

Rahis Uddin

List of Publications by Year in descending order

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33
papers

755
citations

430442

18
h-index

552369

26
g-index

33
all docs

33
docs citations

33
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, cytotoxicity, HuTopoII α inhibitory activity and molecular docking studies of pyrazole derivatives as potential anticancer agents. <i>Bioorganic Chemistry</i> , 2016, 69, 77-90.	2.0	66
2	Facile synthesis of chalcone derivatives as antibacterial agents: Synthesis, DNA binding, molecular docking, DFT and antioxidant studies. <i>Journal of Molecular Structure</i> , 2020, 1208, 127905.	1.8	54
3	Biosynthesis of silver nanoparticles and its antibacterial and antifungal activities towards Gram-positive, Gram-negative bacterial strains and different species of <i>Candida</i> fungus. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1773-1781.	1.7	50
4	A review on recent developments in the biosynthesis of silver nanoparticles and its biomedical applications. <i>Medical Devices & Sensors</i> , 2021, 4, e10158.	2.7	46
5	Synthesis, molecular docking and DNA binding studies of phthalimide-based copper(II) complex: <i>In Vitro</i> antibacterial, hemolytic and antioxidant assessment. <i>Journal of Molecular Structure</i> , 2018, 1160, 142-153.	1.8	44
6	Synthesis, spectral and crystallographic study, DNA binding and molecular docking studies of homo dinuclear Co(II) and Ni(II) complexes. <i>Journal of Molecular Structure</i> , 2019, 1175, 889-899.	1.8	36
7	Isolation of proton transfer complexes containing 4-picolinium as cation and pyridine-2,6-dicarboxylate complex as anion: crystallographic and spectral investigations, antioxidant activities and molecular docking studies. <i>RSC Advances</i> , 2016, 6, 11088-11098.	1.7	33
8	N α -Substituted 1,2,3,4-Triazolyl α -Appended Indole α -Chalcone Hybrids as Potential DNA Intercalators Endowed with Antioxidant and Anticancer Properties. <i>ChemistrySelect</i> , 2018, 3, 2638-2645.	0.7	31
9	Pyrazoline analogs as potential anticancer agents and their apoptosis, molecular docking, MD simulation, DNA binding and antioxidant studies. <i>Bioorganic Chemistry</i> , 2021, 108, 104665.	2.0	31
10	Evaluation of DNA Binding, Radicals Scavenging and Antimicrobial Studies of Newly Synthesized N-Substituted Naphthalimides: Spectroscopic and Molecular Docking Investigations. <i>Journal of Fluorescence</i> , 2015, 25, 1905-1920.	1.3	30
11	A New Isoindoline Based Schiff Base Derivative as Cu(II) Chemosensor: Synthesis, Photophysical, DNA Binding and Molecular Docking Studies. <i>Journal of Fluorescence</i> , 2015, 25, 1763-1773.	1.3	26
12	Synthesis, crystal structures, photoluminescence, magnetic and antioxidant properties, and theoretical analysis of Zn(II) and Cu(II) complexes of an aminoalcohol ligand supported by benzoate counter anions. <i>New Journal of Chemistry</i> , 2019, 43, 622-633.	1.4	26
13	Synthesis, structure and DNA binding properties of a homodinuclear Cu(II) complex: An experimental and theoretical approach. <i>Journal of Molecular Structure</i> , 2019, 1176, 283-289.	1.8	24
14	A combined experimental and theoretical approach to investigate the structure, magnetic properties and DNA binding affinity of a homodinuclear Cu(II) complex. <i>New Journal of Chemistry</i> , 2019, 43, 7511-7519.	1.4	23
15	Extracellular biosynthesis of silver nanoparticles: effects of shape-directing cetyltrimethylammonium bromide, pH, sunlight and additives. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 953-964.	1.7	20
16	Extracellular synthesis of silver dimer nanoparticles using <i>Callistemon viminalis</i> (bottlebrush) extract and evaluation of their antibacterial activity. <i>Spectroscopy Letters</i> , 2016, 49, 268-275.	0.5	20
17	Honey mediated green synthesis of graphene based NiO ₂ /Cu ₂ O nanocomposite (Gr@NiO ₂ /Cu ₂ O NCs): Catalyst for the synthesis of functionalized Schiff-base derivatives. <i>Journal of Alloys and Compounds</i> , 2018, 738, 56-71.	2.8	20
18	Multi-spectroscopic and molecular docking studies on the interaction of new phthalimides with <i>calif-thymus</i> DNA: <i>In vitro</i> free radical scavenging activities. <i>Spectroscopy Letters</i> , 2016, 49, 108-117.	0.5	19

