Ayaz Mahmood Dar

List of Publications by Year
in descending order

22 papers	732 citations	1039880 9 h-index	794469 19 g-index
22 all docs	22 docs citations	22 times ranked	1478 citing authors

#	Article	IF	Citations
1	Combined theoretical and experimental studies reveal the newly synthesized pyrimidinones as potential apoptotic agents. Computational Toxicology, 2021, 17, 100145.	1.8	1
2	Synthetic Strategies of Benzothiazines: A Mini Review. Mini-Reviews in Organic Chemistry, 2020, 17, 148-157.	0.6	9
3	DNA binding, artificial nuclease activity and cytotoxic studies of newly synthesized steroidal pyrimidines. International Journal of Biological Macromolecules, 2018, 111, 52-61.	3.6	14
4	Synthesis of steroidal imidazolidinthiones as potential apoptotic agents: Investigation by theoretical and experimental studies. Bioorganic Chemistry, 2018, 79, 190-200.	2.0	2
5	Steroidal imidazoles: Synthesis, characterization, molecular docking studies with DNA and in vitro cytotoxicity. Medicinal Chemistry Research, 2017, 26, 372-383.	1.1	4
6	Fabrication and Characterization of Polyaniline Based Nano-Composite with Their Physico-Chemical and Environmental Applications. Journal of Polymers and the Environment, 2017, 25, 717-727.	2.4	9
7	Cytotoxic Evaluation and DNA Binding Ability of Catalytically Synthesized New Steroidal Lactones. Natural Products Chemistry & Research, 2017, 05, .	0.2	1
8	SPECTROSCOPIC STUDIES OF NEWLY SYNTHESIZED STEROIDAL PYRROLES. European Chemical Bulletin, 2017, 6, 321.	2.7	4
9	Synthesis, characterization, antimicrobial and anticancer studies of new steroidal pyrazolines. Journal of Saudi Chemical Society, 2016, 20, 7-12.	2.4	28
10	Spectroscopic, Viscositic, DNA Binding and Cytotoxic Studies of Newly Synthesized Steroidal Imidazolidines. Journal of Fluorescence, 2016, 26, 639-649.	1.3	14
11	In vitro cytotoxcity and interaction of new steroidal oxadiazinanones with calf thymus DNA using molecular docking, gel electrophoresis and spectroscopic techniques. Journal of Photochemistry and Photobiology B: Biology, 2015, 148, 340-350.	1.7	13
12	Steroidal dihydrocarbothioic acid amido pyrazoles: synthesis, characterization, cytotoxicity and genotoxicity studies. Journal of Chemical Biology, 2015, 8, 107-118.	2.2	6
13	DNA Interaction Studies and In Vitro Cytotoxicity of Newly Synthesized Steroidal Imidazolidinones. Journal of Fluorescence, 2015, 25, 1377-1387.	1.3	7
14	Synthesis of new steroidal imidazo [1,2-a] pyridines: DNA binding studies, cleavage activity and in vitro cytotoxicity. Steroids, 2015, 104, 163-175.	0.8	21
15	Physicochemical Properties of Nanomaterials: Implication in Associated Toxic Manifestations. BioMed Research International, 2014, 2014, 1-8.	0.9	524
16	Anticancer and antimicrobial evaluation of newly synthesized steroidal 5,6 fused benzothiazines. Arabian Journal of Chemistry, 2014, 7, 461-468.	2.3	8
17	Synthesis, molecular docking and biological evaluation of new steroidal 4H-pyrans. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 117, 493-501.	2.0	5
18	DNA binding, docking studies, artificial nuclease activity and in vitro cytotoxicity of newly synthesized steroidal 1Hâ€“pyrimidines. Comptes Rendus Chimie, 2014, 17, 359-369.	0.2	8

#	Article	IF	Citations
19	Synthesis, evaluation and docking studies on steroidal pyrazolones as anticancer and antimicrobial agents. Medicinal Chemistry Research, 2014, 23, 348-362.	1.1	18
20	Synthesis and biological studies of steroidal pyran based derivatives. Journal of Photochemistry and Photobiology B: Biology, 2013, 129, 36-47.	1.7	18
21	Steroidal pyrimidines: Synthesis, characterization, molecular docking studies with DNA and in vitro cytotoxicity. Journal of Molecular Structure, 2013, 1045, 62-71.	1.8	18
22	Sulfonyl thiosemicarbazones: synthesis, characterization and antibacterial activity. The Applied Biology & Chemistry Journal, 0, , 22-26.	0.0	0