

Ahmed M Metwaly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1708701/publications.pdf>

Version: 2024-02-01

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	Molecular Docking and Dynamics Simulation Revealed the Potential Inhibitory Activity of ACEIs Against SARS-CoV-2 Targeting the hACE2 Receptor. <i>Frontiers in Chemistry</i> , 2021, 9, 661230.	3.6	122
2	Design, synthesis, molecular modeling, in vivo studies and anticancer evaluation of quinazolin-4(3H)-one derivatives as potential VEGFR-2 inhibitors and apoptosis inducers. <i>Bioorganic Chemistry</i> , 2020, 94, 103422.	4.1	109
3	Black Ginseng and Its Saponins: Preparation, Phytochemistry and Pharmacological Effects. <i>Molecules</i> , 2019, 24, 1856.	3.8	92
4	Design, synthesis, molecular modeling and anti-proliferative evaluation of novel quinoxaline derivatives as potential DNA intercalators and topoisomerase II inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 117-134.	5.5	89
5	Design, synthesis, molecular modeling and anti-hyperglycemic evaluation of quinazolin-4(3H)-one derivatives as potential PPAR α and SUR agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4723-4744.	3.0	72
6	Comprehensive Virtual Screening of the Antiviral Potentialities of Marine Polycyclic Guanidine Alkaloids against SARS-CoV-2 (COVID-19). <i>Biomolecules</i> , 2021, 11, 460.	4.0	65
7	Design and synthesis of thiazolidine-2,4-diones hybrids with 1,2-dihydroquinolones and 2-oxindoles as potential VEGFR-2 inhibitors: <i>in-vitro</i> anticancer evaluation and <i>in-silico</i> studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1903-1917.	5.2	64
8	Nigrosphaerin A a new isochromene derivative from the endophytic fungus <i>Nigrospora sphaerica</i> . <i>Phytochemistry Letters</i> , 2014, 7, 1-5.	1.2	63
9	Traditional ancient Egyptian medicine: A review. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5823-5832.	3.8	61
10	Discovery of new quinazolin-4(3H)-ones as VEGFR-2 inhibitors: Design, synthesis, and anti-proliferative evaluation. <i>Bioorganic Chemistry</i> , 2020, 105, 104380.	4.1	60
11	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. <i>Bioorganic Chemistry</i> , 2021, 107, 104532.	4.1	60
12	Discovery of new quinoxaline-2(1H)-one-based anticancer agents targeting VEGFR-2 as inhibitors: Design, synthesis, and anti-proliferative evaluation. <i>Bioorganic Chemistry</i> , 2021, 114, 105105.	4.1	59
13	Discovery of new anticancer thiourea-azetidone hybrids: design, synthesis, in vitro antiproliferative, SAR, in silico molecular docking against VEGFR-2, ADMET, toxicity, and DFT studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105206.	4.1	59
14	Design, synthesis, molecular modeling and anti-hyperglycemic evaluation of novel quinoxaline derivatives as potential PPAR α and SUR agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1496-1513.	3.0	57
15	Design, synthesis, and anti-proliferative evaluation of new quinazolin-4(3H)-ones as potential VEGFR-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115872.	3.0	57
16	Discovery and antiproliferative evaluation of new quinoxalines as potential DNA intercalators and topoisomerase II inhibitors. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900123.	4.1	54
17	New quinoxaline-2(1 <i>H</i>)-ones as potential VEGFR-2 inhibitors: design, synthesis, molecular docking, ADMET profile and anti-proliferative evaluations. <i>New Journal of Chemistry</i> , 2021, 45, 16949-16964.	2.8	53
18	Design, synthesis, molecular modeling, in vivo studies and anticancer activity evaluation of new phthalazine derivatives as potential DNA intercalators and topoisomerase II inhibitors. <i>Bioorganic Chemistry</i> , 2020, 103, 104233.	4.1	47