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19	Experimental and molecular docking investigation on DNA interaction of <i>N</i> -substituted phthalimides: antibacterial, antioxidant and hemolytic activities. <i>Luminescence</i> , 2017, 32, 298-308.	1.5	19
20	Design and Synthesis of Carbothioamide/Carboxamide-Based Pyrazoline Analogs as Potential Anticancer Agents: Apoptosis, Molecular Docking, ADME Assay, and DNA Binding Studies. <i>ACS Omega</i> , 2022, 7, 22639-22656.	1.6	16
21	Binding and thermodynamic study of thalidomide with calf thymus DNA: Spectroscopic and computational approaches. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 644-655.	3.6	15
22	Investigation of DNA binding and molecular docking propensity of phthalimide derivatives: in vitro antibacterial and antioxidant assay. <i>Journal of Analytical Science and Technology</i> , 2019, 10, .	1.0	14
23	<i>In Silico</i> and Electrochemical Studies for a ZnO–CuO-Based Immunosensor for Sensitive and Selective Detection of <i>E. coli</i> . <i>ACS Omega</i> , 2021, 6, 16076-16085.	1.6	14
24	Synthesis, characterization, DFT calculation, antifungal, antioxidant, CT-DNA/pBR322 DNA interaction and molecular docking studies of heterocyclic analogs. <i>Journal of Molecular Structure</i> , 2021, 1245, 131248.	1.8	14
25	Synthesis, spectroscopic studies of novel <i>N</i> -substituted phthalimides and evaluation of their antibacterial, antioxidant, DNA binding and molecular docking studies. <i>Bangladesh Journal of Pharmacology</i> , 2015, 10, 703.	0.1	12
26	Design, synthesis and cytotoxicity evaluation of pyrazolyl pyrazoline and pyrazolyl aminopyrimidine derivatives as potential anticancer agents. <i>Medicinal Chemistry Research</i> , 2018, 27, 560-570.	1.1	11
27	New phthalimide-appended Schiff bases: Studies of DNA binding, molecular docking and antioxidant activities. <i>Luminescence</i> , 2017, 32, 829-838.	1.5	9
28	Synthesis, <i>In Vitro</i> Biological Evaluation and <i>In Silico</i> Studies of Some New Heterocyclic Schiff Bases. <i>ChemistrySelect</i> , 2018, 3, 13517-13525.	0.7	9
29	Design, Synthesis, and Cytotoxicity Evaluation of 3-(5-(3-(aryl)-phenyl)-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-pyrazol-3-ylpyridine and 5-(3-(aryl)-1-phenyl-1H-pyrazol-4-yl)-3-(pyridin-3-yl)-4,5-dihydropyrazole-1-carbaldehyde Derivatives as Potential Anticancer Agents. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1812-1821.	1.4	8
30	Synthesis, characterization and antimicrobial activity studies of <i>N</i> - <i>N</i> -tetracarboxydiethyloxamide ligand and its metal(II) complexes. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1729-1738.	0.8	7
31	Design, synthesis and cytotoxicity evaluation of novel (<i>E</i>)-3-(3-aryl-1-phenyl-1H-pyrazol-4-yl)-1-(pyridin-3-yl)prop-2-en-1-ones as anticancer agents. <i>Heterocyclic Communications</i> , 2016, 22, 221-225.	0.6	5
32	2-Amino-5-substituted-1,3,4-oxadiazole as chemosensor for Ni(II) ion detection: antifungal, antioxidant, DNA binding, and molecular docking studies. <i>Luminescence</i> , 2022, , .	1.5	2
33	Synthesis, crystal structures and spectral characterization of Cu(II) and Mn(II) complexes of 4-hydroxy-3-methoxybenzaldehyde: antioxidant properties and molecular docking studies. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3336-3353.	0.8	1