

Shahira M Ezzat

List of Publications by Year in descending order

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86
papers

2,638
citations

236925

25
h-index

223800

46
g-index

89
all docs

89
docs citations

89
times ranked

3787
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Potential of Quercetin: New Insights and Perspectives for Human Health. ACS Omega, 2020, 5, 11849-11872.	3.5	335
2	A critical analysis of extraction techniques used for botanicals: Trends, priorities, industrial uses and optimization strategies. TrAC - Trends in Analytical Chemistry, 2018, 100, 82-102.	11.4	278
3	Metabolomics in the Context of Plant Natural Products Research: From Sample Preparation to Metabolite Analysis. Metabolites, 2020, 10, 37.	2.9	147
4	Toxicity of Nanoparticles in Biomedical Application: Nanotoxicology. Journal of Toxicology, 2021, 2021, 1-21.	3.0	98
5	The hidden mechanism beyond ginger (<i>Zingiber officinale</i> Rosc.) potent in vivo and in vitro anti-inflammatory activity. Journal of Ethnopharmacology, 2018, 214, 113-123.	4.1	88
6	Isolation of biologically active constituents from <i>Moringa peregrina</i> (Forssk.) Fiori. (family: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	0.6	74
7	Insights into Eucalyptus genus chemical constituents, biological activities and health-promoting effects. Trends in Food Science and Technology, 2019, 91, 609-624.	15.1	71
8	<i>In vivo</i> anti-inflammatory activity of caffeoylquinic acid derivatives from <i>Solidago virgaurea</i> in rats. Pharmaceutical Biology, 2016, 54, 2864-2870.	2.9	62
9	<i>In vivo</i> diabetic wound healing effect and HPLC-ESI-MS/MS profiling of the methanol extracts of eight Aloe species. Revista Brasileira De Farmacognosia, 2016, 26, 352-362.	1.4	60
10	Bioactive glycoalkaloides isolated from <i>Solanum melongena</i> fruit peels with potential anticancer properties against hepatocellular carcinoma cells. Scientific Reports, 2019, 9, 1746.	3.3	58
11	Anticancer potentiality of lignan rich fraction of six Flaxseed cultivars. Scientific Reports, 2018, 8, 544.	3.3	54
12	Symphytum Species: A Comprehensive Review on Chemical Composition, Food Applications and Phytopharmacology. Molecules, 2019, 24, 2272.	3.8	52
13	The food plant <i>Silybum marianum</i> (L.) Gaertn.: Phytochemistry, Ethnopharmacology and clinical evidence. Journal of Ethnopharmacology, 2021, 265, 113303.	4.1	52
14	The Pharmacological Activities of <i>Crocus sativus</i> L.: A Review Based on the Mechanisms and Therapeutic Opportunities of its Phytoconstituents. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-29.	4.0	51
15	Chemical and biological study of the seeds of <i>Eragrostis tef</i> (Zucc.) Trotter. Natural Product Research, 2012, 26, 619-629.	1.8	47
16	<i>Urtica dioica</i> -Derived Phytochemicals for Pharmacological and Therapeutic Applications. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-30.	1.2	42
17	A methoxylated quercetin glycoside harnesses HCC tumor progression in a TP53/miR-15/miR-16 dependent manner. Natural Product Research, 2020, 34, 1475-1480.	1.8	40
18	Delineating a potent antiviral activity of <i>Cuphea ignea</i> extract loaded nano-formulation against SARS-CoV-2: In silico and in vitro studies. Journal of Drug Delivery Science and Technology, 2021, 66, 102845.	3.0	38

