Shahenda M El-Messery

List of Publications by Year
in descending order

39 papers	1,049 citations	430442 18 h-index	433756 31 g-index
39 all docs	39 docs citations	39 times ranked	1441 citing authors

#	Article	IF	Citations
1	Aspirin is an efficient inhibitor of quorum sensing, virulence and toxins in Pseudomonas aeruginosa. Microbial Pathogenesis, 2014, 74, 25-32.	1.3	139
2	Substituted thiazoles V. Synthesis and antitumor activity of novel thiazolo[2,3-b]quinazoline and pyrido[4,3-d]thiazolo[3,2-a]pyrimidine analogues. European Journal of Medicinal Chemistry, 2012, 47, 65-72.	2.6	94
3	Substituted thiazoles VII. Synthesis and antitumor activity of certain 2-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66	1.0	62
4	Nonclassical antifolates, part 4. 5-(2-Aminothiazol-4-yl)-4-phenyl-4H-1,2,4-triazole-3-thiols as a new class of DHFR inhibitors: Synthesis, biological evaluation and molecular modeling study. European Journal of Medicinal Chemistry, 2013, 66, 135-145.	2.6	57
5	Substituted thiazoles VI. Synthesis and antitumor activity of new 2-acetamido- and 2 or 3-propanamido-thiazole analogs. European Journal of Medicinal Chemistry, 2012, 54, 615-625.	2.6	49
6	Nonclassical antifolates, part 5. Benzodiazepine analogs as a new class of DHFR inhibitors: Synthesis, antitumor testing and molecular modeling study. European Journal of Medicinal Chemistry, 2014, 74, 234-245.	2.6	49
7	Nonclassical antifolates, part 3: Synthesis, biological evaluation and molecular modeling study of some new 2-heteroarylthio-quinazolin-4-ones. European Journal of Medicinal Chemistry, 2013, 63, 33-45.	2.6	48
8	Synthesis, biological evaluation and molecular modeling study of new (1,2,4-triazole or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (1, Chemistry, 2017, 72, 282-292.	2.0	43
9	Synthesis, anticonvulsant activity and molecular modeling study of some new hydrazinecarbothioamide, benzenesulfonohydrazide, and phenacylacetohydrazide analogues of 4(3H)-quinazolinone. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1490-1499.	1.0	39
10	Synthesis, biological evaluation and molecular modeling study of 2-(1,3,4-thiadiazolyl-thio and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Chemistry Letters, 2014, 24, 4557-4567.	1.0	35
11	Design, Synthesis, Antimicrobial Evaluation and Molecular Modeling Study of 1,2,4-Triazole-Based 4-Thiazolidinones. Molecules, 2016, 21, 568.	1.7	35
12	Synthesis and biological evaluation of new curcumin analogues as antioxidant and antitumor agents: Molecular modeling study. European Journal of Medicinal Chemistry, 2015, 101, 584-594.	2.6	34
13	Synthesis and anticancer activity of new thiazolo[3,2-a]pyrimidines: DNA binding and molecular modeling study. Bioorganic Chemistry, 2017, 74, 41-52.	2.0	34
14	Targeting microbial resistance: Synthesis, antibacterial evaluation, DNA binding and modeling study of new chalcone-based dithiocarbamate derivatives. Bioorganic Chemistry, 2019, 85, 282-292.	2.0	28
15	Antibacterial, antibiofilm and molecular modeling study of some antitumor thiazole based chalcones as a new class of DHFR inhibitors. Microbial Pathogenesis, 2019, 136, 103674.	1.3	23
16	Synthesis, biological evaluation and molecular modeling study of some new methoxylated 2-benzylthio-quinazoline-4(3H)-ones as nonclassical antifolates. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4815-4823.	1.0	22
17	Synthesis, biological evaluation and molecular modeling study of [1,2,4]-Triazolo[4,3-c]quinazolines: New class of EGFR-TK inhibitors. Bioorganic and Medicinal Chemistry, 2020, 28, 115373.	1.4	22
18	Synthesis, antimicrobial, anti-biofilm evaluation, and molecular modelling study of new chalcone linked amines derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 818-832.	2.5	19

