

Mohamed S Nafie

List of Publications by Year in descending order

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47
papers

1,038
citations

430754

18
h-index

454834

30
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49
all docs

49
docs citations

49
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxic, apoptotic activities and chemical profiling of dimorphic forms of Egyptian halophyte <i>Cakile maritima</i> scop.. Journal of Biomolecular Structure and Dynamics, 2023, 41, 147-160.	2.0	3
2	Novel bis-amide-based bis-thiazoles as Anti-colorectal Cancer Agents Through Bcl-2 Inhibition: Synthesis, In Vitro, and In Vivo studies. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, 328-345.	0.9	8
3	Cytotoxicity, <i>in silico</i> predictions and molecular studies for androstane heterocycle compounds revealed potential antitumor agent against lung cancer cells. Journal of Biomolecular Structure and Dynamics, 2022, 40, 4352-4365.	2.0	11
4	Chemical profiling, cytotoxic activities through apoptosis induction in MCF-7 cells and molecular docking of <i>Phyllostachys heterocycla</i> bark nonpolar extract. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9636-9647.	2.0	5
5	Control of ER-positive breast cancer by ER α expression inhibition, apoptosis induction, cell cycle arrest using semisynthetic isoeugenol derivatives. Chemico-Biological Interactions, 2022, 351, 109753.	1.7	17
6	Design, synthesis, and computational explorations of novel 2-thiohydantoin nucleosides with cytotoxic activities. Journal of Heterocyclic Chemistry, 2022, 59, 664-685.	1.4	7
7	The design and synthesis of potent benzimidazole derivatives <i>via</i> scaffold hybridization and evaluating their antiproliferative and proapoptotic activity against breast and lung cancer cell lines. New Journal of Chemistry, 2022, 46, 4239-4256.	1.4	10
8	Exploration of novel VEGFR2 tyrosine kinase inhibitors via design and synthesis of new alkylated indolyl-triazole Schiff bases for targeting breast cancer. Bioorganic Chemistry, 2022, 122, 105708.	2.0	38
9	Evaluation of 2-Thioxoimidazolidin-4-one Derivatives as Potent Anti-Cancer Agents through Apoptosis Induction and Antioxidant Activation: In Vitro and In Vivo Approaches. Molecules, 2022, 27, 83.	1.7	14
10	Quinoline-based thiazolidinone derivatives as potent cytotoxic and apoptosis-inducing agents through EGFR inhibition. Chemical Biology and Drug Design, 2022, 99, 547-560.	1.5	19
11	Topo II inhibition and DNA intercalation by new phthalazine-based derivatives as potent anticancer agents: design, synthesis, anti-proliferative, docking, and <i>in vivo</i> studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 299-314.	2.5	47
12	In Vitro and In Vivo Studies of Anti-Lung Cancer Activity of Artemesia judaica L. Crude Extract Combined with LC-MS/MS Metabolic Profiling, Docking Simulation and HPLC-DAD Quantification. Antioxidants, 2022, 11, 17.	2.2	15
13	Comparative Assessment of the Antioxidant and Anticancer Activities of Plicosepalus acacia and Plicosepalus curviflorus: Metabolomic Profiling and In Silico Studies. Antioxidants, 2022, 11, 1249.	2.2	11
14	GC-MS/MS Quantification of EGFR Inhibitors, β -Sitosterol, Betulinic Acid, (+) Eriodictyol, (+) Epipinoresinol, and Secoisolariciresinol, in Crude Extract and Ethyl Acetate Fraction of Thonningia sanguinea. Molecules, 2022, 27, 4109.	1.7	4
15	Synthesis of Novel Phthalazinedione-Based Derivatives with Promising Cytotoxic, Anti-bacterial, and Molecular Docking Studies as VEGFR2 Inhibitors. ACS Omega, 2022, 7, 26800-26811.	1.6	6
16	Synthesis and Antiproliferative Activity of a New Series of Mono- and Bis(dimethylpyrazolyl)-s-triazine Derivatives Targeting EGFR/PI3K/AKT/mTOR Signaling Cascades. ACS Omega, 2022, 7, 24858-24870.	1.6	14
17	Design and synthesis of novel benzoazoninone derivatives as potential CBSIs and apoptotic inducers: In Vitro, in Vivo, molecular docking, molecular dynamics, and SAR studies. Bioorganic Chemistry, 2022, 127, 105995.	2.0	29
18	Association of VEGF Gene Family Variants with Central Macular Thickness and Visual Acuity after Aflibercept Short-Term Treatment in Diabetic Patients: A Pilot Study. Ophthalmic Research, 2021, 64, 261-272.	1.0	6

