

Rahisuddin

List of Publications by Year in descending order

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26
papers

614
citations

516710

16
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

792
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.	4.1	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.	3.6	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.	3.4	50
4	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.	3.6	44
5	Synthesis, spectral and crystallographic study, DNA binding and molecular docking studies of homodinuclear Co(II) and Ni(II) complexes. <i>Journal of Molecular Structure</i> , 2019, 1175, 889-899.	3.6	36
6	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.	3.6	33
7	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.	4.1	31
8	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.	2.5	26
9	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.	2.8	26
10	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.	3.6	24
11	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.	2.8	23
12	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.	3.4	20
13	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.	1.0	20
14	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.	5.5	20
15	Multi-spectroscopic and molecular docking studies on the interaction of new phthalimides with calf-thymus DNA: <i>In vitro</i> free radical scavenging activities. <i>Spectroscopy Letters</i> , 2016, 49, 108-117.	1.0	19
16	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.	2.9	19
17	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.	3.5	16
18	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.	7.5	15

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19	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, .	2.1	14
20	Synthesis, spectroscopic studies of novel N-substituted phthalimides and evaluation of their antibacterial, antioxidant, DNA binding and molecular docking studies. <i>Bangladesh Journal of Pharmacology</i> , 2015, 10, 703.	0.4	12
21	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.	2.4	11
22	New phthalimide-appended Schiff bases: Studies of DNA binding, molecular docking and antioxidant activities. <i>Luminescence</i> , 2017, 32, 829-838.	2.9	9
23	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.	1.5	9
24	Synthesis, characterization and antimicrobial activity studies of N - N α -tetracarboxydiethyloxamide ligand and its metal(II) complexes. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1729-1738.	2.2	7
25	Synthesis, single crystal structure, DNA binding and antioxidant properties of 5-(4-(dimethylamino)phenyl)-3-(thiophen-2-yl)-pyrazoline-1-carbothioamide. <i>Journal of Molecular Structure</i> , 2022, 1261, 132950.	3.6	6
26	Biomediated Unmodified Silver Nanoparticles as a Green Probe for Cu ²⁺ Ion Detection. <i>Sensor Letters</i> , 2015, 13, 953-960.	0.4	4