Abdelaaty A Shahat

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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	Chemical composition, antimicrobial and antioxidant activities of essential oils from organically cultivated fennel cultivars. <i>Molecules</i> , 2011 , 16, 1366-77	4.8	114
108	Antiviral and antioxidant activity of flavonoids and proanthocyanidins from Crataegus sinaica. <i>Planta Medica</i> , 2002 , 68, 539-41	3.1	88
107	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
106	Chemical and biological investigations on Zizyphus spina-christi L. <i>Phytotherapy Research</i> , 2001 , 15, 593	3-7 6.7	58
105	Bioactive hydroperoxyl cembranoids from the Red Sea soft coral Sarcophyton glaucum. <i>Marine Drugs</i> , 2012 , 10, 209-22	6	48
104	Biological screening of selected medicinal Panamanian plants by radioligand-binding techniques. <i>Phytomedicine</i> , 2001 , 8, 59-70	6.5	48
103	Antibacterial activity and cytotoxicity of selected Egyptian medicinal plants. <i>Planta Medica</i> , 2012 , 78, 193-9	3.1	47
102	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
101	Procyanidins from Adansonia digitata <i>Pharmaceutical Biology</i> , 2006 , 44, 445-450	3.8	38
100	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
99	Isolation of mangiferin from Bombax malabaricum and structure revision of shamimin. <i>Planta Medica</i> , 2003 , 69, 1068-70	3.1	36
98	Isolation and NMR spectra of syringaresinol-beta-D-glucoside from Cressa cretica. <i>Flioterap</i> [1 2004 , 75, 771-3	3.2	36
97	Anti-HIV activity of flavonoids and proanthocyanidins from Crataegus sinaica. <i>Phytomedicine</i> , 1998 , 5, 133-6	6.5	35
96	Egyptian Herbal Drug Industry: Challenges and Future Prospects. <i>Research Journal of Medicinal Plant</i> , 2011 , 5, 136-144	0.3	35
95	Biopiracy of natural products and good bioprospecting practice. <i>Phytomedicine</i> , 2016 , 23, 166-73	6.5	34
94	Biochemical and neurotransmitters changes associated with tramadol in streptozotocin-induced diabetes in rats. <i>BioMed Research International</i> , 2014 , 2014, 238780	3	33
93	Structural characterization of flavonol di-O-glycosides from Farsetia aegyptia by electrospray ionization and collision-induced dissociation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2172-8	2.2	31

(2016-2013)

92	Cytotoxicity, mode of action and antibacterial activities of selected Saudi Arabian medicinal plants. BMC Complementary and Alternative Medicine, 2013 , 13, 354	4.7	30
91	In vitro inhibition of [3H]-angiotensin II binding on the human AT1 receptor by proanthocyanidins from Guazuma ulmifolia bark. <i>Planta Medica</i> , 2002 , 68, 1066-71	3.1	30
90	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
89	Estrogenic activity of chemical constituents from Tephrosia candida. <i>Journal of Natural Products</i> , 2011 , 74, 937-42	4.9	29
88	Ethnobotany of Anti-hypertensive Plants Used in Northern Pakistan. <i>Frontiers in Pharmacology</i> , 2018 , 9, 789	5.6	27
87	Evaluation of the essential oil of Foeniculum vulgare 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
86	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
85	Anti-complementary activity of Crataegus sinaica. <i>Planta Medica</i> , 1996 , 62, 10-3	3.1	26
84	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 Carrichtera annua. <i>European Journal of Mass Spectrometry</i> , 2003 , 9, 409-20	1.1	25
83	Phytochemical investigation and antioxidant activity of Duranta repens. <i>Phytotherapy Research</i> , 2005 , 19, 1071-3	6.7	23
82	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
81	Recent Advances in Phytochemistry and Biological Activity: A Comprehensive Review. <i>Nutrients</i> , 2019 , 11,	6.7	21
80	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
79	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
78	Anticholinesterase, antioxidant potentials, and molecular docking studies of isolated bioactive compounds from Grewia optiva. <i>International Journal of Food Properties</i> , 2019 , 22, 1386-1396	3	18
77	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
76	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
75	Treatment with Rhus tripartita extract curtails isoproterenol-elicited cardiotoxicity and oxidative stress in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 351	4.7	17

