Ahmed M Metwaly

List of Publications by Year
in descending order

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68 papers	2,084 citations	201674 27 h-index	243625 44 g-index
72 all docs	72 docs citations	72 times ranked	940 citing authors

#	Article	IF	Citations
1	Expression, Purification, and Comparative Inhibition of Helicobacter pylori Urease by Regio-Selectively Alkylated Benzimidazole 2-Thione Derivatives. Molecules, 2022, 27, 865.	3.8	18
2	Isolation and In Silico Anti-SARS-CoV-2 Papain-Like Protease Potentialities of Two Rare 2-Phenoxychromone Derivatives from Artemisia spp.. Molecules, 2022, 27, 1216.	3.8	27
3	Isolation and in silico SARS-CoV-2 main protease inhibition potential of chrysoeriol from Chondrilla brevirostris Fisch. & C.A. Mey.. Bulletin of the Karaganda University Chemistry Series, 2022, 105, 78-85.	0.5	0
4	Ligand and Structure-Based In Silico Determination of the Most Promising SARS-CoV-2 nsp16-nsp10 2â€²-o-Methyltransferase Complex Inhibitors among 3009 FDA Approved Drugs. Molecules, 2022, 27, 2287.	3.8	34
5	Isolation and In Silico SARS-CoV-2 Main Protease Inhibition Potential of Jusan Coumarin, a New Dicoumarin from Artemisia glauca. Molecules, 2022, 27, 2281.	3.8	16
6	Jusanin, a New Flavonoid from Artemisia commutata with an In Silico Inhibitory Potential against the SARS-CoV-2 Main Protease. Molecules, 2022, 27, 1636.	3.8	23
7	Multi-Phase In Silico Discovery of Potential SARS-CoV-2 RNA-Dependent RNA Polymerase Inhibitors among 3009 Clinical and FDA-Approved Related Drugs. Processes, 2022, 10, 530.	2.8	29
8	Identification of new pyrazolyl piperidine molecules as factor Xa inhibitors: Design, synthesis, in silico, and biological evaluation. Results in Chemistry, 2022, 4, 100355.	2.0	4
9	Discovery of new nicotinamides as apoptotic VEGFR-2 inhibitors: virtual screening, synthesis, anti-proliferative, immunomodulatory, ADMET, toxicity, and molecular dynamic simulation studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1389-1403.	5.2	28
10	Multi-Step In Silico Discovery of Natural Drugs against COVID-19 Targeting Main Protease. International Journal of Molecular Sciences, 2022, 23, 6912.	4.1	43
11	Design, Synthesis, In Silico and In Vitro Studies of New Immunomodulatory Anticancer Nicotinamide Derivatives Targeting VEGFR-2. Molecules, 2022, 27, 4079.	3.8	10
12	Combined In Silico and Experimental Investigations of Resveratrol Encapsulation by Beta-Cyclodextrin. Plants, 2022, 11, 1678.	3.5	6
13	Design, synthesis, and anti-cancer evaluation of new pyrido[2,3-d]pyrimidin-4(3H)-one derivatives as potential EGFRWT and EGFRT790M inhibitors and apoptosis inducers. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1053-1076.	5.2	16
14	Design and synthesis of thiazolidine-2,4-diones hybrids with 1,2-dihydroquinolones and 2-oxindoles as potential VEGFR-2 inhibitors: in-vitro anticancer evaluation and in-silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1903-1917.	5.2	64
15	The Assessment of Anticancer and VEGFR-2 Inhibitory Activities of a New 1H-Indole Derivative: In Silico and In Vitro Approaches. Processes, 2022, 10, 1391.	2.8	36
16	Design, molecular docking, in vitro, and in vivo studies of new quinazolin-4(3H)-ones as VEGFR-2 inhibitors with potential activity against hepatocellular carcinoma. Bioorganic Chemistry, 2021, 107, 104532.	4.1	60
17	Design, synthesis, and anti-proliferative evaluation of new quinazolin-4(3H)-ones as potential VEGFR-2 inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115872.	3.0	57
18	New quinoxaline-2(1H)-ones as potential VEGFR-2 inhibitors: design, synthesis, molecular docking, ADMET profile and anti-proliferative evaluations. New Journal of Chemistry, 2021, 45, 16949-16964.	2.8	53

