

Ashraf Nabel Abdalla

List of Publications by Year in descending order

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53
papers

757
citations

471509
17
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all docs

53
docs citations

53
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Overview of Globally Approved JAK Inhibitors. <i>Pharmaceutics</i> , 2022, 14, 1001.	4.5	83
2	Optimization of pyrrolizine-based Schiff bases with 4-thiazolidinone motif: Design, synthesis and investigation of cytotoxicity and anti-inflammatory potency. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111780.	5.5	42
3	Antitumor activity of pyrrolizines and their Cu(II) complexes: Design, synthesis and cytotoxic screening with potential apoptosis-inducing activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 350-359.	5.5	41
4	Synthesis, cytotoxic evaluation, and molecular docking studies of novel quinazoline derivatives with benzenesulfonamide and anilide tails: Dual inhibitors of EGFR/HER2. <i>Bioorganic Chemistry</i> , 2020, 95, 103461.	4.1	41
5	Proapoptotic Activity of <i>Achillea membranacea</i> Essential Oil and Its Major Constituent 1,8-Cineole against A2780 Ovarian Cancer Cells. <i>Molecules</i> , 2020, 25, 1582.	3.8	41
6	Synthesis, anticancer, apoptosis-inducing activities and EGFR and VEGFR2 assay mechanistic studies of 5,5-diphenylimidazolidine-2,4-dione derivatives: Molecular docking studies. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 682-693.	2.7	33
7	Phytochemical, Cytotoxic, and Antimicrobial Evaluation of the Fruits of Miswak Plant, <i>Salvadora persica</i> L.. <i>Journal of Chemistry</i> , 2020, 2020, 1-11.	1.9	33
8	Triterpenoidal saponins from the fruits of <i>Gleditsia caspica</i> with proapoptotic properties. <i>Phytochemistry</i> , 2018, 145, 168-178.	2.9	26
9	A Series of Isatin-Hydrazones with Cytotoxic Activity and CDK2 Kinase Inhibitory Activity: A Potential Type II ATP Competitive Inhibitor. <i>Molecules</i> , 2020, 25, 4400.	3.8	25
10	Pharmacophore-based virtual screening, synthesis, biological evaluation, and molecular docking study of novel pyrrolizines bearing urea/thiourea moieties with potential cytotoxicity and CDK inhibitory activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 15-33.	5.2	25
11	Pyrrolizines: Design, synthesis, anticancer evaluation and investigation of the potential mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5637-5651.	3.0	21
12	Tamoxifen and the PI3K Inhibitor: LY294002 Synergistically Induce Apoptosis and Cell Cycle Arrest in Breast Cancer MCF-7 Cells. <i>Molecules</i> , 2020, 25, 3355.	3.8	21
13	Discovery of new pyrimidopyrrolizine/indolizine-based derivatives as P-glycoprotein inhibitors: Design, synthesis, cytotoxicity, and MDR reversal activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113403.	5.5	21
14	Structural-based design, synthesis, and antitumor activity of novel alloxazine analogues with potential selective kinase inhibition. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 31-52.	5.5	20
15	Ethyl benzoate bearing pyrrolizine/indolizine moieties: Design, synthesis and biological evaluation of anti-inflammatory and cytotoxic activities. <i>Bioorganic Chemistry</i> , 2020, 94, 103371.	4.1	20
16	Pyrrolizine-5-carboxamides: Exploring the impact of various substituents on anti-inflammatory and anticancer activities. <i>Acta Pharmaceutica</i> , 2018, 68, 251-273.	2.0	17
17	Significance of Targeting VEGFR-2 and Cyclin D1 in Luminal-A Breast Cancer. <i>Molecules</i> , 2020, 25, 4606.	3.8	17
18	Synergistic Anti Leukemia Effect of a Novel Hsp90 and a Pan Cyclin Dependent Kinase Inhibitors. <i>Molecules</i> , 2020, 25, 2220.	3.8	17

