

Qamar Uddin Ahmed

List of Publications by Year in descending order

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66
papers

1,439
citations

361296

20
h-index

360920

35
g-index

68
all docs

68
docs citations

68
times ranked

2034
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and Antidiabetic Effects of Flavonoids: A Structure-Activity Relationship Based Study. BioMed Research International, 2017, 2017, 1-14.	0.9	196
2	Antibacterial Effects of Flavonoids and Their Structure-Activity Relationship Study: A Comparative Interpretation. Molecules, 2022, 27, 1149.	1.7	102
3	Antidiabetic and antioxidant activity of <i>Annona squamosa</i> extract in streptozotocin-induced diabetic rats. Singapore Medical Journal, 2006, 47, 670-5.	0.3	66
4	Anti-hyperglycemic activity of the leaves of <i>Tetracera scandens</i> Linn. Merr. (Dilleniaceae) in alloxan induced diabetic rats. Journal of Ethnopharmacology, 2010, 131, 140-145.	2.0	63
5	Effect of khat, its constituents and restraint stress on free radical metabolism of rats. Journal of Ethnopharmacology, 2002, 83, 245-250.	2.0	61
6	A new sulphated flavone and other phytoconstituents from the leaves of <i>Tetracera indica</i> Merr. and their alpha-glucosidase inhibitory activity. Natural Product Research, 2019, 33, 1-8.	1.0	61
7	Beneficial effect of the leaves of <i>Murraya koenigii</i> (Linn.) Spreng (Rutaceae) on diabetes-induced renal damage in vivo. Journal of Ethnopharmacology, 2011, 135, 88-94.	2.0	47
8	Antibacterial efficacy of the seed extracts of <i>Melia azedarach</i> against some hospital isolated human pathogenic bacterial strains. Asian Pacific Journal of Tropical Biomedicine, 2011, 1, 452-455.	0.5	47
9	<i>Averrhoa bilimbi</i> Linn.: A review of its ethnomedicinal uses, phytochemistry, and pharmacology. Journal of Pharmacy and Bioallied Sciences, 2016, 8, 265.	0.2	46
10	Potential bioactive coating system for high-performance absorbable magnesium bone implants. Bioactive Materials, 2022, 12, 42-63.	8.6	42
11	Antibacterial activity of leaves extracts of <i>Trifolium alexandrinum</i> Linn. against pathogenic bacteria causing tropical diseases. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 189-194.	0.5	38
12	Antifungal activity of <i>Andrographis paniculata</i> extracts and active principles against skin pathogenic fungal strains in vitro. Pharmaceutical Biology, 2012, 50, 850-856.	1.3	36
13	β -Mangostin Improves Glucose Uptake and Inhibits Adipocytes Differentiation in 3T3-L1 Cells via PPAR γ , GLUT4, and Leptin Expressions. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	35
14	Analyses and profiling of extract and fractions of neglected weed <i>Mimosa pudica</i> Linn. traditionally used in Southeast Asia to treat diabetes. South African Journal of Botany, 2015, 99, 144-152.	1.2	31
15	Animal models and natural products to investigate in vivo and in vitro antidiabetic activity. Biomedicine and Pharmacotherapy, 2018, 101, 833-841.	2.5	26
16	Optimization of Hyperglycemic Induction in Zebrafish and Evaluation of Its Blood Glucose Level and Metabolite Fingerprint Treated with <i>Psychotria malayana</i> Jack Leaf Extract. Molecules, 2019, 24, 1506.	1.7	26
17	Identification of α -glucosidase inhibitors from <i>Clinacanthus nutans</i> leaf extract using liquid chromatography-mass spectrometry-based metabolomics and protein-ligand interaction with molecular docking. Journal of Pharmaceutical Analysis, 2019, 9, 91-99.	2.4	25
18	Beneficial effects of <i>Annona squamosa</i> extract in streptozotocin-induced diabetic rats. Singapore Medical Journal, 2008, 49, 800-4.	0.3	25