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19	Biological and chemical evaluation of some African plants belonging to Kalanchoe species: Antitrypanosomal, cytotoxic, antitopoisomerase I activities and chemical profiling using ultra-performance liquid chromatography/quadrupole-time-of-flight mass spectrometer. Pharmacognosy Magazine, 2021, 17, 6.	0.6	15
20	New combination approaches to combat methicillin-resistant Staphylococcus aureus (MRSA). Scientific Reports, 2021, 11, 4240.	3.3	43
21	Comprehensive Virtual Screening of the Antiviral Potentialities of Marine Polycyclic Guanidine Alkaloids against SARS-CoV-2 (COVID-19). Biomolecules, 2021, 11, 460.	4.0	65
22	In Vitro and In Silico Cytotoxic and Antibacterial Activities of a Diterpene from Cousinia alata Schrenk. Journal of Chemistry, 2021, 2021, 1-11.	1.9	23
23	Synthesis and Molecular Docking of Some Grossgemin Amino Derivatives as Tubulin Inhibitors Targeting Colchicine Binding Site. Journal of Chemistry, 2021, 2021, 1-10.	1.9	15
24	Molecular Docking and Dynamics Simulation Revealed the Potential Inhibitory Activity of ACEIs Against SARS-CoV-2 Targeting the hACE2 Receptor. Frontiers in Chemistry, 2021, 9, 661230.	3.6	122
25	Isolation and In Silico Anti-COVID-19 Main Protease (Mpro) Activities of Flavonoids and a Sesquiterpene Lactone from Artemisia sublessingiana. Journal of Chemistry, 2021, 2021, 1-8.	1.9	22
26	In Silico Studies of Some Isoflavonoids as Potential Candidates against COVID-19 Targeting Human ACE2 (hACE2) and Viral Main Protease (Mpro). Molecules, 2021, 26, 2806.	3.8	46
27	Comprehensive In Silico Screening of the Antiviral Potentialities of a New Humulene Glucoside from Asteriscus hierochunticus against SARS-CoV-2. Journal of Chemistry, 2021, 2021, 1-14.	1.9	13
28	Isolation, Crystal Structure, and In Silico Aromatase Inhibition Activity of Ergosta-5, 22-dien-3Î²-ol from the Fungus Gyromitra esculenta. Journal of Chemistry, 2021, 2021, 1-10.	1.9	16
29	Antimicrobial Susceptibility of Pseudomonas aeruginosa Isolated from Hospital Environment. Abasyn Journal of Life Sciences, 2021, , 40-50.	0.1	0
30	Discovery of new quinoxaline-2(1H)-one-based anticancer agents targeting VEGFR-2 as inhibitors: Design, synthesis, and anti-proliferative evaluation. Bioorganic Chemistry, 2021, 114, 105105.	4.1	59
31	Anticancer activity, spectroscopic and molecular docking of some new synthesized sugar hydrazones, Arylidene and Î±-Aminophosphonate derivatives. Arabian Journal of Chemistry, 2021, 14, 103348.	4.9	26
32	Traditional ancient Egyptian medicine: A review. Saudi Journal of Biological Sciences, 2021, 28, 5823-5832.	3.8	61
33	Discovery of new anticancer thiourea-azetidine hybrids: design, synthesis, in vitro antiproliferative, SAR, in silico molecular docking against VEGFR-2, ADMET, toxicity, and DFT studies. Bioorganic Chemistry, 2021, 115, 105206.	4.1	59
34	Molecular docking and dynamics simulations reveal the potential of anti-HCV drugs to inhibit COVID-19 main protease. Pharmaceutical Sciences, 2021, , .	0.2	24
35	In Silico Exploration of Potential Natural Inhibitors against SARS-Cov-2 nsp10. Molecules, 2021, 26, 6151.	3.8	45
36	In Silico Screening of Semi-Synthesized Compounds as Potential Inhibitors for SARS-CoV-2 Papain-like Protease: Pharmacophoric Features, Molecular Docking, ADMET, Toxicity and DFT Studies. Molecules, 2021, 26, 6593.	3.8	35