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19	Metabolic profile and hepatoprotective activity of the anthocyanin-rich extract of <i>Hibiscus sabdariffa</i> calyces. <i>Pharmaceutical Biology</i> , 2016, 54, 3172-3181.	2.9	36
20	Emerging pollutants in Nigeria: A systematic review. <i>Environmental Toxicology and Pharmacology</i> , 2021, 85, 103638.	4.0	35
21	Antifibrotic effects of gallic acid on hepatic stellate cells: In vitro and in vivo mechanistic study. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 45-53.	2.7	33
22	Upregulation of MC4R and PPAR- α expression mediates the anti-obesity activity of <i>Moringa oleifera</i> Lam. in high-fat diet-induced obesity in rats. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112541.	4.1	32
23	Looking at Marine-Derived Bioactive Molecules as Upcoming Anti-Diabetic Agents: A Special Emphasis on PTP1B Inhibitors. <i>Molecules</i> , 2018, 23, 3334.	3.8	31
24	Anti-acetylcholinesterase activity of essential oils and their major constituents from four <i>Ocimum</i> species. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2016, 71, 393-402.	1.4	28
25	Anti-estrogenic and anti-aromatase activities of citrus peels major compounds in breast cancer. <i>Scientific Reports</i> , 2021, 11, 7121.	3.3	27
26	Downregulation of MMP1 expression mediates the anti-aging activity of <i>Citrus sinensis</i> peel extract nanoformulation in UV induced photoaging in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111537.	5.6	27
27	Potential Valorization of Edible Nuts By-Products: Exploring the Immune-Modulatory and Antioxidants Effects of Selected Nut Shells Extracts in Relation to Their Metabolic Profiles. <i>Antioxidants</i> , 2022, 11, 462.	5.1	27
28	Antibacterial, antioxidant, and topical anti-inflammatory activities of <i>Bergia ammannioides</i> : A wound-healing plant. <i>Pharmaceutical Biology</i> , 2016, 54, 215-224.	2.9	26
29	In-depth hepatoprotective mechanistic study of <i>Phyllanthus niruri</i> : In vitro and in vivo studies and its chemical characterization. <i>PLoS ONE</i> , 2020, 15, e0226185.	2.5	26
30	Acovenoside A Induces Mitotic Catastrophe Followed by Apoptosis in Non-Small-Cell Lung Cancer Cells. <i>Journal of Natural Products</i> , 2017, 80, 3203-3210.	3.0	25
31	Effect of the Method of Preparation on the Composition and Cytotoxic Activity of the Essential Oil of <i>Pituranthos tortuosus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 143-148.	1.4	24
32	A new α -glucosidase inhibitor from <i>Achillea fragrantissima</i> (Forssk.) Sch. Bip. growing in Egypt. <i>Natural Product Research</i> , 2014, 28, 812-818.	1.8	24
33	HPLC-DAD-MS/MS profiling of standardized rosemary extract and enhancement of its anti-wrinkle activity by encapsulation in elastic nanovesicles. <i>Archives of Pharmacal Research</i> , 2016, 39, 912-925.	6.3	24
34	Hesperetin's health potential: moving from preclinical to clinical evidence and bioavailability issues, to upcoming strategies to overcome current limitations. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4449-4464.	10.3	24
35	In vivo anti-inflammatory activity and UPLC-MS/MS profiling of the peels and pulps of <i>Cucumis melo</i> var. <i>cantalupensis</i> and <i>Cucumis melo</i> var. <i>reticulatus</i> . <i>Journal of Ethnopharmacology</i> , 2019, 237, 245-254.	4.1	23
36	Using an UPLC/MS-based untargeted metabolomics approach for assessing the antioxidant capacity and anti-aging potential of selected herbs. <i>RSC Advances</i> , 2020, 10, 31511-31524.	3.6	22

