

Farhat Ullah

List of Publications by Year in descending order

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84
papers

3,618
citations

117625

34
h-index

155660

55
g-index

84
all docs

84
docs citations

84
times ranked

3346
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoids as Prospective Neuroprotectants and Their Therapeutic Propensity in Aging Associated Neurological Disorders. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 155.	3.4	220
2	Synergistic interactions of phytochemicals with antimicrobial agents: Potential strategy to counteract drug resistance. <i>Chemico-Biological Interactions</i> , 2019, 308, 294-303.	4.0	184
3	Neuroprotective and Anti-Aging Potentials of Essential Oils from Aromatic and Medicinal Plants. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 168.	3.4	176
4	Anti-Alzheimerâ€™s Studies on Î²-Sitosterol Isolated from <i>Polygonum hydropiper</i> L.. <i>Frontiers in Pharmacology</i> , 2017, 8, 697.	3.5	159
5	Sertraline enhances the activity of antimicrobial agents against pathogens of clinical relevance. <i>Journal of Biological Research</i> , 2015, 22, 4.	2.1	102
6	Comparative chemical profiling, cholinesterase inhibitions and anti-radicals properties of essential oils from <i>Polygonum hydropiper</i> L: A Preliminary anti- Alzheimerâ€™s study. <i>Lipids in Health and Disease</i> , 2015, 14, 141.	3.0	99
7	Phyto-Therapeutic and Nanomedicinal Approaches to Cure Alzheimerâ€™s Disease: Present Status and Future Opportunities. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 284.	3.4	99
8	Phenolic contents, antioxidant and anticholinesterase potentials of crude extract, subsequent fractions and crude saponins from <i>Polygonum hydropiper</i> L. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 145.	3.7	96
9	Design, synthesis, in-vitro, in-vivo and in-silico studies of pyrrolidine-2,5-dione derivatives as multitarget anti-inflammatory Agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111863.	5.5	95
10	Synthesis, anticholinesterase and antioxidant potentials of ketoesters derivatives of succinimides: a possible role in the management of Alzheimerâ€™s. <i>Chemistry Central Journal</i> , 2015, 9, 31.	2.6	80
11	Synthesis, in-vitro Î±-glucosidase inhibition, antioxidant, in-vivo antidiabetic and molecular docking studies of pyrrolidine-2,5-dione and thiazolidine-2,4-dione derivatives. <i>Bioorganic Chemistry</i> , 2019, 91, 103128.	4.1	79
12	Chemical composition, antioxidant and anticholinesterase potentials of essential oil of <i>Rumex hastatus</i> D. Don collected from the North West of Pakistan. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 29.	3.7	78
13	Antioxidant and anticholinesterase investigations of <i>Rumex hastatus</i> D. Don: potential effectiveness in oxidative stress and neurological disorders. <i>Biological Research</i> , 2015, 48, 20.	3.4	72
14	Design, synthesis and bioevaluation of tricyclic fused ring system as dual binding site acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 83, 336-347.	4.1	72
15	Molecularly Characterized Solvent Extracts and Saponins from <i>Polygonum hydropiper</i> L. Show High Anti-Angiogenic, Anti-Tumor, Brine Shrimp, and Fibroblast NIH/3T3 Cell Line Cytotoxicity. <i>Frontiers in Pharmacology</i> , 2016, 7, 74.	3.5	69
16	Anticholinesterase and antioxidant investigations of crude extracts, subsequent fractions, saponins and flavonoids of <i>atriplex laciniata</i> L.: potential effectiveness in Alzheimerâ€™s and other neurological disorders. <i>Biological Research</i> , 2015, 48, 21.	3.4	65
17	Phenolic, flavonoid contents, anticholinesterase and antioxidant evaluation of <i>Iris germanica</i> var <i>florentina</i> . <i>Natural Product Research</i> , 2016, 30, 1440-1444.	1.8	65
18	Neurologically Potent Molecules from <i>Crataegus oxyacantha</i> ; Isolation, Anticholinesterase Inhibition, and Molecular Docking. <i>Frontiers in Pharmacology</i> , 2017, 8, 327.	3.5	65

