Qamar Uddin Ahmed

List of Publications by Year
in descending order

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66 papers	1,439 citations	361045 20 h-index	360668 35 g-index
68 all docs	68 docs citations	68 times ranked	2034 citing authors

#	Article	IF	Citations
1	Bridging Indigenous Knowledge and Scientific Evidence for Pharmacological Studies of Phaleria macrocarpa: A Systematic Review. Natural Products Journal, 2022, 12, .	0.1	2
2	Potential bioactive coating system for high-performance absorbable magnesium bone implants. Bioactive Materials, 2022, 12, 42-63.	8.6	42
3	Antibacterial Effects of Flavonoids and Their Structure-Activity Relationship Study: A Comparative Interpretation. Molecules, 2022, 27, 1149.	1.7	102
4	ANTIOXIDANT CAPABILITIES OF Litsea garciae BARK EXTRACTS AND THEIR RELATION TO THE PHYTOCHEMICAL COMPOSITIONS. , 2022, 51, 99-118.		2
5	Acute and subacute toxicity assessment of liquid CO2 extract of Phaleria macrocarpa fruits flesh in mice model. Journal of King Saud University - Science, 2022, 34, 101912.	1.6	4
6	In vivo anxiolytic and in vitro anti-inflammatory activities of water-soluble extract (WSE) of Nigella sativa (L.) seeds. Natural Product Research, 2021, 35, 2793-2798.	1.0	13
7	Antioxidants profile of Momordica charantia fruit extract analyzed using LC-MS-QTOF-based metabolomics. Food Chemistry Molecular Sciences, 2021, 2, 100012.	0.9	9
8	GC-MS- and NMR-Based Metabolomics and Molecular Docking Reveal the Potential Alpha-Glucosidase Inhibitors from Psychotria malayana Jack Leaves. Pharmaceuticals, 2021, 14, 978.	1.7	11
9	Pseudocedrela kotschyi: a review of ethnomedicinal uses, pharmacology and phytochemistry. Pharmaceutical Biology, 2021, 59, 953-961.	1.3	6
10	An In Vitro Anticancer Activity Evaluation of Neolamarckia cadamba (Roxb.) Bosser Leavesâ€™ Extract and its Metabolite Profile. Frontiers in Pharmacology, 2021, 12, 741683.	1.6	4
11	Soft-chewable paracetamol tablets by melt granulation method: Formulation and characterization. Journal of Pharmacy and Bioallied Sciences, 2021, 13, 312.	0.2	0
12	Preliminary Phytochemical Screening, In Vitro Antidiabetic, Antioxidant Activities, and Toxicity of Leaf Extracts of Psychotria malayana Jack. Plants, 2021, 10, 2688.	1.6	7
13	Isolation and characterization of novel antibacterial compound from an untapped plant, Stereospermum fimbriatum. Natural Product Research, 2020, 34, 629-637.	1.0	8
14	Enrichment of antibacterial compound from the stem bark of Stereospermum fimbriatum using supercritical carbon dioxide extraction. Separation Science and Technology, 2020, 55, 1656-1666.	1.3	2
15	Characterization of Î±-glucosidase inhibitory activity of Tetracera scandens leaves by Fourier transform infrared spectroscopy-based metabolomics. Advances in Traditional Medicine, 2020, 20, 169-180.	1.0	4
16	Modulation of metabolic alterations of obese diabetic rats upon treatment with Salacca zalacca fruits extract using 1H NMR-based metabolomics. Food Research International, 2020, 137, 109547.	2.9	8
17	Medicinal Potential of Isoflavonoids: Polyphenols That May Cure Diabetes. Molecules, 2020, 25, 5491.	1.7	21
18	Determination toxic effects of Hystrix Brachyura Bezoar extracts using cancer cell lines and embryo zebrafish (Danio rerio) models and identification of active principles through GC-MS analysis. Journal of Ethnopharmacology, 2020, 262, 113138.	2.0	5