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37	<i>Rosmarinus</i> plants: Key farm concepts towards food applications. <i>Phytotherapy Research</i> , 2020, 34, 1474-1518.	5.8	22
38	Chemical and Biological Investigation of <i>Araucaria heterophylla</i> Salisb. Resin. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 819-823.	1.4	21
39	Plants: A Genus Rich in Vital Nutra-pharmaceuticals-A Review. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 68-89.	0.5	21
40	Mushrooms-Rich Preparations on Wound Healing: From Nutritional to Medicinal Attributes. <i>Frontiers in Pharmacology</i> , 2020, 11, 567518.	3.5	20
41	Optimization of an Extraction Solvent for Angiotensin-Converting Enzyme Inhibitors from <i>Hibiscus sabdariffa</i> L. Based on Its UPLC-MS/MS Metabolic Profiling. <i>Molecules</i> , 2020, 25, 2307.	3.8	20
42	Phenolics from <i>Physalis peruviana</i> fruits ameliorate streptozotocin-induced diabetes and diabetic nephropathy in rats via induction of autophagy and apoptosis regression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111948.	5.6	20
43	Immunomodulatory effect of Noni fruit and its isolates: insights into cell-mediated immune response and inhibition of LPS-induced THP-1 macrophage inflammation. <i>Food and Function</i> , 2021, 12, 3170-3179.	4.6	19
44	Hepatoprotective and cytotoxic activities of <i>Delonix regia</i> flower extracts. <i>Pharmacognosy Journal</i> , 2011, 3, 49-56.	0.8	18
45	A New Hepatoprotective Flavone Glycoside from the Flowers of <i>Onopordum alexandrinum</i> Growing in Egypt. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 251-259.	1.4	18
46	Protective effect of <i>Echinops galalensis</i> against CCl ₄ -induced injury on the human hepatoma cell line (Huh7). <i>Phytochemistry Letters</i> , 2013, 6, 73-78.	1.2	18
47	The Cardenolide Glycoside Acovenoside A Affords Protective Activity in Doxorubicin-Induced Cardiotoxicity in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 262-270.	2.5	18
48	<i>Ficus deltoidea</i> extract down-regulates protein tyrosine phosphatase 1B expression in a rat model of type 2 diabetes mellitus: a new insight into its antidiabetic mechanism. <i>Journal of Nutritional Science</i> , 2020, 9, e2.	1.9	18
49	Hepatoprotective constituents of <i>Torilis radiata</i> Moench (Apiaceae). <i>Natural Product Research</i> , 2012, 26, 282-285.	1.8	16
50	Rosmarinic acid attenuates hepatic fibrogenesis via suppression of hepatic stellate cell activation/proliferation and induction of apoptosis. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 444-453.	0.8	16
51	Recent Updates in Pharmacological Properties of Chitooligosaccharides. <i>BioMed Research International</i> , 2019, 2019, 1-16.	1.9	16
52	Phytochemical and biological investigation of the extracts of <i>Nigella sativa</i> L. seed waste. <i>Drug Testing and Analysis</i> , 2011, 3, 245-254.	2.6	15
53	Isolation of New Cytotoxic Metabolites from <i>Cleome droserifolia</i> Growing in Egypt. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012, 67, 266-274.	1.4	15
54	A new antibacterial lupane ester from the seeds of <i>Acokanthera oppositifolia</i> Lam.. <i>Natural Product Research</i> , 2016, 30, 2813-2818.	1.8	14

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55	Randomized double-blinded pilot clinical study of the antidiabetic activity of <i>Balanites aegyptiaca</i> and UPLC-ESI-MS/MS identification of its metabolites. <i>Pharmaceutical Biology</i> , 2017, 55, 1954-1961.	2.9	14
56	Molecular Networking Leveraging the Secondary Metabolomes Space of <i>Halophila stipulacea</i> (Forsk.) Aschers. and <i>Thalassia hemprichii</i> (Ehrenb. ex Solms) Asch. in Tandem with Their Chemosystematics and Antidiabetic Potentials. <i>Marine Drugs</i> , 2021, 19, 279.	4.6	13
57	<i>Hibiscus sabdariffa</i> L.: phytoconstituents, nutritive, and pharmacological applications. <i>Advances in Traditional Medicine</i> , 2022, 22, 497-507.	2.0	13
58	Antidepressant-Like Effect of Selected Egyptian Cultivars of Flaxseed Oil on a Rodent Model of Postpartum Depression. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-15.	1.2	12
59	Antiprotozoal activity of major constituents from the bioactive fraction of <i>Verbesina encelioides</i> . <i>Natural Product Research</i> , 2017, 31, 676-680.	1.8	10
60	Brain Cortical and Hippocampal Dopamine: A New Mechanistic Approach for <i>Eurycoma longifolia</i> Well-Known Aphrodisiac Activity and Its Chemical Characterization. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-13.	1.2	10
61	The use of aromatic plants and their therapeutic potential as antiviral agents: A hope for finding anti-COVID 19 essential oils. <i>Journal of Essential Oil Research</i> , 2021, 33, 105-113.	2.7	10
62	<i>In vitro</i> evaluation of cytotoxic activity of the ethanol extract and isolated compounds from the corms of <i>Liatris spicata</i> (L.) Willd on HepG2. <i>Natural Product Research</i> , 2017, 31, 1325-1328.	1.8	9
63	Use of Random Amplified Polymorphic DNA (RAPD) Technique to Study the Genetic Diversity of Eight Aloe Species. <i>Planta Medica</i> , 2016, 82, 1381-1386.	1.3	8
64	Athyrium plants - Review on phytopharmacy properties. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 201-205.	2.7	8
65	Role Phytochemicals Play in the Activation of Antioxidant Response Elements (AREs) and Phase II Enzymes and Their Relation to Cancer Progression and Prevention. <i>Studies in Natural Products Chemistry</i> , 2019, 60, 345-369.	1.8	7
66	A Comparative Study of the Antihypertensive and Cardioprotective Potentials of Hot and Cold Aqueous Extracts of <i>Hibiscus sabdariffa</i> L. in Relation to Their Metabolic Profiles. <i>Frontiers in Pharmacology</i> , 2022, 13, 840478.	3.5	7
67	A new acylated flavonol from the aerial parts of <i>Asteriscus maritimus</i> (L.) Less (Asteraceae). <i>Natural Product Research</i> , 2016, 30, 1753-1761.	1.8	6
68	Anti-inflammatory activity of the lipophilic metabolites from <i>Scolymus hispanicus</i> L. <i>South African Journal of Botany</i> , 2020, 131, 43-50.	2.5	6
69	Antihyperglycemic Activity and Standardization of the Bioactive Extract of <i>Cleome droserifolia</i> Growing in Egypt. <i>Pharmacognosy Journal</i> , 2014, 6, 15-21.	0.8	5
70	Effect of Certain Essential oils on Dissolution of Three Commercial Gutta-percha Brands. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 1126-1137.	1.9	4
71	Rho-Kinase II Inhibitory Potential of <i>Eurycoma longifolia</i> New Isolate for the Management of Erectile Dysfunction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-8.	1.2	4
72	Semiochemicals. , 2020, , 81-89.		4

