

Tarik A Mohamed

List of Publications by Citations

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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.

57
papers

843
citations

18
h-index

26
g-index

60
ext. papers

1,126
ext. citations

4.3
avg, IF

4.28
L-index

#	Paper	IF	Citations
57	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
56	In silico drug discovery of major metabolites from spices as SARS-CoV-2 main protease inhibitors. <i>Computers in Biology and Medicine</i> , 2020 , 126, 104046	7	64
55	Bioactive hydroperoxyl cembranoids from the Red Sea soft coral <i>Sarcophyton glaucum</i> . <i>Marine Drugs</i> , 2012 , 10, 209-22	6	48
54	Antibacterial activity and cytotoxicity of selected Egyptian medicinal plants. <i>Planta Medica</i> , 2012 , 78, 193-9	3.1	47
53	Soft Corals Biodiversity in the Egyptian Red Sea: A Comparative MS and NMR Metabolomics Approach of Wild and Aquarium Grown Species. <i>Journal of Proteome Research</i> , 2016 , 15, 1274-87	5.6	37
52	Molecular architecture and biomedical leads of terpenes from red sea marine invertebrates. <i>Marine Drugs</i> , 2015 , 13, 3154-81	6	37
51	Phytotoxic Effects of Plant Essential Oils: A Systematic Review and Structure-Activity Relationship Based on Chemometric Analyses. <i>Plants</i> , 2020 , 10,	4.5	29
50	Cembrene Diterpenoids with Ether Linkages from <i>Sarcophyton ehrenbergi</i> : An Anti-Proliferation and Molecular-Docking Assessment. <i>Marine Drugs</i> , 2017 , 15,	6	26
49	Ferulsinaic acid, a sesquiterpene coumarin with a rare carbon skeleton from <i>Ferula</i> species. <i>Phytochemistry</i> , 2007 , 68, 680-6	4	25
48	A new steroid from the Red Sea soft coral <i>Lobophytum lobophytum</i> . <i>Natural Product Research</i> , 2016 , 30, 340-4	2.3	24
47	In Silico Mining of Terpenes from Red-Sea Invertebrates for SARS-CoV-2 Main Protease (M) Inhibitors. <i>Molecules</i> , 2021 , 26,	4.8	24
46	Trochelioid A and B, new cembranoid diterpenes from the Red Sea soft coral <i>Sarcophyton trocheliophorum</i> . <i>Phytochemistry Letters</i> , 2013 , 6, 383-386	1.9	22
45	Recent Advances in Phytochemistry and Biological Activity: A Comprehensive Review. <i>Nutrients</i> , 2019 , 11,	6.7	21
44	New cytotoxic constituents from the Red Sea soft coral <i>Nephthea</i> sp. <i>Natural Product Research</i> , 2016 , 30, 1266-72	2.3	20
43	Cytotoxicity of 40 Egyptian plant extracts targeting mechanisms of drug-resistant cancer cells. <i>Phytomedicine</i> , 2019 , 59, 152771	6.5	20
42	Essential Oil of : Comparative Chemical Profiles, Antimicrobial Activity, and Allelopathic Potential on Weeds. <i>Molecules</i> , 2020 , 25,	4.8	19
41	Casbane Diterpenes from Red Sea Coral <i>Sinularia polydactyla</i> . <i>Molecules</i> , 2016 , 21, 308	4.8	19

40	Phytotoxic and Antimicrobial Activities of and Essential Oils Extracted Using Hydrodistillation and Microwave-Assisted Techniques. <i>Plants</i> , 2020 , 9,	4.5	18
39	Comparative chemical study and antimicrobial activity of essential oils of three Artemisia species from Egypt and Saudi Arabia. <i>Flavour and Fragrance Journal</i> , 2019 , 34, 450-459	2.5	17
38	Antiulcer activity of <i>Cyperus alternifolius</i> in relation to its UPLC-MS metabolite fingerprint: A mechanistic study. <i>Phytomedicine</i> , 2019 , 62, 152970	6.5	16
37	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
36	Antimicrobial sesquiterpene lactones from <i>Artemisia sieberi</i> . <i>Journal of Asian Natural Products Research</i> , 2017 , 19, 1093-1101	1.5	13
35	Blue Biotechnology: Computational Screening of Cembranoid Diterpenes for SARS-CoV-2 Main Protease Inhibition. <i>Marine Drugs</i> , 2021 , 19,	6	12
34	Phytochemical constituents and chemosystematic significance of <i>Pulicaria jaubertii</i> E.Gamal-Eldin (Asteraceae). <i>Phytochemistry Letters</i> , 2018 , 24, 105-109	1.9	11
33	Sarcoehrenbergilides D-F: cytotoxic cembrene diterpenoids from the soft coral .. <i>RSC Advances</i> , 2019 , 9, 27183-27189	3.7	10
32	The natural compound chrysosplenol-D is a novel, ultrasensitive optical sensor for detection of Cu(II). <i>Journal of Molecular Liquids</i> , 2020 , 302, 112558	6	10
31	Chemical and biological profile of <i>Cespitularia</i> species: A mini review. <i>Journal of Advanced Research</i> , 2016 , 7, 209-24	13	10
30	Euphosantianane E-G: Three New Premyrsinane Type Diterpenoids from with Contribution to Chemotaxonomy. <i>Molecules</i> , 2019 , 24,	4.8	10
29	UPLC-qTOF-MS Phytochemical Profile and Antiulcer Potential of Rottb. Alcoholic Extract. <i>Molecules</i> , 2020 , 25,	4.8	10
28	Rumpictuside A: Unusual 9,10-anthraquinone glucoside from <i>Rumex pictus</i> Forssk. <i>Carbohydrate Research</i> , 2017 , 448, 74-78	2.9	9
27	Anti-inflammatory sesquiterpenes from the medicinal herb <i>Tanacetum sinaicum</i> . <i>RSC Advances</i> , 2015 , 5, 44895-44901	3.7	9
26	Triterpenes from <i>Euphorbia rigida</i> . <i>Pharmacognosy Research (discontinued)</i> , 2010 , 2, 159-62	0.7	9
25	Efficacy of extracts and iridoid glucosides from <i>Pentas lanceolata</i> on humoral and cell-mediated immune response of viral vaccine. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2196-2204	2.2	8
24	Phenolics from <i>Tanacetum sinaicum</i> (Fresen.) Delile ex Bremer & Humphries (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2016 , 65, 143-146	1.4	8
23	Potency of extracts from selected Egyptian plants as inducers of the Nrf2-dependent chemopreventive enzyme NQO1. <i>Journal of Natural Medicines</i> , 2016 , 70, 683-8	3.3	8