74	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
73	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
72	Fabrication and characterization of glimepiride nanosuspension by ultrasonication-assisted precipitation for improvement of oral bioavailability and in vitro Eglucosidase inhibition. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6287-6296	7.3	15
71	A new acylated flavonol triglycoside from Carrichtera annua. Journal of Natural Products, 2000, 63, 845-	-74.9	15
70	Flavonoids of Cynara scolymus L. cultivated in Egypt. <i>Plant Foods for Human Nutrition</i> , 1993 , 44, 163-9	3.9	15
69	Significance of Rumex vesicarius as anticancer remedy against hepatocellular carcinoma: a proposal-based on experimental animal studies. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 430	03:710	15
68	Antioxidant and Hepatoprotective Effects of Methanolic Extracts of Zilla spinosa and Hammada elegans Against Carbon Tetrachlorideinduced Hepatotoxicity in Rats. <i>Open Chemistry</i> , 2018 , 16, 133-146	0 ^{1.6}	15
67	Phytochemical profiling, antioxidant and anticancer activities of Gastrocotyle hispida growing in Saudi Arabia. <i>Acta Tropica</i> , 2019 , 191, 243-247	3.2	14
66	GC/MS analysis and characterization of 2-Hexadecen-1-ol and beta sitosterol from Schimpera arabica extract for its bioactive potential as antioxidant and antimicrobial. <i>Journal of Applied Microbiology</i> , 2018 , 124, 1082-1091	4.7	14
65	Sesquiterpene Lactones from Cynara cornigera: Acetyl Cholinesterase Inhibition and In Silico Ligand Docking. <i>Planta Medica</i> , 2016 , 82, 138-46	3.1	14
64	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
63	Antioxidant Potential, Phytochemicals Composition, and Metal Contents of. <i>BioMed Research International</i> , 2019 , 2019, 2403718	3	14
62	Chemical and biological investigation of some Clerodendrum species cultivated in Egypt. <i>Pharmaceutical Biology</i> , 2011 , 49, 66-72	3.8	14
61	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
60	Antimicrobial sesquiterpene lactones from Artemisia sieberi. <i>Journal of Asian Natural Products Research</i> , 2017 , 19, 1093-1101	1.5	13
59	Anticomplement and antioxidant activities of new acetylated flavonoid glycosides from Centaurium spicatum. <i>Planta Medica</i> , 2003 , 69, 1153-6	3.1	12
58	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
57	Antimicrobial activity of some Clerodendrum species from Egypt. <i>Natural Product Research</i> , 2013 , 27, 1032-6	2.3	11

56	Lipophilic Constituents of Rumex vesicarius L. and Rumex dentatus L. <i>Antioxidants</i> , 2013 , 2, 167-80	7.1	11
55	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
54	Euphosantianane E-G: Three New Premyrsinane Type Diterpenoids from with Contribution to Chemotaxonomy. <i>Molecules</i> , 2019 , 24,	4.8	10
53	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
52	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
51	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
50	Quantitative Determination of the Active Constituents in Egyptian Cultivated Cynara scolymus. <i>International Journal of Pharmacognosy</i> , 1993 , 31, 299-304		10
49	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
48	Chemical Diversity of Essential Oils from Cyperus articulatus, Cyperus esculentus and Cyperus papyrus. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014 , 17, 251-264	1.7	9
47	Investigation of the volatile oils, lipid constituents and biological activity of Ballota andreuzziana, Teucrium zanonii and Verbena tenuisecta in Libya. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010 , 3, 594-601	2.1	9
46	A Polyphenols-Rich Extract from Boiss. Exhibits Analgesic, Anti-Inflammatory and Antipyretic Activities In Vivo. <i>Molecules</i> , 2020 , 25,	4.8	8
45	ANTIMICROBIAL ACTIVITIES OF SOME SAUDI ARABIAN HERBAL PLANTS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 161-165	0.3	8
44	A new monoterpene alkaloid and other constituents of Plumeria acutifolia. <i>Planta Medica</i> , 2008 , 74, 174	4 9 .£0	8
43	Centaurea bruguierana 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
42	Biochemical and histological evidences for the antitumor potential of Teucrium Oliverianum and Rhazya stricta in chemically-induced hepatocellular carcinoma. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016 , 13, 62	0.3	8
41	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
40	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
39	Structure elucidation of three new acetylated flavonoid glycosides from Centaurium spicatum. <i>Magnetic Resonance in Chemistry</i> , 2001 , 39, 625-629	2.1	7