#	ARTICLE	IF	CITATIONS
19	In Silico Studies of Some Isoflavonoids as Potential Candidates against COVID-19 Targeting Human ACE2 (hACE2) and Viral Main Protease (Mpro). <i>Molecules</i> , 2021, 26, 2806.	3.8	46
20	In Silico Exploration of Potential Natural Inhibitors against SARS-Cov-2 nsp10. <i>Molecules</i> , 2021, 26, 6151.	3.8	45
21	New combination approaches to combat methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Scientific Reports</i> , 2021, 11, 4240.	3.3	43
22	Multi-Step In Silico Discovery of Natural Drugs against COVID-19 Targeting Main Protease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6912.	4.1	43
23	Induction of Apoptosis in Human Cancer Cells Through Extrinsic and Intrinsic Pathways by <i>Balanites aegyptiaca</i> Furostanol Saponins and Saponin-Coated SilverNanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1675-1693.	2.9	42
24	Antileukemic $\hat{\pm}$ -pyrone derivatives from the endophytic fungus <i>Alternaria phragmospora</i> . <i>Tetrahedron Letters</i> , 2014, 55, 3478-3481.	1.4	40
25	The Chinese herbal formulae (Yitangkang) exerts an antidiabetic effect through the regulation of substance metabolism and energy metabolism in type 2 diabetic rats. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111942.	4.1	39
26	The Assessment of Anticancer and VEGFR-2 Inhibitory Activities of a New 1H-Indole Derivative: In Silico and In Vitro Approaches. <i>Processes</i> , 2022, 10, 1391.	2.8	36
27	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. <i>Molecules</i> , 2021, 26, 6593.	3.8	35
28	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. <i>Molecules</i> , 2022, 27, 2287.	3.8	34
29	Multi-Phase In Silico Discovery of Potential SARS-CoV-2 RNA-Dependent RNA Polymerase Inhibitors among 3009 Clinical and FDA-Approved Related Drugs. <i>Processes</i> , 2022, 10, 530.	2.8	29
30	Discovery of new nicotinamides as apoptotic VEGFR-2 inhibitors: virtual screening, synthesis, anti-proliferative, immunomodulatory, ADMET, toxicity, and molecular dynamic simulation studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1389-1403.	5.2	28
31	Isolation and In Silico Anti-SARS-CoV-2 Papain-Like Protease Potentialities of Two Rare 2-Phenoxychromone Derivatives from <i>Artemisia</i> spp.. <i>Molecules</i> , 2022, 27, 1216.	3.8	27
32	Anticancer activity, spectroscopic and molecular docking of some new synthesized sugar hydrazones, Arylidene and $\hat{\pm}$ -Aminophosphonate derivatives. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103348.	4.9	26
33	New $\hat{\pm}$ -Pyrone derivatives from the endophytic fungus <i>Embellisia</i> sp. <i>Medicinal Chemistry Research</i> , 2017, 26, 1796-1800.	2.4	24
34	Chemical Constituents of Stems and Leaves of <i>Tagetespatula</i> L. and Its Fingerprint. <i>Molecules</i> , 2019, 24, 3911.	3.8	24
35	Molecular docking and dynamics simulations reveal the potential of anti-HCV drugs to inhibit COVID-19 main protease. <i>Pharmaceutical Sciences</i> , 2021, , .	0.2	24
36	In Vitro and In Silico Cytotoxic and Antibacterial Activities of a Diterpene from <i>Cousinia alata</i> Schrenk. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	23

#	ARTICLE	IF	CITATIONS
37	Jusanin, a New Flavonoid from <i>Artemisia commutata</i> with an In Silico Inhibitory Potential against the SARS-CoV-2 Main Protease. <i>Molecules</i> , 2022, 27, 1636.	3.8	23
38	Isolation and In Silico Anti-COVID-19 Main Protease (Mpro) Activities of Flavonoids and a Sesquiterpene Lactone from <i>Artemisia sublessingiana</i> . <i>Journal of Chemistry</i> , 2021, 2021, 1-8.	1.9	22
39	Biological evaluation and molecular docking study of metabolites from <i>Salvadora Persica L.</i> Growing in Egypt. <i>Pharmacognosy Magazine</i> , 2019, 15, 232.	0.6	19
40	Expression, Purification, and Comparative Inhibition of <i>Helicobacter pylori</i> Urease by Regio-Selectively Alkylated Benzimidazole 2-Thione Derivatives. <i>Molecules</i> , 2022, 27, 865.	3.8	18
41	Isolation, Crystal Structure, and In Silico Aromatase Inhibition Activity of Ergosta-5, 22-dien-3 β -ol from the Fungus <i>Gyromitra esculenta</i> . <i>Journal of Chemistry</i> , 2021, 2021, 1-10.	1.9	16
42	Isolation and In Silico SARS-CoV-2 Main Protease Inhibition Potential of Jusan Coumarin, a New Dicumarin from <i>Artemisia glauca</i> . <i>Molecules</i> , 2022, 27, 2281.	3.8	16
43	Design, synthesis, and anti-cancer evaluation of new pyrido[2,3-d]pyrimidin-4(3H)-one derivatives as potential EGFRWT and EGFR790M inhibitors and apoptosis inducers. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1053-1076.	5.2	16
44	Biological and chemical evaluation of some African plants belonging to <i>Kalanchoe</i> species: Antitrypanosomal, cytotoxic, antitopoisomerase I activities and chemical profiling using ultra-performance liquid chromatography/quadrupole-time-of-flight mass spectrometer. <i>Pharmacognosy Magazine</i> , 2021, 17, 6.	0.6	15
45	Synthesis and Molecular Docking of Some Grossgemin Amino Derivatives as Tubulin Inhibitors Targeting Colchicine Binding Site. <i>Journal of Chemistry</i> , 2021, 2021, 1-10.	1.9	15
46	Comprehensive In Silico Screening of the Antiviral Potentialities of a New Humulene Glucoside from <i>Asteriscus hierochunticus</i> against SARS-CoV-2. <i>Journal of Chemistry</i> , 2021, 2021, 1-14.	1.9	13
47	COMPARATIVE BIOLOGICAL EVALUATION OF FOUR ENDOPHYTIC FUNGI ISOLATED FROM NIGELLA SATIVA SEEDS. <i>Al-Azhar Journal of Pharmaceutical Sciences</i> , 2019, 59, 123-136.	0.3	13
48	Design, Synthesis, In Silico and In Vitro Studies of New Immunomodulatory Anticancer Nicotinamide Derivatives Targeting VEGFR-2. <i>Molecules</i> , 2022, 27, 4079.	3.8	10
49	Chemical Constituents of <i>Tagetes patula</i> and Their Neuroprotecting Action. <i>Natural Product Communications</i> , 2020, 15, 1934578X2097450.	0.5	8
50	New antimalarial benzopyran derivatives from the endophytic fungus <i>Alternaria phragmospora</i> . <i>Planta Medica</i> , 2014, 80, .	1.3	7
51	Combined In Silico and Experimental Investigations of Resveratrol Encapsulation by Beta-Cyclodextrin. <i>Plants</i> , 2022, 11, 1678.	3.5	6
52	Identification of new pyrazolyl piperidine molecules as factor Xa inhibitors: Design, synthesis, in silico, and biological evaluation. <i>Results in Chemistry</i> , 2022, 4, 100355.	2.0	4
53	Antileishmanial Derivatives of Humulene from <i>Asteriscus hierochunticus</i> with in silico Tubulin Inhibition Potential. <i>Records of Natural Products</i> , 0, , 150-171.	1.3	3
54	Antileukemic, Antileishmanial and Antifungal Activities of Secondary Metabolites from the Endophytic Fungus <i>Nigrospora sphaerica</i> . <i>Planta Medica</i> , 2013, 79, .	1.3	2