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19	Minutaside A, new Î±â€amylase inhibitor flavonol glucoside from Tagetes minuta: Antidiabetic, antioxidant, and molecular modeling studies. Starch/Staerke, 2015, 67, 976-984.	1.1	18
20	5-Thioxoimidazolidine-2-one derivatives: Synthesis, anti-inflammatory activity, analgesic activity, COX inhibition assay and molecular modelling study. Bioorganic Chemistry, 2019, 87, 679-687.	2.0	18
21	Targeting EGFR tyrosine kinase: Synthesis, in vitro antitumor evaluation, and molecular modeling studies of benzothiazole-based derivatives. Bioorganic Chemistry, 2020, 104, 104259.	2.0	18
22	Synthetic approaches, anticancer potential, HSP90 inhibition, multitarget evaluation, molecular modeling and apoptosis mechanistic study of thioquinazolinone skeleton: Promising antibreast cancer agent. Bioorganic Chemistry, 2020, 101, 103987.	2.0	18
23	New thiazolopyrimidine as anticancer agents: Synthesis, biological evaluation, DNA binding, molecular modeling and ADMET study. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127611.	1.0	15
24	Synthesis, state-of-the-art NMR-binding and molecular modeling study of new benzimidazole core derivatives as Pin1 inhibitors: Targeting breast cancer. Bioorganic and Medicinal Chemistry, 2020, 28, 115495.	1.4	15
25	Synthesis, anticancer and antimicrobial evaluation of new benzofuran based derivatives: PI3K inhibition, quorum sensing and molecular modeling study. Bioorganic and Medicinal Chemistry, 2021, 31, 115976.	1.4	15
26	Targeting hepatocellular carcinoma: Synthesis of new pyrazole-based derivatives, biological evaluation, DNA binding, and molecular modeling studies. Bioorganic Chemistry, 2019, 88, 102917.	2.0	14
27	Quinazoline Based HSP90 Inhibitors: Synthesis, Modeling Study and ADME Calculations Towards Breast Cancer Targeting. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127281.	1.0	12
28	New benzimidazole based hybrids: Synthesis, molecular modeling study and anticancer evaluation as TopoII inhibitors. Bioorganic Chemistry, 2022, 127, 106038.	2.0	11
29	Synthesis, biological evaluation and molecular modeling study of thiadiazolo[3,2- a][1,3]diazepine analogues of HIE-124 as a new class of short acting hypnotics. European Journal of Medicinal Chemistry, 2016, 124, 237-247.	2.6	8
30	Antimicrobial Activity and Molecular Docking of Tannins from Pimenta dioica. Letters in Drug Design and Discovery, 2018, 15, 508-515.	0.4	8
31	Tetrahydroindolocarbazoles (THICZs) as new class of urokinase (uPA) inhibitors: Synthesis, anticancer evaluation, DNA-damage determination, and molecular modelling study. Bioorganic Chemistry, 2018, 80, 545-554.	2.0	7
32	DNA binding studies of novel diazatruxenones analogs as potential anticancer agents: Synthesis, antitumor investigation, DNA binding, SAR and molecular modeling calculation. Bioorganic Chemistry, 2020, 104, 104323.	2.0	6
33	Novel Pyruvate Kinase (PK) Inhibitors: New Target to Overcome Bacterial Resistance. ChemistrySelect, 2020, 5, 3445-3453.	0.7	6
34	Design, synthesis, and antitumor activity of PLGA nanoparticles incorporating a discovered benzimidazole derivative as EZH2 inhibitor. Chemico-Biological Interactions, 2021, 344, 109530.	1.7	6
35	Biphenylpiperazine Based MAO Inhibitors: Synthesis, Biological Evaluation, Reversibility and Molecular Modeling Studies. Bioorganic Chemistry, 2021, 115, 105216.	2.0	6
36	Thiadiazolodiazepine analogues as a new class of neuromuscular blocking agents: Synthesis, biological evaluation and molecular modeling study. European Journal of Medicinal Chemistry, 2017, 126, 15-23.	2.6	5

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37	Towards breast cancer targeting: Synthesis of tetrahydroindolocarbazoles, antibreast cancer evaluation, uPA inhibition, molecular genetic and molecular modelling studies. Bioorganic Chemistry, 2019, 93, 103332.	2.0	5
38	Synthesis, biological evaluation and molecular modeling study of some new thiazolodiazepine analogs as CNS active agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 445-453.	1.0	4
39	In silico Modeling Studies of 5-HT2B Antagonistic Activity of 2-(2- phenylethyl)chromone Derivatives from Cucumis melo Seeds. Letters in Drug Design and Discovery, 2016, 13, 840-844.	0.4	2