

Zohreh Mehri Lighvan

List of Publications by Year in descending order

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17
papers

363
citations

840585

11
h-index

887953

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g-index

17
all docs

17
docs citations

17
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of a novel trinuclear palladium complex containing an oxime chelate ligand: determining the interaction mechanism with the DNA groove and BSA site I by spectroscopic and molecular dynamics simulation approaches. <i>New Journal of Chemistry</i> , 2015, 39, 8708-8719.	1.4	66
2	Two new neutral copper(II) complexes with dipicolinic acid and 3-amino-1H-1,2,4-triazole formed under different reaction conditions: Synthesis, characterization, molecular structures and DNA-binding studies. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 364-371.	2.6	54
3	Synthesis of a novel trinuclear palladium complex: the influence of an oxime chelate ligand on biological evaluation towards double-strand DNA, BSA protein and molecular modeling studies. <i>RSC Advances</i> , 2016, 6, 78424-78435.	1.7	39
4	Synthesis and spectroscopic characterization study of new palladium complexes containing bioactive O,O-chelated ligands: evaluation of the DNA/protein BSA interaction, <i>in vitro</i> antitumoural activity and molecular docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3324-3340.	2.0	33
5	Synthesis, electronic structure and molecular docking of new organometallic palladium (II) complexes with intercalator ligands: The influence of bridged ligands on enhanced DNA/serum protein binding and <i>in vitro</i> antitumoral activity. <i>Journal of Organometallic Chemistry</i> , 2017, 827, 1-14.	0.8	27
6	Synthesis, spectroscopic characterization and <i>in vitro</i> cytotoxicities of new organometallic palladium complexes with biologically active β^2 -diketones; Biological evaluation probing of the interaction mechanism with DNA/Protein and molecular docking. <i>Journal of Molecular Structure</i> , 2018, 1154, 480-495.	1.8	22
7	Novel mononuclear zinc complexes with 2,2-dimethyl-4,4-bithiazole: Synthesis, crystal structure and DNA-binding studies. <i>Polyhedron</i> , 2012, 42, 153-160.	1.0	21
8	Salicylic acid-loaded chitosan nanoparticles (SA/CTS NPs) for breast cancer targeting: Synthesis, characterization and controlled release kinetics. <i>Journal of Molecular Structure</i> , 2021, 1245, 131040.	1.8	20
9	Synthesis, characterization and biological activities of two novel orthopalladated complexes: Interactions with DNA and bovine serum albumin, antitumour activity and molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3740.	1.7	17
10	DNA Binding Properties of Water-Soluble Mixed Ligand Nickel(II) Complex with Calf-thymus DNA Using Different Instrumental Methods. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1882-1888.	0.6	15
11	DNA G-quadruplexes binding and antitumor activity of palladium aryl oxime ligand complexes encapsulated in either albumin or algal cellulose nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 70-79.	2.5	13
12	Cytotoxicity and DNA/BSA binding ability of copper(II) complexes with dimethylbithiazole. <i>Monatshefte für Chemie</i> , 2016, 147, 1651-1658.	0.9	10
13	Spectral and molecular docking studies of nucleic acids/protein binding interactions of a novel organometallic palladium (II) complex containing bioactive PTA ligands: Its synthesis, anticancer effects and encapsulation in albumin nanoparticles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5839.	1.7	7
14	Antiproliferative activity of morpholine-based compounds on MCF-7 breast cancer, colon carcinoma C26, and normal fibroblast NIH-3T3 cell lines and study of their binding affinity to calf thymus-DNA and bovine serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3788-3802.	2.0	6
15	Nano-based methods for novel coronavirus 2019 (2019-nCoV) diagnosis: A review. <i>Cell Biochemistry and Function</i> , 2021, 39, 29-34.	1.4	6
16	A versatile β^2 -cyclodextrin and N-heterocyclic palladium complex bi-functionalized iron oxide nanoadsorbent for water treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55419-55432.	2.7	6
17	Synthesis and biological evaluation of novel tetranuclear cyclopalladated complex bearing thiosemicarbazone scaffold ligand: Interactions with double-strand DNA, coronavirus, and molecular modeling studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	1