Ahmed M Gouda

List of Publications by Year
in descending order

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41	1,055	331538 21	454834 30
papers	citations	h-index	g-index

42	42	42	705
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comprehensive Overview of Globally Approved JAK Inhibitors. Pharmaceutics, 2022, 14, 1001.	2.0	83
2	Globally Approved EGFR Inhibitors: Insights into Their Syntheses, Target Kinases, Biological Activities, Receptor Interactions, and Metabolism. Molecules, 2021, 26, 6677.	1.7	69
3	Design and synthesis of novel quinoline/chalcone/1,2,4-triazole hybrids as potent antiproliferative agent targeting EGFR and BRAFV600E kinases. Bioorganic Chemistry, 2021, 106, 104510.	2.0	59
4	Design and synthesis of novel 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivatives as antiproliferative EGFR and BRAFV600E dual inhibitors. Bioorganic Chemistry, 2020, 104, 104260.	2.0	50
5	Design, synthesis, and biological evaluation of novel EGFR inhibitors containing 5-chloro-3-hydroxymethyl-indole-2-carboxamide scaffold with apoptotic antiproliferative activity. Bioorganic Chemistry, 2021, 112, 104960.	2.0	46
6	Novel substituted and fused pyrrolizine derivatives: Synthesis, anti-inflammatory and ulcerogenecity studies. European Journal of Medicinal Chemistry, 2010, 45, 482-491.	2.6	42
7	Optimization of pyrrolizine-based Schiff bases with 4-thiazolidinone motif: Design, synthesis and investigation of cytotoxicity and anti-inflammatory potency. European Journal of Medicinal Chemistry, 2020, 185, 111780.	2.6	42
8	Antitumor activity of pyrrolizines and their Cu(II) complexes: Design, synthesis and cytotoxic screening with potential apoptosis-inducing activity. European Journal of Medicinal Chemistry, 2018, 145, 350-359.	2.6	41
9	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. Bioorganic Chemistry, 2022, 120, 105616.	2.0	38
10	Novel 1,2,4-triazole derivatives as apoptotic inducers targeting p53: Synthesis and antiproliferative activity. Bioorganic Chemistry, 2020, 105, 104369.	2.0	35
11	Design and synthesis of new 1,6-dihydropyrimidin-2-thio derivatives targeting VEGFR-2: Molecular docking and antiproliferative evaluation. Bioorganic Chemistry, 2020, 102, 104090.	2.0	33
12	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl/1-naphthyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 99, 103782.	2.0	32
13	Design, synthesis and biological evaluation of novel diphenylthiazole-based cyclooxygenase inhibitors as potential anticancer agents. Bioorganic Chemistry, 2014, 57, 132-141.	2.0	31
14	Design and synthesis of new triarylimidazole derivatives as dual inhibitors of BRAFV600E/p38Î± with potential antiproliferative activity. Journal of Molecular Structure, 2022, 1253, 132218.	1.8	31
15	Design, synthesis and pharmacological evaluation of novel pyrrolizine derivatives as potential anticancer agents. Bioorganic Chemistry, 2014, 53, 1-7.	2.0	30
16	Design, synthesis and antitrypanosomal activity of heteroaryl-based 1,2,4-triazole and 1,3,4-oxadiazole derivatives. Bioorganic Chemistry, 2020, 100, 103933.	2.0	29
17	Design, Synthesis, and Biological Evaluation of Some Novel Pyrrolizine Derivatives as COX Inhibitors with Anti-Inflammatory/Analgesic Activities and Low Ulcerogenic Liability. Molecules, 2016, 21, 201.	1.7	28
18	An integrated overview on pyrrolizines as potential anti-inflammatory, analgesic and antipyretic agents. European Journal of Medicinal Chemistry, 2016, 114, 257-292.	2.6	25