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19	Glycoside-based niosomal nanocarrier for enhanced in-vivo performance of Cefixime. International Journal of Pharmaceutics, 2016, 505, 122-132.	5.2	59
20	Editorial: Natural Products-Based Drugs: Potential Therapeutics Against Alzheimer's Disease and Other Neurological Disorders. Frontiers in Pharmacology, 2019, 10, 1417.	3.5	57
21	Cytotoxicity and molecular docking studies on phytosterols isolated from Polygonum hydropiper L. Steroids, 2019, 141, 30-35.	1.8	57
22	Rational design and synthesis of dihydropyrimidine based dual binding site acetylcholinesterase inhibitors. Bioorganic Chemistry, 2016, 69, 91-101.	4.1	54
23	Analysis of chemical constituents and antinociceptive potential of essential oil of Teucrium Stocksianum bios collected from the North West of Pakistan. BMC Complementary and Alternative Medicine, 2012, 12, 244.	3.7	50
24	Antioxidant, total phenolic contents and antinociceptive potential of Teucrium stocksianum methanolic extract in different animal models. BMC Complementary and Alternative Medicine, 2014, 14, 181.	3.7	50
25	Chemical Characterization, Analgesic, Antioxidant, and Anticholinesterase Potentials of Essential Oils From Isodon rugosus Wall. ex. Benth. Frontiers in Pharmacology, 2018, 9, 623.	3.5	50
26	Chemical profiling, antimicrobial and insecticidal evaluations of Polygonum hydropiper L. BMC Complementary and Alternative Medicine, 2016, 16, 502.	3.7	49
27	Antimicrobial susceptibility and ESBL prevalence in Pseudomonas aeruginosa isolated from burn patients in the North West of Pakistan. Burns, 2009, 35, 1020-1025.	1.9	48
28	Heavy metals analysis, phytochemical, phytotoxic and anthelmintic investigations of crude methanolic extract, subsequent fractions and crude saponins from Polygonum hydropiper L. BMC Complementary and Alternative Medicine, 2014, 14, 465.	3.7	47
29	Treating Hyperglycemia From Eryngium caeruleum M. Bieb: In-vitro α -Glucosidase, Antioxidant, in-vivo Antidiabetic and Molecular Docking-Based Approaches. Frontiers in Chemistry, 2020, 8, 558641.	3.6	45
30	Sugar-based novel niosomal nanocarrier system for enhanced oral bioavailability of levofloxacin. Drug Delivery, 2016, 23, 3653-3664.	5.7	43
31	Cellular efflux transporters and the potential role of natural products in combating efflux mediated drug resistance. Frontiers in Bioscience - Landmark, 2017, 22, 732-756.	3.0	42
32	Phytochemical and toxicological investigations of crude methanolic extracts, subsequent fractions and crude saponins of Isodon rugosus. Biological Research, 2014, 47, 57.	3.4	41
33	1,1-Diphenyl,2-picrylhydrazyl free radical scavenging, bactericidal, fungicidal and leishmanicidal properties of <i>Teucrium stocksianum</i> . Toxicology and Industrial Health, 2015, 31, 1037-1043.	1.4	41
34	Synthesis, biological activities, and molecular docking studies of 2-mercaptobenzimidazole based derivatives. Bioorganic Chemistry, 2018, 80, 472-479.	4.1	41
35	Zinc metal carboxylates as potential anti-Alzheimer's candidate: <i>in vitro</i> anticholinesterase, antioxidant and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1044-1054.	3.5	39
36	GC-MS Analysis and Gastroprotective Evaluations of Crude Extracts, Isolated Saponins, and Essential Oil from Polygonum hydropiper L.. Frontiers in Chemistry, 2017, 5, 58.	3.6	38