#	ARTICLE	IF	CITATIONS
55	New and antioxidant secondary metabolites from the endophytic fungus <i>Nigrospora sphaerica</i> . <i>Planta Medica</i> , 2014, 80, .	1.3	1
56	Antileukemic and cytotoxic screening for some endophytic fungi isolated from Egyptian plants. <i>Planta Medica</i> , 2014, 80, .	1.3	1
57	Antifungal prenylated isoflavonoids from <i>Maclura aurantiaca</i> . <i>Planta Medica</i> , 2015, 81, .	1.3	1
58	COMPARATIVE BIOLOGICAL EVALUATION OF SIX ENDOPHYTIC FUNGI ISOLATED FROM <i>VINCA ROSEA</i> LEAVES. <i>Al-Azhar Journal of Pharmaceutical Sciences</i> , 2019, 59, 137-151.	0.3	1
59	Assessment of Phenolic and Flavonoid Content of Six <i>Jatropha</i> plants Cultivated in Egypt and Evaluation their Anti-inflammatory and Antioxidant Properties. <i>Azhar International Journal of Pharmaceutical and Medical Sciences</i> , 2021, .	0.3	1
60	Therapeutic implications of C-reactive protein and uric acid in patients with psoriasis before and after narrow band ultraviolet B therapy. <i>Dermatologic Therapy</i> , 2020, 33, e13823.	1.7	0
61	Antimicrobial Susceptibility of <i>Pseudomonas aeruginosa</i> Isolated from Hospital Environment. <i>Abasyn Journal of Life Sciences</i> , 2021, , 40-50.	0.1	0
62	Antimalarial Screening for Different Endophytic Fungi Isolated from two Egyptian Plants. <i>Planta Medica</i> , 2013, 79, .	1.3	0
63	New Secondary Metabolites from the Endophytic Fungus <i>Alternaria phragmospora</i> . <i>Planta Medica</i> , 2013, 79, .	1.3	0
64	Synthesis, structure and biological activity of Naphthoxypropargyl piperidines. <i>Planta Medica</i> , 2014, 80, .	1.3	0
65	Synthesis, structure-activity relationships of some aromatic oxybutynyl amine derivatives. <i>Planta Medica</i> , 2014, 80, .	1.3	0
66	Essential oil of <i>Pulicaria vulgaris</i> (prostrata) and its biological activity. <i>Bulletin of the Karaganda University Chemistry Series</i> , 2020, 99, 44-50.	0.5	0
67	Isolation and biological evaluation of roseofungin and its cyclodextrin inclusion complexes. <i>Bulletin of the Karaganda University Chemistry Series</i> , 2020, 100, 35-44.	0.5	0
68	Isolation and in silico SARS-CoV-2 main protease inhibition potential of chrysoeriol from <i>Chondrilla brevirostris</i> Fisch. & C.A. Mey.. <i>Bulletin of the Karaganda University Chemistry Series</i> , 2022, 105, 78-85.	0.5	0