

Abdelaaty A Shahat

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

1,796
citations

25
h-index

35
g-index

118
ext. papers

2,155
ext. citations

3.1
avg, IF

4.55
L-index

#	Paper	IF	Citations
109	Bioactive Constituents and Toxicological Evaluation of Selected Antidiabetic Medicinal Plants of Saudi Arabia.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 7123521	2.3	18
108	A Phytochemical Analysis, Microbial Evaluation and Molecular Interaction of Major Compounds of <i>Centaurea bruguieriana</i> Using HPLC-Spectrophotometric Analysis and Molecular Docking. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3227	2.6	0
107	Medicinal Uses, Phytochemistry, Pharmacology, and Toxicology of .. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 7990508	2.3	1
106	Hepatoprotective, nephroprotective, anti-amylase, and antiglucosidase effects of <i>Ziziphus spina-christi</i> (L.) against carbon tetrachloride-induced toxicity in rats. <i>Tropical Journal of Pharmaceutical Research</i> , 2021 , 18, 781-790	0.8	2
105	Impact of Different Extraction Methods on Furanosesquiterpenoids Content and Antibacterial Activity of Resin. <i>Journal of Analytical Methods in Chemistry</i> , 2021 , 2021, 5525173	2	2
104	A new Tetrahydrofuran sesquiterpene skeleton from <i>Artemisia sieberi</i> . <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 338-342	1.5	1
103	Pollen diversity and its implications to the systematics of mimosaceous species by LM and SEM. <i>Microscopy Research and Technique</i> , 2021 , 84, 42-55	2.8	1
102	New antimicrobial metabolites from the medicinal herb. <i>Natural Product Research</i> , 2021 , 35, 1959-1967	2.3	5
101	<i>Camellia sinensis</i> leaves extract ameliorates high fat diet-induced nonalcoholic steatohepatitis in rats: analysis of potential mechanisms. <i>Journal of Pharmaceutical Investigation</i> , 2021 , 51, 183-197	6.3	1
100	The Reproductive Toxicity Associated with , a Folk Medicinal Plant in Saudi Arabia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 6689110	2.3	2
99	Nephroprotective effect of persimmon leaves (L.f.) against CCl ₄ -induced renal toxicity in Swiss Albino rats. <i>Drug and Chemical Toxicology</i> , 2021 , 1-9	2.3	0
98	A Polyphenols-Rich Extract from Boiss. Exhibits Analgesic, Anti-Inflammatory and Antipyretic Activities In Vivo. <i>Molecules</i> , 2020 , 25,	4.8	8
97	New Rare -Clerodane Diterpene Peroxides from Egyptian Mountain Tea (Qourtom) and Its Chemosystem as Herbal Remedies and Phytonutrients Agents. <i>Molecules</i> , 2020 , 25,	4.8	3
96	Phytochemical Analysis, Cytotoxic, Antioxidant, and Antibacterial Activities of Lichens. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020 , 2020, 8104538	2.3	6
95	Physicochemical evaluation of the fruit pulp of <i>Opuntia</i> spp growing in the Mediterranean area under hard climate conditions. <i>Open Chemistry</i> , 2020 , 18, 565-575	1.6	2
94	Terpenoid bio-transformations and applications via cell/organ cultures: a systematic review. <i>Critical Reviews in Biotechnology</i> , 2020 , 40, 64-82	9.4	5
93	<i>Centaurea bruguierana</i> inhibits cell proliferation, causes cell cycle arrest, and induces apoptosis in human MCF-7 breast carcinoma cells. <i>Molecular Biology Reports</i> , 2020 , 47, 6043-6051	2.8	8