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37	Investigations of anticholinesterase and antioxidant potentials of methanolic extract, subsequent fractions, crude saponins and flavonoids isolated from <i>Isodon rugosus</i> . <i>Biological Research</i> , 2014, 47, 76.	3.4	37
38	Î²-Sitosterol from <i>Ifloga spicata</i> (Forssk.) Sch. Bip. as potential anti-leishmanial agent against leishmania tropica: Docking and molecular insights. <i>Steroids</i> , 2019, 148, 56-62.	1.8	35
39	Anti-nociceptive Activity of Ethnomedicinally Important Analgesic Plant <i>Isodon rugosus</i> Wall. ex Benth: Mechanistic Study and Identifications of Bioactive Compounds. <i>Frontiers in Pharmacology</i> , 2016, 7, 200.	3.5	33
40	Antitumor and anti-angiogenic potentials of isolated crude saponins and various fractions of <i>Rumex hastatus</i> D. Don.. <i>Biological Research</i> , 2016, 49, 18.	3.4	33
41	Potential Role of Plant Extracts and Phytochemicals Against Foodborne Pathogens. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4597.	2.5	31
42	Smart nanocrystals of artemether: fabrication, characterization, and comparative in vitro and in vivo antimalarial evaluation. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3837-3850.	4.3	30
43	Antibacterial and antifungal potentials of the solvents extracts from <i>Eryngium caeruleum</i> , <i>Notholirion thomsonianum</i> and <i>Allium consanguineum</i> . <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 478.	3.7	30
44	<p>Comparative Cholinesterase, Î±-Glucosidase Inhibitory, Antioxidant, Molecular Docking, and Kinetic Studies on Potent Succinimide Derivatives</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 2165-2178.	4.3	30
45	Double-tailed acyl glycoside niosomal nanocarrier for enhanced oral bioavailability of Cefixime. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1440-1451.	2.8	28
46	Evaluation of <i>Rumex hastatus</i> D. Don for cytotoxic potential against HeLa and NIH/3T3 cell lines: chemical characterization of chloroform fraction and identification of bioactive compounds. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 308.	3.7	27
47	<p>Pharmacological Evaluation of Aldehydic-Pyrrolidinedione Against HCT-116, MDA-MB231, NIH/3T3, MCF-7 Cancer Cell Lines, Antioxidant and Enzyme Inhibition Studies</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4185-4194.	4.3	27
48	<i>Persicaria hydropiper</i> (L.) Delarbre: A review on traditional uses, bioactive chemical constituents and pharmacological and toxicological activities. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112516.	4.1	27
49	Neuroprotective Studies on <i>Polygonum hydropiper</i> L. Essential Oils Using Transgenic Animal Models. <i>Frontiers in Pharmacology</i> , 2020, 11, 580069.	3.5	27
50	Potential application of<i> Conyza canadensis</i> (L) Cronquist in the management of diabetes:<i> In vitro</i> and <i>in vivo</i> evaluation. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 1287.	0.3	26
51	Molecular salts of terephthalic acids with 2-aminopyridine and 2-aminothiazole derivatives as potential antioxidant agents; Base-Acid-Base type architectures. <i>Journal of Molecular Structure</i> , 2020, 1200, 127126.	3.6	25
52	Synthesis, molecular structure, anti-microbial, anti-oxidant and enzyme inhibition activities of 2-amino-6-methylbenzothiazole and its Cu(II) and Ag(I) complexes. <i>Journal of Molecular Structure</i> , 2020, 1199, 126956.	3.6	25
53	Demonstration of biological activities of extracts from <i>Isodon rugosus</i> Wall. Ex Benth: Separation and identification of bioactive phytoconstituents by GC-MS analysis in the ethyl acetate extract. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 284.	3.7	24
54	Underlying Anticancer Mechanisms and Synergistic Combinations of Phytochemicals with Cancer Chemotherapeutics: Potential Benefits and Risks. <i>Journal of Food Quality</i> , 2022, 2022, 1-15.	2.6	23