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19	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. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 15-33.	2.5	25
20	Arylpropionic acid-derived NSAIDs: New insights on derivatization, anticancer activity and potential mechanism of action. Bioorganic Chemistry, 2019, 92, 103224.	2.0	24
21	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. Journal of Molecular Structure, 2020, 1219, 128567.	1.8	23
22	Pyrrolizines: Design, synthesis, anticancer evaluation and investigation of the potential mechanism of action. Bioorganic and Medicinal Chemistry, 2017, 25, 5637-5651.	1.4	21
23	Discovery of new pyrimidopyrrolizine/indolizine-based derivatives as P-glycoprotein inhibitors: Design, synthesis, cytotoxicity, and MDR reversal activities. European Journal of Medicinal Chemistry, 2021, 218, 113403.	2.6	21
24	Structural-based design, synthesis, and antitumor activity of novel alloxazine analogues with potential selective kinase inhibition. European Journal of Medicinal Chemistry, 2018, 152, 31-52.	2.6	20
25	Ethyl benzoate bearing pyrrolizine/indolizine moieties: Design, synthesis and biological evaluation of anti-inflammatory and cytotoxic activities. Bioorganic Chemistry, 2020, 94, 103371.	2.0	20
26	Pyrrolizine-5-carboxamides: Exploring the impact of various substituents on anti-inflammatory and anticancer activities. Acta Pharmaceutica, 2018, 68, 251-273.	0.9	17
27	Synergistic Anti Leukemia Effect of a Novel Hsp90 and a Pan Cyclin Dependent Kinase Inhibitors. Molecules, 2020, 25, 2220.	1.7	17
28	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. Medicinal Chemistry Research, 2011, 20, 1015-1023.	1.1	14
29	Carprofen: a theoretical mechanistic study to investigate the impact of hydrophobic interactions of alkyl groups on modulation of COX-1/2 binding selectivity. SN Applied Sciences, 2019, 1, 1.	1.5	14
30	Synthesis, Anticancer Assessment, and Molecular Docking of Novel Chalcone-Thienopyrimidine Derivatives in HepG2 and MCF-7 Cell Lines. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-27.	1.9	14
31	New quinoline/1,2,4-triazole hybrids as dual inhibitors of COX-2/5-LOX and inflammatory cytokines: Design, synthesis, and docking study. Journal of Molecular Structure, 2021, 1244, 130948.	1.8	13
32	Novel pyrrolizines bearing 3,4,5-trimethoxyphenyl moiety: design, synthesis, molecular docking, and biological evaluation as potential multi-target cytotoxic agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1312-1332.	2.5	11
33	Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease. Bioorganic Chemistry, 2021, 116, 105363.	2.0	10
34	Synthesis of novel indolizine, diazepinoindolizine and Pyrimidoindolizine derivatives as potent and selective anticancer agents. Research on Chemical Intermediates, 2015, 41, 9687-9701.	1.3	9
35	In Silico Approach Using Free Software to Optimize the Antiproliferative Activity and Predict the Potential Mechanism of Action of Pyrrolizine-Based Schiff Bases. Molecules, 2021, 26, 4002.	1.7	9
36	Design, synthesis, and biological evaluation of new series of pyrrol-2(3H)-one and pyridazin-3(2H)-one derivatives as tubulin polymerization inhibitors. Bioorganic Chemistry, 2021, 107, 104522.	2.0	8

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37	Novel benzo[4,5]thiazolo[2,3-C][1,2,4]triazoles: Design, synthesis, anticancer evaluation, kinase profiling and molecular docking study. Journal of Molecular Structure, 2021, 1246, 131138.	1.8	6
38	Pyrrolizine/Indolizine-NSAID Hybrids: Design, Synthesis, Biological Evaluation, and Molecular Docking Studies. Molecules, 2021, 26, 6582.	1.7	6
39	Docking studies of sesquiterpene lactones isolated from AmbrosiaÂmaritima L. reveals their potential anti-inflammatory and cytotoxic activities. Natural Product Research, 2022, 36, 1078-1083.	1.0	4
40	Icotinib, Almonertinib, and Olmutinib: A 2D Similarity/Docking-Based Study to Predict the Potential Binding Modes and Interactions into EGFR. Molecules, 2021, 26, 6423.	1.7	3
41	Pyrrolizine/indolizine-cinnamaldehyde Schiff bases: Design, synthesis, biological evaluation, ADME, and molecular docking study. European Journal of Medicinal Chemistry Reports, 2022, 4, 100036.	0.6	2