92	Taxonomic implications of leaf epidermis in halophytes of Amaranthaceae from Salt Range of Punjab, Pakistan. <i>Plant Biosystems</i> , 2020 , 1-12	1.6	2
91	Isolation, pharmacological evaluation and molecular docking studies of bioactive compounds from. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 3029-3036	4.4	10
90	The influence of variations of furanosesquiterpenoids content of commercial samples of on their biological properties. <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 981-989	4.4	4
89	Anticholinesterase, antioxidant potentials, and molecular docking studies of isolated bioactive compounds From <i>Grewia optiva</i> . <i>International Journal of Food Properties</i> , 2019 , 22, 1386-1396	3	18
88	Phytochemical profiling, antioxidant and anticancer activities of <i>Gastrocotyle hispida</i> growing in Saudi Arabia. <i>Acta Tropica</i> , 2019 , 191, 243-247	3.2	14
87	Proanthocyanidins from the stem bark of <i>Rhus tripartita</i> ameliorate methylglyoxal-induced endothelial cell apoptosis. <i>Journal of Food and Drug Analysis</i> , 2019 , 27, 758-765	7	5
86	Fabrication and characterization of glimepiride nanosuspension by ultrasonication-assisted precipitation for improvement of oral bioavailability and in vitro α -glucosidase inhibition. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6287-6296	7.3	15
85	Ethnopharmacological Survey of Herbal Remedies Used for the Treatment of Cancer in the Greater Casablanca-Morocco. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 1613457	2.3	14
84	Antioxidant Potential, Phytochemicals Composition, and Metal Contents of. <i>BioMed Research International</i> , 2019 , 2019, 2403718	3	14
83	Euphosantianane E-G: Three New Premyrsinane Type Diterpenoids from with Contribution to Chemotaxonomy. <i>Molecules</i> , 2019 , 24,	4.8	10
82	Phytochemical Analysis and Toxicity Study of Rhizomes Decoction Used in Moroccan Alternative Medicine: Histopathological and Biochemical Profiles. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 1398404	2.3	3
81	Enzyme Inhibitory, Antioxidant And Antibacterial Potentials Of Synthetic Symmetrical And Unsymmetrical Thioureas. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 3485-3495	4.4	9
80	Recent Advances in Phytochemistry and Biological Activity: A Comprehensive Review. <i>Nutrients</i> , 2019 , 11,	6.7	21
79	Anti-inflammatory, antipyretic, analgesic, and antioxidant activities of <i>Haloxylon salicornicum</i> aqueous fraction. <i>Open Chemistry</i> , 2019 , 17, 1034-1042	1.6	6
78	Polymers Encapsulated Aspirin Loaded Silver Oxide Nanoparticles: Synthesis, Characterization and its Bio-Applications 2019 , 48, 1887-1897		4
77	Phytochemical analysis, Antioxidant and Antiprotoscolices potential of ethanol extracts of selected plants species against <i>Echinococcus granulosus</i> : In-vitro study. <i>Open Chemistry</i> , 2019 , 17, 874-883	1.6	6
76	Pharmacological Evaluation of Aldehydic-Pyrrolidinedione Against HCT-116, MDA-MB231, NIH/3T3, MCF-7 Cancer Cell Lines, Antioxidant and Enzyme Inhibition Studies. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 4185-4194	4.4	12
75	In Silico, Cytotoxic and Antioxidant Potential of Novel Ester, 3-hydroxyoctyl -5-docosenoate Isolated from (<i>L.</i>) <i>M.Bieb.</i> Against HepG-2 Cancer Cells. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 4195-4205	4.4	7