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55	Synthesis of Michael Adducts as Key Building Blocks for Potential Analgesic Drugs: In vitro, in vivo and in silico Explorations. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1299-1313.	4.3	21
56	Cytotoxicity, anti-angiogenic, anti-tumor and molecular docking studies on phytochemicals isolated from <i>Polygonum hydropiper</i> L.. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 239.	2.7	21
57	Coordination compounds of 4,5,6,7-tetrahydro-1 <i>H</i> -indazole with Cu(II), Co(II) and Ag(I): structural, antimicrobial, antioxidant and enzyme inhibition studies. <i>Journal of Coordination Chemistry</i> , 2017, 70, 4054-4069.	2.2	20
58	Thiourea Derivatives, Simple in Structure but Efficient Enzyme Inhibitors and Mercury Sensors. <i>Molecules</i> , 2021, 26, 4506.	3.8	20
59	Phytochemical Analysis, α -Glucosidase and Amylase Inhibitory, and Molecular Docking Studies on <i>Persicaria hydropiper</i> L. Leaves Essential Oils. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	1.2	20
60	Methyl-substituted 2-aminothiazole-based cobalt(II) and silver(I) complexes; synthesis, X-ray structures, and biological activities. <i>Turkish Journal of Chemistry</i> , 2019, 43, 857-868.	1.2	17
61	Zn, Cd and Hg complexes with unsymmetric thiourea derivatives; syntheses, free radical scavenging and enzyme inhibition essay. <i>Journal of Molecular Structure</i> , 2020, 1211, 128096.	3.6	17
62	Crude extract and isolated bioactive compounds from <i>Notholirion thomsonianum</i> (Royale) Stapf as multitargets antidiabetic agents: in-vitro and molecular docking approaches. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 270.	2.7	17
63	HPLC-DAD phenolics analysis, α -glucosidase, α -amylase inhibitory, molecular docking and nutritional profiles of <i>Persicaria hydropiper</i> L.. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 26.	2.7	16
64	Ethyl 3-oxo-2-(2,5-dioxopyrrolidin-3-yl)butanoate Derivatives: Anthelmintic and Cytotoxic Potentials, Antimicrobial, and Docking Studies. <i>Frontiers in Chemistry</i> , 2017, 5, 119.	3.6	15
65	<i>In-silico</i> evaluations of the isolated phytosterols from <i>Polygonum hydropiper</i> L against BACE1 and MAO drug targets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10230-10238.	3.5	15
66	Anticholinesterase and antioxidant potentials of <i>Nonea micrantha</i> Bioss. & Reut along with GC-MS analysis. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 499.	3.7	14
67	<i>In Silico</i> , Cytotoxic and Antioxidant Potential of Novel Ester, 3-hydroxyoctyl -5-trans-docosenoate Isolated from <i>Anchusa arvensis</i> (L.) M.Bieb. Against HepG-2 Cancer Cells. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4195-4205.	4.3	14
68	Biosynthesized metal nanoparticles as potential Alzheimer's disease therapeutics. , 2020, , 31-42.		14
69	New multitarget directed benzimidazole-based heterocycles as prospective anti-radical and anti-Alzheimer's agents. <i>Drug Development Research</i> , 2021, 82, 207-216.	2.9	14
70	Benzoic Acid Derivatives of <i>Ifloga spicata</i> (Forssk.) Sch.Bip. as Potential Anti-Leishmanial against <i>Leishmania tropica</i> . <i>Processes</i> , 2019, 7, 208.	2.8	13
71	α -Glucosidase, α -Amylase and Antioxidant Evaluations of Isolated Bioactives from Wild Strawberry. <i>Molecules</i> , 2022, 27, 3444.	3.8	13
72	Nutritional and medicinal aspects of <i>Rumex hastatus</i> D. Don along with <i>in vitro</i> anti-diabetic activity. <i>International Journal of Food Properties</i> , 2019, 22, 1733-1748.	3.0	12

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73	DPPH, ABTS free radical scavenging, antibacterial and phytochemical evaluation of crude methanolic extract and subsequent fractions of <i>Chenopodium botrys</i> aerial parts. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 761-766.	0.2	12
74	Antioxidant, Enzyme Inhibitory, and Molecular Docking Approaches to the Antidiabetic Potentials of Bioactive Compounds from <i>Persicaria hydropiper</i> L.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	1.2	10
75	Cytotoxic and phytotoxic actions of <i>Heliotropium strigosum</i> . <i>Toxicology and Industrial Health</i> , 2015, 31, 429-432.	1.4	9
76	Neuroprotective potentials of selected natural edible oils using enzyme inhibitory, kinetic and simulation approaches. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 248.	2.7	9
77	Synthesis, thymidine phosphorylase, angiogenic inhibition and molecular docking study of isoquinoline derivatives. <i>Bioorganic Chemistry</i> , 2019, 89, 102999.	4.1	8
78	A new trypsin inhibitory phthalic acid ester from <i>Heliotropium strigosum</i> . <i>Medicinal Chemistry Research</i> , 2014, 23, 2712-2714.	2.4	7
79	Editorial: Current Trends in Medicinal Plant Research and Neurodegenerative Disorders. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	7
80	Saponins and solvent extracts from <i>Atriplex laciniata</i> L. exhibited high anthelmintic and Insecticidal activities. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2017, 37, 599-606.	0.4	6
81	Cytotoxicity of <i>Anchusa arvensis</i> Against HepG-2 Cell Lines: Mechanistic and Computational Approaches. <i>Current Topics in Medicinal Chemistry</i> , 2020, 19, 2805-2813.	2.1	5
82	FABRICATION AND EVALUATION OF SMART NANOCRYSTALS OF ARTEMISININ FOR ANTIMALARIAL AND ANTIBACTERIAL EFFICACY. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 14, 251-262.	0.3	4
83	Macrocyclic sulfone derivatives: Synthesis, characterization, in vitro biological evaluation and molecular docking. <i>Drug Development Research</i> , 2021, 82, 562-574.	2.9	3
84	Evaluation of crude saponins, methanolic extract and subsequent fractions from <i>Isodon rugosus</i> Wall. ex Benth: Potentials of anti-angiogenesis in egg and anti-tumorigenesis in potato. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1971-1977.	0.2	1