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19	Alpha-Glucosidase Inhibitory Effect of Psychotria malayana Jack Leaf: A Rapid Analysis Using Infrared Fingerprinting. Molecules, 2020, 25, 4161.	1.7	5
20	Characterization of Î±-Glucosidase Inhibitors from Psychotria malayana Jack Leaves Extract Using LC-MS-Based Multivariate Data Analysis and In-Silico Molecular Docking. Molecules, 2020, 25, 5885.	1.7	12
21	Investigation of Î±-Glucosidase Inhibitory Metabolites from Tetracera scandens Leaves by GCâ€“MS Metabolite Profiling and Docking Studies. Biomolecules, 2020, 10, 287.	1.8	20
22	Assessment of Free radical scavenging and digestive enzyme inhibitory activities of extract, fractions and isolated compounds from Tetracera macrophylla leaves. Journal of Herbal Medicine, 2020, 22, 100351.	1.0	7
23	Striatum hyperactivity triggers relapse to morphine and methamphetamine (polydrug) dependence in mice. Journal of Pharmacy and Bioallied Sciences, 2020, 12, 826.	0.2	1
24	A simple method for extracting both active oily and water soluble extract (WSE) from Nigella sativa (L.) seeds using a single solvent system. Natural Product Research, 2019, 33, 2266-2270.	1.0	5
25	Synthesis of new isoquinoline-base-oxadiazole derivatives as potent inhibitors of thymidine phosphorylase and molecular docking study. Scientific Reports, 2019, 9, 16015.	1.6	9
26	Optimization of Hyperglycemic Induction in Zebrafish and Evaluation of Its Blood Glucose Level and Metabolite Fingerprint Treated with Psychotria malayana Jack Leaf Extract. Molecules, 2019, 24, 1506.	1.7	26
27	Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent Î²-Glucuronidase Inhibitors. Molecules, 2019, 24, 1528.	1.7	5
28	Antinociceptive activity of petroleum ether fraction obtained from methanolic extract of Clinacanthus nutans leaves involves the activation of opioid receptors and NO-mediated/cGMP-independent pathway. BMC Complementary and Alternative Medicine, 2019, 19, 79.	3.7	10
29	Evaluation of the Enzyme Inhibitory and Antioxidant Activities of Entada spiralis Stem Bark and Isolation of the Active Constituents. Molecules, 2019, 24, 1006.	1.7	9
30	Anticancer activity of grassy Hystrix brachyura bezoar and its mechanisms of action: An in vitro and in vivo based study. Biomedicine and Pharmacotherapy, 2019, 114, 108841.	2.5	8
31	Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. Molecules, 2019, 24, 1002.	1.7	9
32	Hystrix brachyura Bezoar Characterization, Antioxidant Activity Screening, and Anticancer Activity on Melanoma Cells (A375): A Preliminary Study. Antioxidants, 2019, 8, 39.	2.2	6
33	Toxicity study on Clinacanthus nutans leaf hexane fraction using Danio rerio embryos. Toxicology Reports, 2019, 6, 1148-1154.	1.6	20
34	Identification of Î±-glucosidase inhibitors from Clinacanthus nutans 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
35	Rapid investigation of Î±-glucosidase inhibitory activity of Clinacanthus nutans leaf using infrared fingerprinting. Vibrational Spectroscopy, 2019, 100, 22-29.	1.2	7
36	A new sulphated flavone and other phytoconstituents from the leaves of Tetracera indica Merr. and their alpha-glucosidase inhibitory activity. Natural Product Research, 2019, 33, 1-8.	1.0	61