74	Optimization of physicochemical parameters of tannase post-purification and its versatile bioactivity. <i>FEMS Microbiology Letters</i> , 2018 , 365,	2.9	2
73	GC/MS analysis and characterization of 2-Hexadecen-1-ol and beta sitosterol from <i>Schimpera arabica</i> extract for its bioactive potential as antioxidant and antimicrobial. <i>Journal of Applied Microbiology</i> , 2018 , 124, 1082-1091	4.7	14
72	Traditional uses of medicinal plants practiced by the indigenous communities at Mohmand Agency, FATA, Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2018 , 14, 2	3.9	37
71	Glycyrrhiza glabra HPLC fractions: identification of Aldehydo Isoophiopogonone and Liquirtigenin having activity against multidrug resistant bacteria. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 140	4.7	15
70	Ethnobotany of Anti-hypertensive Plants Used in Northern Pakistan. <i>Frontiers in Pharmacology</i> , 2018 , 9, 789	5.6	27
69	Hepatoprotective Effect of Leaf Extract and Its Various Fractions against Carbon Tetra Chloride Induced Hepatotoxicity in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 3782768	2.3	14
68	A new strategy for taste masking of azithromycin antibiotic: development, characterization, and evaluation of azithromycin titanium nanohybrid for masking of bitter taste using physisorption and panel testing studies. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 3855-3866	4.4	8
67	Incidence, Risk Factors, and Epidemiology of Cystic Echinococcosis: A Complex Socioecological Emerging Infectious Disease in Khyber Pakhtunkhwa, Province of Pakistan. <i>BioMed Research International</i> , 2018 , 2018, 5042430	3	16
66	Antioxidant, hypoglycemic and anti-diabetic activities of <i>Ziziphus spina-christi</i> (L) Willd (Rhamnaceae) leaf extract. <i>Tropical Journal of Pharmaceutical Research</i> , 2018 , 16, 2601	0.8	5
65	Antioxidant and Hepatoprotective Effects of Methanolic Extracts of <i>Zilla spinosa</i> and <i>Hammada elegans</i> Against Carbon Tetrachloride-induced Hepatotoxicity in Rats. <i>Open Chemistry</i> , 2018 , 16, 133-140	1.6	15
64	Antimicrobial sesquiterpene lactones from <i>Artemisia sieberi</i> . <i>Journal of Asian Natural Products Research</i> , 2017 , 19, 1093-1101	1.5	13
63	ANTIMICROBIAL ACTIVITIES OF SOME SAUDI ARABIAN HERBAL PLANTS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 161-165	0.3	8
62	Aceclofenac nanocrystals with enhanced in vitro, in vivo performance: formulation optimization, characterization, analgesic and acute toxicity studies. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 2443-2452	4.4	29
61	Biopiracy of natural products and good bioprospecting practice. <i>Phytomedicine</i> , 2016 , 23, 166-73	6.5	34
60	NAD(P)H: quinone oxidoreductase 1 inducer activity of novel 4-aminoquinazoline derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1369-74	5.6	3
59	Sesquiterpene Lactones from <i>Cynara cornigera</i> : Acetyl Cholinesterase Inhibition and In Silico Ligand Docking. <i>Planta Medica</i> , 2016 , 82, 138-46	3.1	14
58	NAD(P)H:quinone oxidoreductase 1 inducer activity of some novel anilinoquinazoline derivatives. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 2515-24	4.4	5
57	Phytochemical investigation of <i>Rhus tripartita</i> and its activity against cyclooxygenases and acetylcholinesterase. <i>Tropical Journal of Pharmaceutical Research</i> , 2016 , 15, 1697	0.8	6

56	In vitro and in vivo hepatoprotective activity of extracts of aerial parts of <i>Bidens pilosa</i> L (Asteraceae). <i>Tropical Journal of Pharmaceutical Research</i> , 2016 , 15, 2371	0.8	3
55	Biochemical and histological evidences for the antitumor potential of <i>Teucrium Oliverianum</i> and <i>Rhazya stricta</i> in chemically-induced hepatocellular carcinoma. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016 , 13, 62	0.3	8
54	Synthesis, molecular modeling and NAD(P)H:quinone oxidoreductase 1 inducer activity of novel 2-phenylquinazolin-4-amine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1612-8	5.6	4
53	Synthesis and biological evaluation of novel 2-phenylquinazoline-4-amine derivatives: identification of 6-phenyl-8H-benzo[g]quinazolino[4,3-b]quinazolin-8-one as a highly potent inducer of NAD(P)H quinone oxidoreductase 1. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 34-39	5.6	4
52	Treatment with <i>Rhus tripartita</i> extract curtails isoproterenol-elicited cardiotoxicity and oxidative stress in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 351	4.7	17
51	Microbial biotransformation as a tool for drug development based on natural products from mevalonic acid pathway: A review. <i>Journal of Advanced Research</i> , 2015 , 6, 17-33	13	74
50	Significance of <i>Rumex vesicarius</i> as anticancer remedy against hepatocellular carcinoma: a proposal-based on experimental animal studies. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 4303-10	1.7	15
49	Polyphenolic content and antioxidant activity of some wild Saudi Arabian Asteraceae plants. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014 , 7, 545-51	2.1	17
48	Chemical Diversity of Essential Oils from <i>Cyperus articulatus</i> , <i>Cyperus esculentus</i> and <i>Cyperus papyrus</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014 , 17, 251-264	1.7	9
47	Synthesis, molecular modeling and NAD(P)H:quinone oxidoreductase 1 inducer activity of novel cyanoenone and enone benzenesulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014 , 29, 840-5	5.6	6
46	Novel Thioureido Derivatives Carrying Thione and Sulfonamide Moieties Induce the Cytoprotective Enzyme NAD(P)H:Quinone Oxidoreductase 1. <i>Asian Journal of Chemistry</i> , 2014 , 26, 8501-8504	0.4	2
45	Evaluation of the essential oil of <i>Foeniculum vulgare</i> Mill (fennel) fruits extracted by three different extraction methods by GC/MS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014 , 11, 277-9	0.3	27
44	Biochemical and neurotransmitters changes associated with tramadol in streptozotocin-induced diabetes in rats. <i>BioMed Research International</i> , 2014 , 2014, 238780	3	33
43	Development and validation of LC/MS/MS method for the simultaneous determination of montelukast, gliclazide, and nifedipine and its application to a pharmacokinetic study. <i>Chemistry Central Journal</i> , 2014 , 8, 17		19
42	Investigation of some chemical constituents and antioxidant activity extracts of <i>Matthiola longipetala</i> subsp. <i>longipetala</i> . <i>Chemistry of Natural Compounds</i> , 2013 , 49, 539-543	0.7	1
41	Tannins and Related Compounds from Medicinal Plants of Africa 2013 , 479-555		3
40	Cytotoxicity, mode of action and antibacterial activities of selected Saudi Arabian medicinal plants. <i>BMC Complementary and Alternative Medicine</i> , 2013 , 13, 354	4.7	30
39	Trochelioid A and B, new cembranoid diterpenes from the Red Sea soft coral Sarcophyton trocheliophorum. <i>Phytochemistry Letters</i> , 2013 , 6, 383-386	1.9	22