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73	Diversity of active constituents in <i>Cichorium endivia</i> and <i>Cynara cornigera</i> extracts. Acta Biologica Hungarica, 2015, 66, 103-118.	0.7	3
74	Neuroprotective effect of <i>Salvia splendens</i> extract and its constituents against A β 1-3-induced Alzheimer's disease in rats. Advances in Traditional Medicine, 2020, 20, 381-393.	2.0	3
75	Isolation of secondary metabolites from the mediterranean sponge species; <i>Hemimycale columella</i> and its biological properties. SN Applied Sciences, 2021, 3, 1.	2.9	3
76	<i>Thymelaea</i> genus: Ethnopharmacology, Chemodiversity, and Bioactivities. South African Journal of Botany, 2021, 142, 175-192.	2.5	3
77	Evaluation of the Anti-inflammatory and Antioxidant Activities of Selected Resin Exudates. , 2020, 4, 255-261.		3
78	Cytotoxicity and Suppressive Effect of Leaves of <i>Mimusops laurifolia</i> on Carbon Tetrachloride-induced Liver Injury in Rats and its Bioactive Constituents. Asian Journal of Plant Sciences, 2012, 11, 124-130.	0.4	2
79	Non-polar metabolites of green beans (<i>Phaseolus vulgaris</i> L.) potentiate the antidiabetic activity of mesenchymal stem cells in streptozotocin-induced diabetes in rats. Journal of Food Biochemistry, 2022, 46, e14083.	2.9	2
80	New Bioactive Metabolites from a Crown Gall Induced on an <i>Eucalyptus tereticornis</i> Sm. Tree. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 461-470.	1.4	1
81	NMDA Inhibitors: A Potential Contrivance to Assist in Management of Alzheimer Disease. Combinatorial Chemistry and High Throughput Screening, 2022, 25, .	1.1	1
82	The Pharmacology of Avenanthramides: Polyphenols. , 2018, , 3-13.		0
83	Bioactive lead compounds and molecular targets for the treatment of heart diseases. , 2020, , 67-94.		0
84	FDA drug candidacy acceptance criteria and steps. , 2020, , 39-63.		0
85	Comparative Molluscicidal and Schistosomicidal Potentiality of Two Species and Its Isolated Glycoalkaloids. Pharmacognosy Research (discontinued), 2018, 10, 113-117.	0.6	0
86	New bioactive metabolites from a crown gall induced on an <i>Eucalyptus tereticornis</i> Sm. tree. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 461-70.	1.4	0