22	Lobophylins F-H: three new cembrene diterpenoids from soft coral <i>Lobophytum crassum</i> . <i>Journal of Asian Natural Products Research</i> , 2017 , 19, 201-207	1.5	6
21	Guaianolide Sesquiterpene Lactones from. <i>Molecules</i> , 2021 , 26,	4.8	6
20	Novel chemical sensor for detection Ca(II) ions based on ferutinin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 264-268	4.4	5
19	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
18	Comparative Study on the Essential Oils from Five Wild Egyptian Species: Effective Extraction Techniques, Antimicrobial Activity and In-Silico Analyses. <i>Antibiotics</i> , 2021 , 10,	4.9	5
17	Chemical Composition, Allelopathic, Antioxidant, and Anti-Inflammatory Activities of Sesquiterpenes Rich Essential Oil of <i>Barratte & Murb</i> . <i>Plants</i> , 2021 , 10,	4.5	5
16	Cytotoxic and chemotaxonomic study of isolated metabolites from <i>Centaurea aegyptiaca</i> . <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 159-168	1.5	5
15	New antimicrobial metabolites from the medicinal herb. <i>Natural Product Research</i> , 2021 , 35, 1959-1967	2.3	5
14	Extraction development for antimicrobial and phytotoxic essential oils from asteraceae species: <i>Achillea fragrantissima</i> , <i>Artemisia judaica</i> and <i>Tanacetum sinaicum</i> . <i>Flavour and Fragrance Journal</i> , 2021 , 36, 352-364	2.5	5
13	New phenolics, cytotoxicity and chemosystematic significance of <i>Atriplex semibaccata</i> . <i>Phytochemistry Letters</i> , 2019 , 34, 74-78	1.9	4
12	Dissecting coffee seeds metabolome in context of genotype, roasting degree, and blending in the Middle East using NMR and GC/MS techniques. <i>Food Chemistry</i> , 2021 , 373, 131452	8.5	4
11	Gastroprotective effects of ursolic acid isolated from <i>Ochrosia elliptica</i> on ethanol-induced gastric ulcer in rats. <i>Medicinal Chemistry Research</i> , 2020 , 29, 113-125	2.2	4
10	Cytotoxic polyoxygenated isopimarane diterpenoids from the edible rhizomes of <i>Kaempferia galanga</i> (kencur). <i>Industrial Crops and Products</i> , 2020 , 158, 112965	5.9	4
9	Carotane sesquiterpenes from : analysis as SARS-CoV-2 binding inhibitors.. <i>RSC Advances</i> , 2020 , 10, 34541-34548	3.7	4
8	Two novel oxetane containing lignans and a new megastigmane from and analysis of them as prospective SARS-CoV-2 inhibitors.. <i>RSC Advances</i> , 2021 , 11, 20151-20163	3.7	4
7	Cytotoxic neo-clerodane diterpenes from <i>Stachys aegyptiaca</i> . <i>Phytochemistry Letters</i> , 2018 , 28, 32-36	1.9	4
6	Anti-inflammatory and antioxidant effects of nanoformulations composed of metal-organic frameworks delivering rutin and/or piperine natural agents. <i>Drug Delivery</i> , 2021 , 28, 1478-1495	7	3
5	Paralemnolins X and Y, New Antimicrobial Sesquiterpenoids from the Soft Coral. <i>Antibiotics</i> , 2021 , 10,	4.9	2

4	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
3	Gastroprotection against Rat Ulcers by Sterol Derivative. <i>Biomolecules</i> , 2021 , 11,	5.9	1
2	Two new diterpenoids from kencur (<i>Kaempferia galanga</i>): Structure elucidation and chemosystematic significance. <i>Phytochemistry Letters</i> , 2021 , 44, 185-189	1.9	0
1	Plant cell cultures: An enzymatic tool for polyphenolic and flavonoid transformations.. <i>Phytomedicine</i> , 2022 , 100, 154019	6.5	0