38	Antimicrobial activity of some Clerodendrum species from Egypt. <i>Natural Product Research</i> , 2013 , 27, 1032-6	2.3	11
37	NAD(P)H : quinone oxidoreductase 1 inducer activity of some Saudi Arabian medicinal plants. <i>Planta Medica</i> , 2013 , 79, 459-64	3.1	10
36	Lipophilic Constituents of Rumex vesicarius L. and Rumex dentatus L. <i>Antioxidants</i> , 2013 , 2, 167-80	7.1	11
35	Bioactive hydroperoxyl cembranoids from the Red Sea soft coral Sarcophyton glaucum. <i>Marine Drugs</i> , 2012 , 10, 209-22	6	48
34	Comparative Chemical Analysis of the Essential Oil of Wild and Cultivated Fennel (Foeniculum vulgare Mill). <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012 , 15, 314-319	1.7	7
33	Antibacterial activity and cytotoxicity of selected Egyptian medicinal plants. <i>Planta Medica</i> , 2012 , 78, 193-9	3.1	47
32	Phenolic compounds from Foeniculum vulgare (Subsp. Piperitum) (Apiaceae) herb and evaluation of hepatoprotective antioxidant activity. <i>Pharmacognosy Research (discontinued)</i> , 2012 , 4, 104-8	0.7	27
31	Regulation of Obesity and Lipid Disorders by Foeniculum vulgare Extracts and Plantago ovata in High-fat Diet-induced Obese Rats. <i>American Journal of Food Technology</i> , 2012 , 7, 622-632	0.1	4
30	Chemical composition, antimicrobial and antioxidant activities of essential oils from organically cultivated fennel cultivars. <i>Molecules</i> , 2011 , 16, 1366-77	4.8	114
29	Estrogenic activity of chemical constituents from Tephrosia candida. <i>Journal of Natural Products</i> , 2011 , 74, 937-42	4.9	29
28	CHEMICAL CONSTITUENTS FROM ALGERIAN FOENICULUM VULGARE AERIAL PARTS AND EVALUATION OF ANTIMICROBIAL ACTIVITY. <i>Journal of the Chilean Chemical Society</i> , 2011 , 56, 759-763	2.5	10
27	Chemical and biological investigation of some Clerodendrum species cultivated in Egypt. <i>Pharmaceutical Biology</i> , 2011 , 49, 66-72	3.8	14
26	Isolation and identification of a new flavonoid glycoside from Carrichtera annua L. seeds. <i>Pharmacognosy Research (discontinued)</i> , 2011 , 3, 151-4	0.7	4
25	Egyptian Herbal Drug Industry: Challenges and Future Prospects. <i>Research Journal of Medicinal Plant</i> , 2011 , 5, 136-144	0.3	35
24	Phytochemical and biological activities of Crataegus sinaica growing in Egypt. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010 , 3, 257-261	2.1	10
23	Investigation of the volatile oils, lipid constituents and biological activity of Ballota andreuziana, Teucrium zanonii and Verbena tenuisecta in Libya. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010 , 3, 594-601	2.1	9
22	Chemical composition and antimicrobial activities of the essential oil from the seeds of Enterolobium contortisiliquum (leguminosae). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008 , 43, 519-25	2.2	20
21	A new monoterpene alkaloid and other constituents of Plumeria acutifolia. <i>Planta Medica</i> , 2008 , 74, 1749-50	3.5	8