38	In Silico, Cytotoxic and Antioxidant Potential of Novel Ester, 3-hydroxyoctyl -5-docosenoate Isolated from (L.) M.Bieb. Against HepG-2 Cancer Cells. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 4195-4205	4.4	7
37	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
36	Phytochemical Analysis, Cytotoxic, Antioxidant, and Antibacterial Activities of Lichens. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020 , 2020, 8104538	2.3	6
35	Anti-inflammatory, antipyretic, analgesic, and antioxidant activities of Haloxylon salicornicum aqueous fraction. <i>Open Chemistry</i> , 2019 , 17, 1034-1042	1.6	6
34	Phytochemical investigation of Rhus tripartita and its activity against cyclooxygenases and acetylcholinesterase. <i>Tropical Journal of Pharmaceutical Research</i> , 2016 , 15, 1697	0.8	6
33	Phytochemical analysis, Antioxidant and Antiprotoscolices potential of ethanol extracts of selected plants species against Echinococcus granulosus: In-vitro study. <i>Open Chemistry</i> , 2019 , 17, 874-883	1.6	6
32	Proanthocyanidins from the stem bark of Rhus tripartita ameliorate methylgloxal-induced endothelial cell apoptosis. <i>Journal of Food and Drug Analysis</i> , 2019 , 27, 758-765	7	5
31	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
30	NAD(P)H:quinone oxidoreductase 1 inducer activity of some novel anilinoquinazoline derivatives. Drug Design, Development and Therapy, 2016 , 10, 2515-24	4.4	5
29	New antimicrobial metabolites from the medicinal herb. <i>Natural Product Research</i> , 2021 , 35, 1959-1967	2.3	5
28	Antioxidant, hypoglycemic and anti-diabetic activities of Ziziphus spina-christi (L) Willd (Rhamnacae) leaf extract. <i>Tropical Journal of Pharmaceutical Research</i> , 2018 , 16, 2601	0.8	5
27	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
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	Isolation and complete NMR assignment of the numbing principle from Chrysanthemum morifolium. <i>Floterap</i> [12001 , 72, 89-91	3.2	4
24	Polymers Encapsulated Aspirin Loaded Silver Oxide Nanoparticles: Synthesis, Characterization and its Bio-Applications 2019 , 48, 1887-1897		4
23	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
22	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
21	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. Journal of Enzyme Inhibition and Medicinal Chemistry. 2016, 31, 34-39	5.6	4

(2021-2020)

20	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
19	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
18	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
17	Tannins and Related Compounds from Medicinal Plants of Africa 2013 , 479-555		3
16	In vitro and in vivo hepatoprotective activity of extracts of aerial parts of Bidens pilosa L (Asteraceae). <i>Tropical Journal of Pharmaceutical Research</i> , 2016 , 15, 2371	0.8	3
15	Optimization of physicochemical parameters of tannase post-purification and its versatile bioactivity. <i>FEMS Microbiology Letters</i> , 2018 , 365,	2.9	2
14	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
13	Physicochemical evaluation of the fruit pulp of Opuntia spp growing in the Mediterranean area under hard climate conditions. <i>Open Chemistry</i> , 2020 , 18, 565-575	1.6	2
12	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
11	Hepatoprotective, nephroprotective, anti-amylase, and antiglucosidase effects of Ziziphus spina-christi (L.) against carbon tetrachloride-induced toxicity in rats. <i>Tropical Journal of Pharmaceutical Research</i> , 2021 , 18, 781-790	0.8	2
10	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
9	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
8	Investigation of some chemical constituents and antioxidant activity extracts of Matthiola longipetala subsp. longipetala. <i>Chemistry of Natural Compounds</i> , 2013 , 49, 539-543	0.7	1
7	A new Tetrahydrofuran sesquiterpene skeleton from Artemisia sieberi. <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 338-342	1.5	1
6	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
5	Camellia sinesis 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
4	Medicinal Uses, Phytochemistry, Pharmacology, and Toxicology of <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 7990508	2.3	1
3	Nephroprotective effect of persimmon leaves (L.f.) against CCl-induced renal toxicity in Swiss Albino rats. <i>Drug and Chemical Toxicology</i> , 2021 , 1-9	2.3	Ο

A Phytochemical Analysis, Microbial Evaluation and Molecular Interaction of Major Compounds of Centaurea bruguieriana Using HPLC-Spectrophotometric Analysis and Molecular Docking. Applied 2.6 О 2 Sciences (Switzerland), 2022, 12, 3227

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