapy Research</i> , 2017, 31, 1215-1219.	2.8	16
38	Screening for natural inhibitors of human topoisomerases from medicinal plants with bio-affinity ultrafiltration and LC-MS. <i>Phytochemistry Reviews</i> , 2020, 19, 1231-1261.	3.1	16
39	Anti-MRSA Constituents from <i>Ruta chalepensis</i> (Rutaceae) Grown in Iraq, and In Silico Studies on Two of Most Active Compounds, Chalepensin and 6-Hydroxy-rutin 3,7-Dimethyl ether. <i>Molecules</i> , 2021, 26, 1114.	1.7	16
40	Polymethoxyflavones from <i>Nicotiana plumbaginifolia</i> (Solanaceae) Exert Antinociceptive and Neuropharmacological Effects in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 85.	1.6	15
41	Ent-Clerodane Diterpenes from the Bark of <i>Croton oligandrus</i> Pierre ex Hutch. and Assessment of Their Cytotoxicity against Human Cancer Cell Lines. <i>Molecules</i> , 2018, 23, 410.	1.7	15
42	Bioassay-guided isolation and structure elucidation of cytotoxic stilbenes and flavonols from the leaves of <i>Macaranga barteri</i> . <i>FÄ-toterapÄ-c</i> , 2019, 134, 151-157.	1.1	15
43	Analgesic Activity, Chemical Profiling and Computational Study on <i>Chrysopogon aciculatus</i> . <i>Frontiers in Pharmacology</i> , 2018, 9, 1164.	1.6	13
44	A review on the latest advances in extraction and analysis of artemisinin. <i>Phytochemical Analysis</i> , 2020, 31, 5-14.	1.2	13
45	Cytotoxicity, <i>In vitro</i> anti-Leishmanial and fingerprint HPLC- photodiode array analysis of the roots of <i>Trillium govanianum</i> . <i>Natural Product Research</i> , 2018, 32, 2193-2201.	1.0	12
46	An Introduction to Computational Phytochemistry. , 2018, , 1-41.		12
47	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.	1.2	12
48	GC-MS and q-NMR based chemotaxonomic evaluation of two <i>Leonurus</i> species. <i>Phytochemical Analysis</i> , 2016, 27, 284-289.	1.2	11
49	Phytochemistry and pharmacology of the genus <i>Drypetes</i> : A review. <i>Journal of Ethnopharmacology</i> , 2016, 190, 328-353.	2.0	11
50	Modulation of Antimalarial Activity at a Putative Bisquinoline Receptor In Vivo Using Fluorinated Bisquinolines. <i>Chemistry - A European Journal</i> , 2017, 23, 6811-6828.	1.7	11
51	Chalepin and Chalepensis: Occurrence, Biosynthesis and Therapeutic Potential. <i>Molecules</i> , 2021, 26, 1609.	1.7	11
52	Applications of High Performance Liquid Chromatography in the Analysis of Herbal Products. , 2015, , 405-425.		10
53	West African medicinal plants and their constituent compounds as treatments for viral infections, including SARS-CoV-2/COVID-19. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2022, 30, 191-210.	0.9	10
54	Ferulone A and ferulone B: two new coumarin esters from <i>Ferula orientalis</i> L. roots. <i>Natural Product Research</i> , 2016, 30, 2183-2189.	1.0	9

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55	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.	2.8	9
56	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, 233-238.	1.2	8
57	A Systematic Review on Anti-diabetic and Cardioprotective Potential of Gallic Acid: A Widespread Dietary Phytoconstituent. <i>Food Reviews International</i> , 2022, 38, 420-439.	4.3	8
58	Application of INADEQUATE NMR techniques for directly tracing out the carbon skeleton of a natural product. <i>Phytochemical Analysis</i> , 2021, 32, 7-23.	1.2	8
59	Disintegration, In vitro Dissolution, and Drug Release Kinetics Profiles of κ -Carrageenan-based Nutraceutical Hard-shell Capsules Containing Salicylamide. <i>Open Chemistry</i> , 2020, 18, 226-231.	1.0	8
60	Impact of prebiotics on equol production from soymilk isoflavones by two <i>Bifidobacterium</i> species. <i>Heliyon</i> , 2020, 6, e05298.	1.4	7
61	Editorial: Natural Antimicrobial Peptides: Hope for New Antibiotic Lead Molecules. <i>Frontiers in Pharmacology</i> , 2021, 12, 640938.	1.6	7
62	Inhibitory Activity and Docking Analysis of Antimalarial Agents from <i>Stemona</i> sp. toward Ferredoxin-NADP+ Reductase from Malaria Parasites. <i>Journal of Parasitology Research</i> , 2018, 2018, 1-6.	0.5	5
63	Antioxidant Activity and Cytotoxicity against Cancer Cell Lines of the Extracts from Novel <i>Xylaria</i> Species Associated with Termite Nests and LC-MS Analysis. <i>Antioxidants</i> , 2021, 10, 1557.	2.2	5
64	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, .	0.8	5
65	Isolation and Characterization of Antibacterial Compounds from <i>Aspergillus fumigatus</i> : An Endophytic Fungus from a Mangrove Plant of the Sundarbans. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	5
66	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.	0.7	4
67	Traditional Medicine for Wound Management. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-1.	0.5	4
68	Four new <i>neo</i> -clerodane diterpenes from the stem bark of <i>Croton oligandrus</i> . <i>Natural Product Research</i> , 2021, 35, 298-304.	1.0	4
69	Bioactivity of <i>Centaurea persica</i> boiss. (Asteraceae). <i>Archives of Biological Sciences</i> , 2012, 64, 517-523.	0.2	4
70	Synthesis and Analytical Characterization of Purpurogallin: A Pharmacologically Active Constituent of Oak Galls. <i>Journal of Chemical Education</i> , 2022, 99, 983-993.	1.1	4
71	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.	1.0	3
72	Phytochemistry, Traditional Uses and Pharmacological Properties of the Genus <i>Opopanax</i> W. D. J. Koch: A Mini-Review. <i>Pharmaceutical Sciences</i> , 2020, 26, 99-106.	0.1	3

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73	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.	0.7	2
74	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.	0.7	2
75	Liquid Chromatography Mass Spectrometry Analysis and Cytotoxicity of Roots against Human Cancer Cell Lines. <i>Pharmacognosy Magazine</i> , 2018, 13, S890-S894.	0.3	2
76	Evaluation of anti-inflammatory activity of some Libyan medicinal plants in experimental animals. <i>Archives of Biological Sciences</i> , 2012, 64, 1059-1063.	0.2	2
77	“Malancha” [<i>Alternanthera philoxeroides</i> (Mart.) Griseb.]: A Potential Therapeutic Option against Viral Diseases. <i>Biomolecules</i> , 2022, 12, 582.	1.8	2
78	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. <i>European Journal of Cancer Prevention</i> , 2022, 31, 50-53.	0.6	0
79	Advances in applications of high-performance liquid chromatography in the analysis of herbal products. , 2022, , 431-461.		0