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19	Flavonoids from <i>Tetracera indica</i> Merr. induce adipogenesis and exert glucose uptake activities in 3T3-L1 adipocyte cells. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 431.	3.7	23
20	Structure, degradation, drug release and mechanical properties relationships of iron-based drug eluting scaffolds: The effects of PLGA. <i>Materials and Design</i> , 2018, 160, 203-217.	3.3	23
21	Medicinal Potential of Isoflavonoids: Polyphenols That May Cure Diabetes. <i>Molecules</i> , 2020, 25, 5491.	1.7	21
22	Toxicity study on <i>Clinacanthus nutans</i> leaf hexane fraction using <i>Danio rerio</i> embryos. <i>Toxicology Reports</i> , 2019, 6, 1148-1154.	1.6	20
23	Investigation of α -Glucosidase Inhibitory Metabolites from <i>Tetracera scandens</i> Leaves by GC-MS Metabolite Profiling and Docking Studies. <i>Biomolecules</i> , 2020, 10, 287.	1.8	20
24	Antibacterial efficacy of <i>Bacopa monnieri</i> leaf extracts against pathogenic bacteria. <i>Asian Biomedicine</i> , 2010, 4, 651-655.	0.2	19
25	Protective effect of treatment with black cumin oil on spatial cognitive functions of rats that suffered global cerebrovascular hypoperfusion. <i>Acta Neurobiologiae Experimentalis</i> , 2012, 72, 154-65.	0.4	19
26	Potential antifilarial activity of the leaves and seeds extracts of <i>Psoralea corylifolia</i> on cattle filarial parasite <i>Setaria cervi</i> . <i>Journal of Ethnopharmacology</i> , 2002, 82, 23-28.	2.0	18
27	Methylation and Acetylation Enhanced the Antidiabetic Activity of Some Selected Flavonoids: In Vitro, Molecular Modelling and Structure Activity Relationship-Based Study. <i>Biomolecules</i> , 2018, 8, 149.	1.8	18
28	<i>Salacca zalacca</i> : A short review of the palm botany, pharmacological uses and phytochemistry. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 645.	0.4	17
29	Herbal cure for poisons and poisonous bites from Western Uttar Pradesh, India. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S116-S120.	0.5	15
30	The biflavonoid, amentoflavone degrades DNA in the presence of copper ions. <i>Toxicology in Vitro</i> , 2004, 18, 435-440.	1.1	14
31	<i>In vivo</i> anxiolytic and <i>in vitro</i> anti-inflammatory activities of water-soluble extract (WSE) of <i>Nigella sativa</i> (L.) seeds. <i>Natural Product Research</i> , 2021, 35, 2793-2798.	1.0	13
32	Weeds as Alternative Useful Medicinal Source: <i>Mimosa pudica</i> Linn. on Diabetes Mellitus and its Complications. <i>Advanced Materials Research</i> , 2014, 995, 49-59.	0.3	12
33	Characterization of α -Glucosidase Inhibitors from <i>Psychotria malayana</i> Jack Leaves Extract Using LC-MS-Based Multivariate Data Analysis and In-Silico Molecular Docking. <i>Molecules</i> , 2020, 25, 5885.	1.7	12
34	Characterization of Antioxidant Activity of <i>Momordica Charantia</i> Fruit by Infrared-Based Fingerprinting. <i>Analytical Letters</i> , 2017, 50, 1977-1991.	1.0	11
35	GC-MS- and NMR-Based Metabolomics and Molecular Docking Reveal the Potential Alpha-Glucosidase Inhibitors from <i>Psychotria malayana</i> Jack Leaves. <i>Pharmaceuticals</i> , 2021, 14, 978.	1.7	11
36	Antinociceptive activity of petroleum ether fraction obtained from methanolic extract of <i>Clinacanthus nutans</i> leaves involves the activation of opioid receptors and NO-mediated/cGMP-independent pathway. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 79.	3.7	10

