Effat Dehghanian

List of Publications by Year
in descending order

18	364	932766 10	887659 17
papers	citations	h-index	g-index

18	18	18	288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing the interaction of new and biologically active Pd(II) complex with DNA/BSA via joint experimental and computational studies along with thermodynamic, NLO, FMO and NBO analysis. BioMetals, 2022, 35, 245-266.	1.8	6
2	A couple of antitumor Pd(II) complexes make DNA-refolding and HSA-unfolding: Experimental and docking studies. Journal of Molecular Liquids, 2022, 349, 118450.	2.3	10
3	Probing the biomolecular (DNA/BSA) interaction by new Pd(II) complex via in-depth experimental and computational perspectives: synthesis, characterization, cytotoxicity, and DFT approach. Journal of the Iranian Chemical Society, 2022, 19, 3155-3175.	1.2	21
4	Diverse coordination of dipicolinic acid to Pd(II) ion result antitumor complexes, their interaction with CT-DNA by spectroscopic experiments and computational methods. Journal of Molecular Structure, 2022, 1261, 132937.	1.8	3
5	Synthesis, characterization, cytotoxicity and DNA/BSA binding of two amino acid palladium(II) complexes derived from alanine and valine. Nucleosides, Nucleotides and Nucleic Acids, 2022, 41, 97-122.	0.4	3
6	Biological activity of bis-(morpholineacetato)palladium(II) complex: Preparation, structural elucidation, cytotoxicity, DNA-/serum albumin-interaction, density functional theory, in-silico prediction and molecular modeling. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 281, 121543.	2.0	19
7	A novel palladium(II) antitumor agent: Synthesis, characterization, DFT perspective, CT-DNA and BSA interaction studies via in-vitro and in-silico approaches. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 249, 119215.	2.0	52
8	A modified binary particle swarm optimization with a machine learning algorithm and molecular docking for QSAR modelling of cholinesterase inhibitors. SAR and QSAR in Environmental Research, 2021, 32, 745-767.	1.0	2
9	Synthesis and characterization of Pd(II) antitumor complex, DFT calculation and DNA/BSA binding insight through the combined experimental and theoretical aspects. Journal of Molecular Structure, 2021, 1240, 130535.	1.8	31
10	DNA/BSA binding affinity studies of new Pd(II) complex with S-S and N-N donor mixed ligands via experimental insight and molecular simulation: Preliminary antitumor activity, lipophilicity and DFT perspective. Journal of Molecular Liquids, 2021, 344, 117853.	2.3	35
11	Enhanced GROMACS: toward a better numerical simulation framework. Journal of Molecular Modeling, 2019, 25, 355.	0.8	43
12	A multiobjective approach in constructing a predictive model for Fischerâ€Tropsch synthesis. Journal of Chemometrics, 2018, 32, e2969.	0.7	4
13	Hierarchy cuckoo search algorithm for parameter estimation in biological systems. Chemometrics and Intelligent Laboratory Systems, 2016, 159, 97-107.	1.8	19
14	Cuckoo search algorithm and its application for secondary protein structure prediction. , 2015, , .		3
15	Comparison of single best artificial neural network and neural network ensemble in modeling of palladium microextraction. Monatshefte FÃ¼r Chemie, 2015, 146, 1217-1227.	0.9	9
16	Enhanced ionization of the non-symmetric HeH+ molecule driven by intense ultrashort laser pulses. Journal of Chemical Physics, 2013, 139, 084315.	1.2	23
17	Enhanced ionization of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>molecule driven by intense ultrashort laser pulses. Physical Review A, 2010, 81, .	1.0	48
18	Complex integration steps in decomposition of quantum exponential evolution operators. Chemical Physics Letters, 2006, 419, 346-350.	1.2	33