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37	Assessment of Phenolic and Flavonoid Content of Six Jatropha plants Cultivated in Egypt and Evaluation their Anti-inflammatory and Antioxidant Properties. Azhar International Journal of Pharmaceutical and Medical Sciences, 2021, .	0.3	1
38	Design, synthesis, molecular modeling, in vivo studies and anticancer evaluation of quinazolin-4(3H)-one derivatives as potential VEGFR-2 inhibitors and apoptosis inducers. Bioorganic Chemistry, 2020, 94, 103422.	4.1	109
39	Discovery of new quinazolin-4(3H)-ones as VEGFR-2 inhibitors: Design, synthesis, and anti-proliferative evaluation. Bioorganic Chemistry, 2020, 105, 104380.	4.1	60
40	Chemical Constituents ofTagetes patulaand Their Neuroprotecting Action. Natural Product Communications, 2020, 15, 1934578X2097450.	0.5	8
41	Therapeutic implications of Câ€reactive protein and uric acid in patients with psoriasis before and after narrow band ultraviolet B therapy. Dermatologic Therapy, 2020, 33, e13823.	1.7	0
42	Design, synthesis, molecular modeling, in vivo studies and anticancer activity evaluation of new phthalazine derivatives as potential DNA intercalators and topoisomerase II inhibitors. Bioorganic Chemistry, 2020, 103, 104233.	4.1	47
43	Essential oil of Pulicaria vulgaris (prostrata) and its biological activity. Bulletin of the Karaganda University Chemistry Series, 2020, 99, 44-50.	0.5	0
44	Isolation and biological evaluation of roseofungin and its cyclodextrin inclusion complexes. Bulletin of the Karaganda University Chemistry Series, 2020, 100, 35-44.	0.5	0
45	Chemical Constituents of Stems and Leaves of Tagetespatula L. and Its Fingerprint. Molecules, 2019, 24, 3911.	3.8	24
46	Discovery and antiproliferative evaluation of new quinoxalines as potential DNA intercalators and topoisomerase II inhibitors. Archiv Der Pharmazie, 2019, 352, e1900123.	4.1	54
47	The Chinese herbal formulae (Yitangkang) exerts an antidiabetic effect through the regulation of substance metabolism and energy metabolism in type 2 diabetic rats. Journal of Ethnopharmacology, 2019, 239, 111942.	4.1	39
48	Black Ginseng and Its Saponins: Preparation, Phytochemistry and Pharmacological Effects. Molecules, 2019, 24, 1856.	3.8	92
49	COMPARATIVE BIOLOGICAL EVALUATION OF FOUR ENDOPHYTIC FUNGI ISOLATED FROM NIGELLA SATIVA SEEDS. Al-Azhar Journal of Pharmaceutical Sciences, 2019, 59, 123-136.	0.3	13
50	COMPARATIVE BIOLOGICAL EVALUATION OF SIX ENDOPHYTIC FUNGI ISOLATED FROM VINCA ROSEA LEAVES. Al-Azhar Journal of Pharmaceutical Sciences, 2019, 59, 137-151.	0.3	1
51	Biological evaluation and molecular docking study of metabolites from Salvadora Persica L. Growing in Egypt. Pharmacognosy Magazine, 2019, 15, 232.	0.6	19
52	Design, synthesis, molecular modeling and anti-proliferative evaluation of novel quinoxaline derivatives as potential DNA intercalators and topoisomerase II inhibitors. European Journal of Medicinal Chemistry, 2018, 155, 117-134.	5.5	89
53	Design, synthesis, molecular modeling and anti-hyperglycemic evaluation of novel quinoxaline derivatives as potential PPARÎ³ and SUR agonists. Bioorganic and Medicinal Chemistry, 2017, 25, 1496-1513.	3.0	57
54	Induction of Apoptosis in Human Cancer Cells Through Extrinsic and Intrinsic Pathways by Balanites aegyptiaca Furostanol Saponins and Saponin-Coated SilverNanoparticles. Applied Biochemistry and Biotechnology, 2017, 182, 1675-1693.	2.9	42

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55	New Î±-Pyrone derivatives from the endophytic fungus Embellisia sp. Medicinal Chemistry Research, 2017, 26, 1796-1800.	2.4	24
56	Design, synthesis, molecular modeling and anti-hyperglycemic evaluation of quinazolin-4(3H)-one derivatives as potential PPARÎ³ and SUR agonists. Bioorganic and Medicinal Chemistry, 2017, 25, 4723-4744.	3.0	72
57	Antifungal prenylated isoflavonoids from Maclura aurantiaca. Planta Medica, 2015, 81, .	1.3	1
58	Nigrosphaerin A a new isochromene derivative from the endophytic fungus Nigrospora sphaerica. Phytochemistry Letters, 2014, 7, 1-5.	1.2	63
59	Antileukemic Î±-pyrone derivatives from the endophytic fungus Alternaria phragmospora. Tetrahedron Letters, 2014, 55, 3478-3481.	1.4	40
60	New and antioxicant secondary metabolites from the endophytic fungus Nigrospora sphaerica. Planta Medica, 2014, 80, .	1.3	1
61	Antileukemic and cytoxic screening for some endophytic fungi isolated from Egyptian plants. Planta Medica, 2014, 80, .	1.3	1
62	New antimalarial benzopyran derivatives from the endophytic fungus Alternaria phragmospora. Planta Medica, 2014, 80, .	1.3	7
63	Synthesis, structure and biological activity of Napthyloxypropargyl piperidines. Planta Medica, 2014, 80, .	1.3	0
64	Synthesis, structure-activity relationships of some aromatic oxybutynyl amine derivatives. Planta Medica, 2014, 80, .	1.3	0
65	Antimalarial Screening for Different Endophytic Fungi Isolated from two Egyptian Plants. Planta Medica, 2013, 79, .	1.3	0
66	Antileukemic, Antileishmanial and Antifungal Activities of Secondary Metabolites from the Endophytic Fungus Nigrospora sphaerica. Planta Medica, 2013, 79, .	1.3	2
67	New Secondary Metabolites from the Endophytic Fungus Alternaria phragmospora. Planta Medica, 2013, 79, .	1.3	0
68	Antileishmanial Derivatives of Humulene from Asteriscus hierochunticus with in silico Tubulin Inhibition Potential. Records of Natural Products, 0, , 150-171.	1.3	3