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37	Phytoconstituents from <i>Vernonia glaberrima</i> Welw. Ex O. Hoffm. leaves and their cytotoxic activities on a panel of human cancer cell lines. <i>South African Journal of Botany</i> , 2018, 116, 16-24.	1.2	9
38	Synthesis of new isoquinoline-base-oxadiazole derivatives as potent inhibitors of thymidine phosphorylase and molecular docking study. <i>Scientific Reports</i> , 2019, 9, 16015.	1.6	9
39	Evaluation of the Enzyme Inhibitory and Antioxidant Activities of <i>Entada spiralis</i> Stem Bark and Isolation of the Active Constituents. <i>Molecules</i> , 2019, 24, 1006.	1.7	9
40	Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. <i>Molecules</i> , 2019, 24, 1002.	1.7	9
41	Antioxidants profile of <i>Momordica charantia</i> fruit extract analyzed using LC-MS-QTOF-based metabolomics. <i>Food Chemistry Molecular Sciences</i> , 2021, 2, 100012.	0.9	9
42	Enrichment, in vitro, and quantification study of antidiabetic compounds from neglected weed <i>Mimosa pudica</i> using supercritical CO ₂ and CO ₂ -Soxhlet. <i>Separation Science and Technology</i> , 2018, 53, 243-260.	1.3	8
43	Anticancer activity of grassy <i>Hystrix brachyura</i> bezoar and its mechanisms of action: An in vitro and in vivo based study. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108841.	2.5	8
44	Isolation and characterization of novel antibacterial compound from an untapped plant, <i>Stereospermum fimbriatum</i> . <i>Natural Product Research</i> , 2020, 34, 629-637.	1.0	8
45	Modulation of metabolic alterations of obese diabetic rats upon treatment with <i>Salacca zalacca</i> fruits extract using ¹ H NMR-based metabolomics. <i>Food Research International</i> , 2020, 137, 109547.	2.9	8
46	Antiradical and Xanthine Oxidase Inhibitory Activity Evaluations of <i>Averrhoa bilimbi</i> L. Leaves and Tentative Identification of Bioactive Constituents through LC-QTOF-MS/MS and Molecular Docking Approach. <i>Antioxidants</i> , 2018, 7, 137.	2.2	7
47	Rapid investigation of α -glucosidase inhibitory activity of <i>Clinacanthus nutans</i> leaf using infrared fingerprinting. <i>Vibrational Spectroscopy</i> , 2019, 100, 22-29.	1.2	7
48	Assessment of Free radical scavenging and digestive enzyme inhibitory activities of extract, fractions and isolated compounds from <i>Tetracera macrophylla</i> leaves. <i>Journal of Herbal Medicine</i> , 2020, 22, 100351.	1.0	7
49	Preliminary Phytochemical Screening, In Vitro Antidiabetic, Antioxidant Activities, and Toxicity of Leaf Extracts of <i>Psychotria malayana</i> Jack. <i>Plants</i> , 2021, 10, 2688.	1.6	7
50	<i>Hystrix brachyura</i> Bezoar Characterization, Antioxidant Activity Screening, and Anticancer Activity on Melanoma Cells (A375): A Preliminary Study. <i>Antioxidants</i> , 2019, 8, 39.	2.2	6
51	<i>Pseudocedrela kotschyi</i> : a review of ethnomedicinal uses, pharmacology and phytochemistry. <i>Pharmaceutical Biology</i> , 2021, 59, 953-961.	1.3	6
52	A simple method for extracting both active oily and water soluble extract (WSE) from <i>Nigella sativa</i> (L.) seeds using a single solvent system. <i>Natural Product Research</i> , 2019, 33, 2266-2270.	1.0	5
53	Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent β -Glucuronidase Inhibitors. <i>Molecules</i> , 2019, 24, 1528.	1.7	5
54	Determination toxic effects of <i>Hystrix Brachyura</i> Bezoar extracts using cancer cell lines and embryo zebrafish (<i>Danio rerio</i>) models and identification of active principles through GC-MS analysis. <i>Journal of Ethnopharmacology</i> , 2020, 262, 113138.	2.0	5

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55	Alpha-Glucosidase Inhibitory Effect of Psychotria malayana Jack Leaf: A Rapid Analysis Using Infrared Fingerprinting. <i>Molecules</i> , 2020, 25, 4161.	1.7	5
56	Characterization of α -glucosidase inhibitory activity of Tetracera scandens leaves by Fourier transform infrared spectroscopy-based metabolomics. <i>Advances in Traditional Medicine</i> , 2020, 20, 169-180.	1.0	4
57	An In Vitro Anticancer Activity Evaluation of Neolamarckia cadamba (Roxb.) Bosser Leaves [®] Extract and its Metabolite Profile. <i>Frontiers in Pharmacology</i> , 2021, 12, 741683.	1.6	4
58	Antibacterial Activity of Cycas rumphii Miq. Leaves Extracts against Some Tropical Human Pathogenic Bacteria. <i>Research Journal of Microbiology</i> , 2011, 6, 761-768.	0.2	4
59	Acute and subacute toxicity assessment of liquid CO ₂ extract of Phaleria macrocarpa fruits flesh in mice model. <i>Journal of King Saud University - Science</i> , 2022, 34, 101912.	1.6	4
60	Enrichment of antibacterial compound from the stem bark of <i>Stereospermum fimbriatum</i> using supercritical carbon dioxide extraction. <i>Separation Science and Technology</i> , 2020, 55, 1656-1666.	1.3	2
61	Bridging Indigenous Knowledge and Scientific Evidence for Pharmacological Studies of <i>Phaleria macrocarpa</i> : A Systematic Review. <i>Natural Products Journal</i> , 2022, 12, .	0.1	2
62	Phytochemical Investigation of the Leaves of Tetracera scandens Linn. and In Vitro Antidiabetic Activity of Hypoletin. , 2014, , 591-608.		2
63	ANTIOXIDANT CAPABILITIES OF Litsea garciae BARK EXTRACTS AND THEIR RELATION TO THE PHYTOCHEMICAL COMPOSITIONS. , 2022, 51, 99-118.		2
64	A Review on the Formulation and Analysis of Anti-Diabetic Agent: Gliclazide. <i>Advanced Materials Research</i> , 0, 810, 159-172.	0.3	1
65	Striatum hyperactivity triggers relapse to morphine and methamphetamine (polydrug) dependence in mice. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2020, 12, 826.	0.2	1
66	Soft-chewable paracetamol tablets by melt granulation method: Formulation and characterization. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021, 13, 312.	0.2	0