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19	Antimicrobial and antiproliferative activities of novel synthesized 6â€“(quinolinâ€“2â€“ylthio) pyridine derivatives with molecular docking study as multiâ€“targeted JAK2/STAT3 inhibitors. Chemical Biology and Drug Design, 2021, 97, 553-564.	1.5	25
20	New Antiproliferative Triflavanone from <i>Thymelaea hirsuta</i> â€”Isolation, Structure Elucidation and Molecular Docking Studies. Molecules, 2021, 26, 739.	1.7	7
21	Micromonospora species from rarely-exploited Egyptian habitats: chemical profile, antimicrobial, and antitumor activities through antioxidant property. Applied Microbiology and Biotechnology, 2021, 105, 2427-2439.	1.7	5
22	Synthesis and Cytotoxic Activity of Novel Metal Complexes Derived from Methyl-3-(4-chlorophenyl)-3-hydroxy-2,2-dimethylpropanoate as Potential CDK8 Kinase Inhibitors. ACS Omega, 2021, 6, 5244-5254.	1.6	6
23	Chemical Constituent Profiling of <i>Phyllostachys heterocycla</i> var. <i>Pubescens</i> with Selective Cytotoxic Polar Fraction through EGFR Inhibition in HepG2 Cells. Molecules, 2021, 26, 940.	1.7	9
24	Design, synthesis, DFT, molecular modelling studies and biological evaluation of novel 3-substituted (E)-5-(arylidene)-1-methyl-2-thioxoimidazolidin-4-ones with potent cytotoxic activities against breast MCF-7, liver HepG2, and lung A549. Journal of Molecular Structure, 2021, 1229, 129805.	1.8	13
25	Antitumor Activity of Nitazoxanide against Colon Cancers: Molecular Docking and Experimental Studies Based on Wnt/ β^2 -Catenin Signaling Inhibition. International Journal of Molecular Sciences, 2021, 22, 5213.	1.8	10
26	The Antioxidant <i>Carrichtera annua</i> DC. Ethanolic Extract Counteracts Cisplatin Triggered Hepatic and Renal Toxicities. Antioxidants, 2021, 10, 825.	2.2	10
27	Synthesis, molecular modeling, selective aldose reductase inhibition and hypoglycemic activity of novel meglitinides. Bioorganic Chemistry, 2021, 111, 104909.	2.0	12
28	Synthesis of new substituted pyridine derivatives as potent anti-liver cancer agents through apoptosis induction: In vitro, in vivo, and in silico integrated approaches. Bioorganic Chemistry, 2021, 111, 104877.	2.0	37
29	Novel Bis-Thiazole Derivatives: Synthesis and Potential Cytotoxic Activity Through Apoptosis With Molecular Docking Approaches. Frontiers in Chemistry, 2021, 9, 694870.	1.8	17
30	Design, synthesis and evaluation of new quinazolin-4-one derivatives as apoptotic enhancers and autophagy inhibitors with potent antitumor activity. European Journal of Medicinal Chemistry, 2021, 222, 113609.	2.6	37
31	<i>Thonningia</i> â€“sanguinea Extract: Antioxidant and Cytotoxic Activities Supported by Chemical Composition and Molecular Docking Simulations. Plants, 2021, 10, 2156.	1.6	6
32	<i>Rubia tinctorum</i> root extracts: chemical profile and management of type II diabetes mellitus. RSC Advances, 2020, 10, 24159-24168.	1.7	10
33	Synthesis, 3D-QSAR, and Molecular Modeling Studies of Triazole Bearing Compounds as a Promising Scaffold for Cyclooxygenase-2 Inhibition. Pharmaceuticals, 2020, 13, 370.	1.7	5
34	Discovery of novel pyrazolo[3,4-b]pyridine scaffold-based derivatives as potential PIM-1 kinase inhibitors in breast cancer MCF-7 cells. Bioorganic and Medicinal Chemistry, 2020, 28, 115828.	1.4	64
35	Chemical Profiling, Antioxidant, Cytotoxic Activities and Molecular Docking Simulation of <i>Carrichtera annua</i> DC. (Cruciferae). Antioxidants, 2020, 9, 1286.	2.2	33
36	Cytotoxic, Apoptosis-Inducing Activities, and Molecular Docking of a New Sterol from Bamboo Shoot Skin <i>Phyllostachys heterocycla</i> var. <i>pubescens</i> . Molecules, 2020, 25, 5650.	1.7	7

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37	Molecular Insights into Human Transmembrane Protease Serine-2 (TMPS2) Inhibitors against SARS-CoV2: Homology Modelling, Molecular Dynamics, and Docking Studies. <i>Molecules</i> , 2020, 25, 5007.	1.7	28
38	Design, synthesis and antiproliferative activity of new amine, amino acid and dipeptide-coupled benzamides as potential sigma-1 receptor. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2515-2532.	1.2	19
39	Discovery of hydrazide-based pyridazino[4,5-b]indole scaffold as a new phosphoinositide 3-kinase (PI3K) inhibitor for breast cancer therapy. <i>RSC Advances</i> , 2020, 10, 19534-19541.	1.7	28
40	Discovery of New Apoptosis-Inducing Agents for Breast Cancer Based on Ethyl 2-Amino-4,5,6,7-Tetra Hydrobenzo[b]Thiophene-3-Carboxylate: Synthesis, In Vitro, and In Vivo Activity Evaluation. <i>Molecules</i> , 2020, 25, 2523.	1.7	57
41	Synthesis, characterization of some pyrazine derivatives as anti-cancer agents: In Vitro and in Silico approaches. <i>Journal of Molecular Structure</i> , 2020, 1210, 128013.	1.8	49
42	Molecular docking, anti-proliferative activity and induction of apoptosis in human liver cancer cells treated with androstane derivatives: Implication of PI3K/AKT/mTOR pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 198, 105604.	1.2	44
43	Triaryl dicationic DNA minor-groove binders with antioxidant activity display cytotoxicity and induce apoptosis in breast cancer. <i>Chemico-Biological Interactions</i> , 2020, 324, 109087.	1.7	60
44	Antitumor efficacy of the Egyptian Scorpion Venom <i>Androctonus Australis</i> : in vitro and in vivo study. <i>Journal of Basic and Applied Zoology</i> , 2020, 81, .	0.4	2
45	Screening of different drug design tools to predict the mode of action of steroidal derivatives as anti-cancer agents. <i>Steroids</i> , 2019, 152, 108485.	0.8	61
46	Synthesis, molecular modeling and anti-cancer evaluation of a series of quinazoline derivatives. <i>Carbohydrate Research</i> , 2019, 486, 107832.	1.1	47
47	Auspicious role of the steroidal heterocyclic derivatives as a platform for anti-cancer drugs. <i>Bioorganic Chemistry</i> , 2017, 73, 128-146.	2.0	63