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37	Phytoconstituents from Vernonia glaberrima Welw. Ex O. Hoffm. leaves and their cytotoxic activities on a panel of human cancer cell lines. South African Journal of Botany, 2018, 116, 16-24.	1.2	9
38	Animal models and natural products to investigate in vivo and in vitro antidiabetic activity. Biomedicine and Pharmacotherapy, 2018, 101, 833-841.	2.5	26
39	Enrichment, in vitro, and quantification study of antidiabetic compounds from neglected weed Mimosa pudica using supercritical CO2 and CO2-Soxhlet. Separation Science and Technology, 2018, 53, 243-260.	1.3	8
40	Methylation and Acetylation Enhanced the Antidiabetic Activity of Some Selected Flavonoids: In Vitro, Molecular Modelling and Structure Activity Relationship-Based Study. Biomolecules, 2018, 8, 149.	1.8	18
41	Antiradical and Xanthine Oxidase Inhibitory Activity Evaluations of Averrhoa bilimbi L. Leaves and Tentative Identification of Bioactive Constituents through LC-QTOF-MS/MS and Molecular Docking Approach. Antioxidants, 2018, 7, 137.	2.2	7
42	Structure, degradation, drug release and mechanical properties relationships of iron-based drug eluting scaffolds: The effects of PLGA. Materials and Design, 2018, 160, 203-217.	3.3	23
43	Salacca zalacca: A short review of the palm botany, pharmacological uses and phytochemistry. Asian Pacific Journal of Tropical Medicine, 2018, 11, 645.	0.4	17
44	Characterization of Antioxidant Activity ofMomordica CharantiaFruit by Infrared-Based Fingerprinting. Analytical Letters, 2017, 50, 1977-1991.	1.0	11
45	Flavonoids from Tetracera indica Merr. induce adipogenesis and exert glucose uptake activities in 3T3-L1 adipocyte cells. BMC Complementary and Alternative Medicine, 2017, 17, 431.	3.7	23
46	Antioxidant and Antidiabetic Effects of Flavonoids: A Structure-Activity Relationship Based Study. BioMed Research International, 2017, 2017, 1-14.	0.9	196
47	Averrhoa bilimbiLinn.: A review of its ethnomedicinal uses, phytochemistry, and pharmacology. Journal of Pharmacy and Bioallied Sciences, 2016, 8, 265.	0.2	46
48	Î±-Mangostin Improves Glucose Uptake and Inhibits Adipocytes Differentiation in 3T3-L1 Cells via PPARÎ³, GLUT4, and Leptin Expressions. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	35
49	Analyses and profiling of extract and fractions of neglected weed Mimosa pudica Linn. traditionally used in Southeast Asia to treat diabetes. South African Journal of Botany, 2015, 99, 144-152.	1.2	31
50	Weeds as Alternative Useful Medicinal Source: Mimosa pudica Linn. on Diabetes Mellitus and its Complications. Advanced Materials Research, 2014, 995, 49-59.	0.3	12
51	Herbal cure for poisons and poisonous bites from Western Uttar Pradesh, India. Asian Pacific Journal of Tropical Disease, 2014, 4, S116-S120.	0.5	15
52	Phytochemical Investigation of the Leaves of Tetracera scandens Linn. and In Vitro Antidiabetic Activity of Hypoletin. , 2014, , 591-608.		2
53	Antibacterial activity of leaves extracts of Trifolium alexandrinum Linn. against pathogenic bacteria causing tropical diseases. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 189-194.	0.5	38
54	Antifungal activity ofAndrographis paniculataextracts and active principles against skin pathogenic fungal strainsin vitro. Pharmaceutical Biology, 2012, 50, 850-856.	1.3	36

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55	Protective effect of treatment with black cumin oil on spatial cognitive functions of rats that suffered global cerebrovascular hypoperfusion. Acta Neurobiologiae Experimentalis, 2012, 72, 154-65.	0.4	19
56	Beneficial effect of the leaves of Murraya koenigii (Linn.) Spreng (Rutaceae) on diabetes-induced renal damage in vivo. Journal of Ethnopharmacology, 2011, 135, 88-94.	2.0	47
57	Antibacterial efficacy of the seed extracts of Melia azedarach against some hospital isolated human pathogenic bacterial strains. Asian Pacific Journal of Tropical Biomedicine, 2011, 1, 452-455.	0.5	47
58	Antibacterial Activity of Cycas rumphii Miq. Leaves Extracts against Some Tropical Human Pathogenic Bacteria. Research Journal of Microbiology, 2011, 6, 761-768.	0.2	4
59	Anti-hyperglycemic activity of the leaves of Tetracera scandens Linn. Merr. (Dilleniaceae) in alloxan induced diabetic rats. Journal of Ethnopharmacology, 2010, 131, 140-145.	2.0	63
60	Antibacterial efficacy of Bacopa monnieri leaf extracts against pathogenic bacteria. Asian Biomedicine, 2010, 4, 651-655.	0.2	19
61	Beneficial effects of Annona squamosa extract in streptozotocin-induced diabetic rats. Singapore Medical Journal, 2008, 49, 800-4.	0.3	25
62	Antidiabetic and antioxidant activity of Annona squamosa extract in streptozotocin-induced diabetic rats. Singapore Medical Journal, 2006, 47, 670-5.	0.3	66
63	The biflavonoid, amentoflavone degrades DNA in the presence of copper ions. Toxicology in Vitro, 2004, 18, 435-440.	1.1	14
64	Potential antifilarial activity of the leaves and seeds extracts of Psoralea corylifolia on cattle filarial parasite Setaria cervi. Journal of Ethnopharmacology, 2002, 82, 23-28.	2.0	18
65	Effect of khat, its constituents and restraint stress on free radical metabolism of rats. Journal of Ethnopharmacology, 2002, 83, 245-250.	2.0	61
66	A Review on the Formulation and Analysis of Anti-Diabetic Agent: Gliclazide. Advanced Materials Research, 0, 810, 159-172.	0.3	1