

Ahmed M Gouda

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,055
citations

331538

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454834

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Docking studies of sesquiterpene lactones isolated from <i>Ambrosia Amaritima</i> L. reveals their potential anti-inflammatory and cytotoxic activities. <i>Natural Product Research</i> , 2022, 36, 1078-1083.	1.0	4
2	Design and synthesis of new triarylimidazole derivatives as dual inhibitors of BRAFV600E/p38 β with potential antiproliferative activity. <i>Journal of Molecular Structure</i> , 2022, 1253, 132218.	1.8	31
3	Optimization and SAR investigation of novel 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivatives as EGFR and BRAFV600E dual inhibitors with potent antiproliferative and antioxidant activities. <i>Bioorganic Chemistry</i> , 2022, 120, 105616.	2.0	38
4	Pyrrolizine/indolizine-cinnamaldehyde Schiff bases: Design, synthesis, biological evaluation, ADME, and molecular docking study. <i>European Journal of Medicinal Chemistry Reports</i> , 2022, 4, 100036.	0.6	2
5	A Comprehensive Overview of Globally Approved JAK Inhibitors. <i>Pharmaceutics</i> , 2022, 14, 1001.	2.0	83
6	Design, synthesis, and biological evaluation of new series of pyrrol-2(3H)-one and pyridazin-3(2H)-one derivatives as tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2021, 107, 104522.	2.0	8
7	Design and synthesis of novel quinoline/chalcone/1,2,4-triazole hybrids as potent antiproliferative agent targeting EGFR and BRAFV600E kinases. <i>Bioorganic Chemistry</i> , 2021, 106, 104510.	2.0	59
8	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.	2.5	25
9	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.	2.6	21
10	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.	1.7	9
11	Design, synthesis, and biological evaluation of novel EGFR inhibitors containing 5-chloro-3-hydroxymethyl-indole-2-carboxamide scaffold with apoptotic antiproliferative activity. <i>Bioorganic Chemistry</i> , 2021, 112, 104960.	2.0	46
12	Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease. <i>Bioorganic Chemistry</i> , 2021, 116, 105363.	2.0	10
13	New quinoline/1,2,4-triazole hybrids as dual inhibitors of COX-2/5-LOX and inflammatory cytokines: Design, synthesis, and docking study. <i>Journal of Molecular Structure</i> , 2021, 1244, 130948.	1.8	13
14	Novel benzo[4,5]thiazolo[2,3-C][1,2,4]triazoles: Design, synthesis, anticancer evaluation, kinase profiling and molecular docking study. <i>Journal of Molecular Structure</i> , 2021, 1246, 131138.	1.8	6
15	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.	2.5	11
16	Icotinib, Almonertinib, and Olmutinib: A 2D Similarity/Docking-Based Study to Predict the Potential Binding Modes and Interactions into EGFR. <i>Molecules</i> , 2021, 26, 6423.	1.7	3
17	Pyrrolizine/Indolizine-NSAID Hybrids: Design, Synthesis, Biological Evaluation, and Molecular Docking Studies. <i>Molecules</i> , 2021, 26, 6582.	1.7	6
18	Globally Approved EGFR Inhibitors: Insights into Their Syntheses, Target Kinases, Biological Activities, Receptor Interactions, and Metabolism. <i>Molecules</i> , 2021, 26, 6677.	1.7	69

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19	Synthesis, Anticancer Assessment, and Molecular Docking of Novel Chalcone-Thienopyrimidine Derivatives in HepG2 and MCF-7 Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	1.9	14
20	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.	2.6	42
21	Ethyl benzoate bearing pyrrolizine/indolizine moieties: Design, synthesis and biological evaluation of anti-inflammatory and cytotoxic activities. <i>Bioorganic Chemistry</i> , 2020, 94, 103371.	2.0	20
22	Novel 1,2,4-triazole derivatives as apoptotic inducers targeting p53: Synthesis and antiproliferative activity. <i>Bioorganic Chemistry</i> , 2020, 105, 104369.	2.0	35
23	Design and synthesis of novel 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivatives as antiproliferative EGFR and BRAFV600E dual inhibitors. <i>Bioorganic Chemistry</i> , 2020, 104, 104260.	2.0	50
24	Design, synthesis and antitrypanosomal activity of heteroaryl-based 1,2,4-triazole and 1,3,4-oxadiazole derivatives. <i>Bioorganic Chemistry</i> , 2020, 100, 103933.	2.0	29
25	Synergistic Anti Leukemia Effect of a Novel Hsp90 and a Pan Cyclin Dependent Kinase Inhibitors. <i>Molecules</i> , 2020, 25, 2220.	1.7	17
26	Synthesis, biological evaluation and kinase profiling of novel S-benzo[4,5]thiazolo[2,3-c][1,2,4]triazole derivatives as cytotoxic agents with apoptosis-inducing activity. <i>Journal of Molecular Structure</i> , 2020, 1219, 128567.	1.8	23
27	Design and synthesis of new 1,6-dihydropyrimidin-2-thio derivatives targeting VEGFR-2: Molecular docking and antiproliferative evaluation. <i>Bioorganic Chemistry</i> , 2020, 102, 104090.	2.0	33
28	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl)/1-naphthyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 99, 103782.	2.0	32
29	Arylpropionic acid-derived NSAIDs: New insights on derivatization, anticancer activity and potential mechanism of action. <i>Bioorganic Chemistry</i> , 2019, 92, 103224.	2.0	24
30	Carprofen: a theoretical mechanistic study to investigate the impact of hydrophobic interactions of alkyl groups on modulation of COX-1/2 binding selectivity. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	14
31	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.	2.6	20
32	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.	2.6	41
33	Pyrrolizine-5-carboxamides: Exploring the impact of various substituents on anti-inflammatory and anticancer activities. <i>Acta Pharmaceutica</i> , 2018, 68, 251-273.	0.9	17
34	Pyrrolizines: Design, synthesis, anticancer evaluation and investigation of the potential mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5637-5651.	1.4	21
35	Design, Synthesis, and Biological Evaluation of Some Novel Pyrrolizine Derivatives as COX Inhibitors with Anti-Inflammatory/Analgesic Activities and Low Ulcerogenic Liability. <i>Molecules</i> , 2016, 21, 201.	1.7	28
36	An integrated overview on pyrrolizines as potential anti-inflammatory, analgesic and antipyretic agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 114, 257-292.	2.6	25

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37	Synthesis of novel indolizine, diazepinoindolizine and Pyrimidoindolizine derivatives as potent and selective anticancer agents. <i>Research on Chemical Intermediates</i> , 2015, 41, 9687-9701.	1.3	9
38	Design, synthesis and pharmacological evaluation of novel pyrrolizine derivatives as potential anticancer agents. <i>Bioorganic Chemistry</i> , 2014, 53, 1-7.	2.0	30
39	Design, synthesis and biological evaluation of novel diphenylthiazole-based cyclooxygenase inhibitors as potential anticancer agents. <i>Bioorganic Chemistry</i> , 2014, 57, 132-141.	2.0	31
40	Design, synthesis and preliminary evaluation of some novel [1,4]diazepino [5,6-b]pyrrolizine and 6-(2-oxopyrrolidino)-1H-pyrrolizine derivatives as anticonvulsant agents. <i>Medicinal Chemistry Research</i> , 2011, 20, 1015-1023.	1.1	14
41	Novel substituted and fused pyrrolizine derivatives: Synthesis, anti-inflammatory and ulcerogenicity studies. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 482-491.	2.6	42