20	Procyanidins from <i>Adansonia digitata</i> .. <i>Pharmaceutical Biology</i> , 2006 , 44, 445-450	3.8	38
19	Flavonoid C-Glycosides from <i>Pteroccephalus Sanctus</i> Growing in Egypt. <i>Natural Product Communications</i> , 2006 , 1, 1934578X0600100	0.9	
18	Phytochemical investigation and antioxidant activity of <i>Duranta repens</i> . <i>Phytotherapy Research</i> , 2005 , 19, 1071-3	6.7	23
17	Structural characterization of flavonol di-O-glycosides from <i>Farsetia aegyptia</i> by electrospray ionization and collision-induced dissociation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2172-8	2.2	31
16	Isolation and NMR spectra of syringaresinol-beta-D-glucoside from <i>Cressa cretica</i> . <i>Floterap</i> , 2004 , 75, 771-3	3.2	36
15	Anticomplement and antioxidant activities of new acetylated flavonoid glycosides from <i>Centaurium spicatum</i> . <i>Planta Medica</i> , 2003 , 69, 1153-6	3.1	12
14	Isolation of mangiferin from <i>Bombax malabaricum</i> and structure revision of shamimin. <i>Planta Medica</i> , 2003 , 69, 1068-70	3.1	36
13	The application of liquid chromatography-electrospray ionization mass spectrometry and collision-induced dissociation in the structural characterization of acylated flavonol O-glycosides from the seeds of <i>Carrichtera annua</i> . <i>European Journal of Mass Spectrometry</i> , 2003 , 9, 409-20	1.1	25
12	Direct stereochemical assignment of hexose and pentose residues in flavonoid O-glycosides by fast atom bombardment and electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002 , 37, 1272-9	2.2	42
11	Antiviral and antioxidant activity of flavonoids and proanthocyanidins from <i>Crataegus sinaica</i> . <i>Planta Medica</i> , 2002 , 68, 539-41	3.1	88
10	In vitro inhibition of [3H]-angiotensin II binding on the human AT1 receptor by proanthocyanidins from <i>Guazuma ulmifolia</i> bark. <i>Planta Medica</i> , 2002 , 68, 1066-71	3.1	30
9	Chemical and biological investigations on <i>Zizyphus spina-christi</i> L. <i>Phytotherapy Research</i> , 2001 , 15, 593-7.7		58
8	Structure elucidation of three new acetylated flavonoid glycosides from <i>Centaurium spicatum</i> . <i>Magnetic Resonance in Chemistry</i> , 2001 , 39, 625-629	2.1	7
7	Biological screening of selected medicinal Panamanian plants by radioligand-binding techniques. <i>Phytomedicine</i> , 2001 , 8, 59-70	6.5	48
6	Isolation and complete NMR assignment of the numbing principle from <i>Chrysanthemum morifolium</i> . <i>Floterap</i> , 2001 , 72, 89-91	3.2	4
5	A new acylated flavonol triglycoside from <i>Carrichtera annua</i> . <i>Journal of Natural Products</i> , 2000 , 63, 845-7.9		15
4	Anti-HIV activity of flavonoids and proanthocyanidins from <i>Crataegus sinaica</i> . <i>Phytomedicine</i> , 1998 , 5, 133-6	6.5	35
3	Anti-complementary activity of <i>Crataegus sinaica</i> . <i>Planta Medica</i> , 1996 , 62, 10-3	3.1	26

- 2 Quantitative Determination of the Active Constituents in Egyptian Cultivated *Cynara scolymus*.
International Journal of Pharmacognosy, **1993**, 31, 299-304 10
- 1 Flavonoids of *Cynara scolymus* L. cultivated in Egypt. *Plant Foods for Human Nutrition*, **1993**, 44, 163-9 3,9 15