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19	Synthesis and biological evaluation of benzyl styrylsulfonyl derivatives as potent anticancer mitotic inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3066-3069.	2.2	14
20	Reprofiling of full-length phosphonated carbocyclic 2'-oxa-3'-aza-5'-nucleosides toward antiproliferative agents: Synthesis, antiproliferative activity, and molecular docking study. <i>Chemical Biology and Drug Design</i> , 2017, 90, 679-689.	3.2	13
21	Polyvinyl alcohol/corn starch/castor oil hydrogel films, loaded with silver nanoparticles biosynthesized in <i>Mentha piperita</i> leaves TM extract. <i>Journal of King Saud University - Science</i> , 2022, 34, 101879.	3.5	13
22	Preparation and biological evaluation of metronidazole derivatives with monoterpenes and eugenol. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1954-1962.	3.2	12
23	Chemosensitization of HT29 and HT29-5FU Cell Lines by a Combination of a Multi-Tyrosine Kinase Inhibitor and 5FU Downregulates ABCC1 and Inhibits PIK3CA in Light of Their Importance in Saudi Colorectal Cancer. <i>Molecules</i> , 2021, 26, 334.	3.8	12
24	Bioactive fluorenes. Part IV: Design, synthesis, and a combined in vitro, in silico anticancer and antibacterial evaluation of new fluorene-heterocyclic sulfonamide conjugates. <i>Journal of Molecular Structure</i> , 2021, 1246, 131232.	3.6	11
25	Novel pyrrolizines bearing 3,4,5-trimethoxyphenyl moiety: design, synthesis, molecular docking, and biological evaluation as potential multi-target cytotoxic agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1312-1332.	5.2	11
26	Phytochemical, Cytotoxic, and Antimicrobial Evaluation of <i>Tribulus terrestris</i> L., <i>Typha domingensis</i> Pers., and <i>Ricinus communis</i> L.: Scientific Evidences for Folkloric Uses. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	1.2	10
27	In Silico Approach Using Free Software to Optimize the Antiproliferative Activity and Predict the Potential Mechanism of Action of Pyrrolizine-Based Schiff Bases. <i>Molecules</i> , 2021, 26, 4002.	3.8	9
28	Phytochemical Screening and Cytotoxic Properties of Ethanolic Extract of Young and Mature Khat Leaves. <i>Journal of Chemistry</i> , 2020, 2020, 1-9.	1.9	8
29	Virological surveillance, molecular phylogeny, and evolutionary dynamics of hepatitis C virus subtypes 1a and 4a isolates in patients from Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1664-1677.	3.8	8
30	Isolation, Characterization, Complete Structural Assignment, and Anticancer Activities of the Methoxylated Flavonoids from <i>Rhamnus disperma</i> Roots. <i>Molecules</i> , 2021, 26, 5827.	3.8	8
31	Effect of fluorescein angiography on renal functions in type 2 diabetes patients: A pilot study. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2017, 28, 491.	0.3	8
32	Co-Inhibition of P-gp and Hsp90 by an Isatin-Derived Compound Contributes to the Increase of the Chemosensitivity of MCF7/ADR-Resistant Cells to Doxorubicin. <i>Molecules</i> , 2022, 27, 90.	3.8	8
33	GC-MS Analysis and Cytotoxicity Evaluation of <i>Shammah</i> (Smokeless Tobacco) Samples of Jazan Region of Saudi Arabia as Promoter of Cancer Cell Proliferation. <i>Journal of Chemistry</i> , 2019, 2019, 1-8.	1.9	7
34	Quinazolin-4(3 <i>H</i>)-one based potential multiple tyrosine kinase inhibitors with excellent cytotoxicity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 2055-2067.	5.2	7
35	The vital role of animal, marine, and microbial natural products against COVID-19. <i>Pharmaceutical Biology</i> , 2022, 60, 509-524.	2.9	7
36	Pyrrolizine/Indolizine-NSAID Hybrids: Design, Synthesis, Biological Evaluation, and Molecular Docking Studies. <i>Molecules</i> , 2021, 26, 6582.	3.8	6

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37	Hydrogel films of methanolic <i>Mentha piperita</i> extract and silver nanoparticles enhance wound healing in rats with diabetes Type I. Journal of Taibah University for Science, 2022, 16, 308-316.	2.5	6
38	Design, Synthesis, and <i>In Vitro</i> Biological Evaluation of 14-Hydroxytylophorine-dichloroacetate Co-drugs as Antiproliferative Agents. Chemical and Pharmaceutical Bulletin, 2019, 67, 1208-1210.	1.3	5
39	Consensus small interfering RNA targeted to stem-loops II and III of IRES structure of 5' UTR effectively inhibits virus replication and translation of HCV sub-genotype 4a isolates from Saudi Arabia. Saudi Journal of Biological Sciences, 2021, 28, 1109-1122.	3.8	5
40	Design and Synthesis of 4-O-Podophyllotoxin Sulfamate Derivatives as Potential Cytotoxic Agents. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-7.	1.2	5
41	Ameliorative Influence of Dietary Dates on Doxorubicin-Induced Cardiac Toxicity. Pharmacology & Pharmacy, 2016, 07, 343-353.	0.7	4
42	Icotinib, Almonertinib, and Olmutinib: A 2D Similarity/Docking-Based Study to Predict the Potential Binding Modes and Interactions into EGFR. Molecules, 2021, 26, 6423.	3.8	3
43	Boronic Analogues of (R)-6-O-Desmethylantofine as Anticancer Agents. Chemical and Pharmaceutical Bulletin, 2019, 67, 1324-1327.	1.3	2
44	Design, Synthesis and In-Vitro Biological Evaluation of Antofine and Tylophorine Prodrugs as Hypoxia-Targeted Anticancer Agents. Molecules, 2021, 26, 3327.	3.8	2
45	Total phenol, flavonoid, and individual phenolic acid contents and antioxidant and cytotoxic activities of methanol extracts from <i>Ficus cordata</i> ssp. <i>salicifolia</i> . Canadian Journal of Plant Science, 2021, 101, 517-524.	0.9	2
46	Phytochemical, antimicrobial and cytotoxicity screening of ethanol extract of <i>Acacia ehrenbergiana</i> Hayne grown in Jazan Region of Saudi Arabia. Tropical Journal of Pharmaceutical Research, 2020, 19, 313-321.	0.3	2
47	Pyrrolizine/indolizine-cinnamaldehyde Schiff bases: Design, synthesis, biological evaluation, ADME, and molecular docking study. European Journal of Medicinal Chemistry Reports, 2022, 4, 100036.	1.4	2
48	Gas Chromatography-Mass Spectrometry (GC-MS) Metabolites Profiling and Biological Activities of Various <i>Capsicum annum</i> cultivars. Plants, 2022, 11, 1022.	3.5	2
49	GC-MS and Cellular Toxicity Studies on Smokeless-Tobacco Show Alerting Cytotoxic effect on Human Gingiva and Lung Fibroblasts. Journal of Spectroscopy, 2022, 2022, 1-10.	1.3	1
50	Abstract 779: Investigation of the anti-breast cancer activity of five traditionally used Sudanese medicinal plants. , 2010, , .		0
51	Erratum "Phytochemical, antimicrobial and cytotoxicity screening of ethanol extract of <i>Acacia ehrenbergiana</i> Hayne grown in Jazan Region of Saudi Arabia" Tropical Journal of Pharmaceutical Research, 2022, 20, 661.	0.3	0
52	The Impact Of Clinical Pharmacists' Interventions On Drug-Related Problems At The Military Hospital, Omdurman, Sudan. International Journal of Pharma and Bio Sciences, 2022, 12, 88-94.	0.1	0
53	The Impact Of Clinical Pharmacists' Interventions On Drug-Related Problems At The Military Hospital, Omdurman, Sudan. International Journal of Pharma and Bio Sciences, 2022, 12, 88-94.	0.1	0