

# Nahid Shahabadi

## List of Publications by Year in descending order

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139  
papers

3,788  
citations

136950

32  
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161849

54  
g-index

140  
all docs

140  
docs citations

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times ranked

3639  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA binding and DNA cleavage studies of a water soluble cobalt(II) complex containing dinitrogen Schiff base ligand: The effect of metal on the mode of binding. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4239-4245.	5.5	247
2	Multispectroscopic studies on the interaction of 2-tert-butylhydroquinone (TBHQ), a food additive, with bovine serum albumin. <i>Food Chemistry</i> , 2011, 124, 1063-1068.	8.2	164
3	Study on the interaction of food colourant quinoline yellow with bovine serum albumin by spectroscopic techniques. <i>Food Chemistry</i> , 2012, 135, 1836-1841.	8.2	108
4	Spectroscopic studies on the interaction of calf thymus DNA with the drug levetiracetam. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 278-283.	3.9	104
5	Multi-spectroscopic and molecular modeling studies on the interaction of antihypertensive drug; methyldopa with calf thymus DNA. <i>Molecular BioSystems</i> , 2014, 10, 338-347.	2.9	98
6	Multispectroscopic DNA-binding studies of a tris-chelate nickel(II) complex containing 4,7-diphenyl 1,10-phenanthroline ligands. <i>Journal of Molecular Structure</i> , 2010, 970, 90-95.	3.6	97
7	DNA interaction studies of a platinum(II) complex, PtCl <sub>2</sub> (NN) (NN=4,7-dimethyl-1,10-phenanthroline), using different instrumental methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 757-761.	3.9	93
8	<i>In Vitro</i> Study of DNA Interaction with a Water-Soluble Dinitrogen Schiff Base. <i>DNA and Cell Biology</i> , 2009, 28, 589-596.	1.9	92
9	Study on the interaction of the drug mesalamine with calf thymus DNA using molecular docking and spectroscopic techniques. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 128, 20-26.	3.8	91
10	Binding studies of a new copper (II) complex containing mixed aliphatic and aromatic dinitrogen ligands with bovine serum albumin using different instrumental methods. <i>Journal of Molecular Structure</i> , 2009, 929, 193-199.	3.6	90
11	Study on the interaction of the epilepsy drug, zonisamide with human serum albumin (HSA) by spectroscopic and molecular docking techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 627-632.	3.9	88
12	Multispectroscopic DNA interaction studies of a water-soluble nickel(II) complex containing different dinitrogen aromatic ligands. <i>Transition Metal Chemistry</i> , 2010, 35, 699-705.	1.4	78
13	DNA interaction studies of a novel Cu(II) complex as an intercalator containing curcumin and bathophenanthroline ligands. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 122, 45-51.	3.8	76
14	Binding studies of the antidiabetic drug, metformin to calf thymus DNA using multispectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 406-410.	3.9	70
15	Study on the interaction of antiviral drug Tenofovir™ with human serum albumin by spectral and molecular modeling methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 169-175.	3.9	68
16	Multispectroscopic studies of the interaction of calf thymus DNA with the anti-viral drug, valacyclovir. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 83, 420-424.	3.9	67
17	Determining the mode of interaction of calf thymus DNA with the drug sumatriptan using voltammetric and spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 18-22.	3.9	63
18	Synthesis, characterization and multi-spectroscopic DNA interaction studies of a new platinum complex containing the drug metformin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 377-385.	3.9	60

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19	DNA binding, DNA cleavage and cytotoxicity studies of a new water soluble copper(II) complex: The effect of ligand shape on the mode of binding. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 351-359.	3.9	53
20	Selenium nanoparticles: Synthesis, in-vitro cytotoxicity, antioxidant activity and interaction studies with ct-DNA and HSA, Hb and Cyt c serum proteins. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 30, e00615.	4.4	53
21	Evaluation of ct-DNA and HSA binding propensity of antibacterial drug chloroxine: Multi-spectroscopic analysis, atomic force microscopy and docking simulation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118042.	3.9	47
22	Molecular modeling and spectroscopic studies on the interaction of the chiral drug venlafaxine hydrochloride with bovine serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 100-106.	3.9	46
23	Molecular modeling and multispectroscopic studies of the interaction of mesalamine with bovine serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 422-429.	3.9	46
24	Improving antiproliferative effect of the anticancer drug cytarabine on human promyelocytic leukemia cells by coating on Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 213-222.	5.0	45
25	Spectrophotometric simultaneous determination of cobalt, copper and nickel using nitroso-R-salt in alloys by partial least squares. <i>Analytica Chimica Acta</i> , 2004, 510, 121-126.	5.4	44
26	Synthesis Characterization and DNA Interaction Studies of a New Zn(II) Complex Containing Different Dinitrogen Aromatic Ligands. <i>Bioinorganic Chemistry and Applications</i> , 2012, 2012, 1-8.	4.1	44
27	Multi-spectroscopic DNA interaction studies of sunset yellow food additive. <i>Molecular Biology Reports</i> , 2012, 39, 10045-10051.	2.3	44
28	Experimental and molecular docking studies on DNA binding interaction of adefovir dipivoxil: Advances toward treatment of hepatitis B virus infections. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 154-159.	3.9	42
29	Gel electrophoresis and DNA interaction studies of the food colorant quinoline yellow. <i>Dyes and Pigments</i> , 2013, 96, 377-382.	3.7	41
30	Some mono- and binuclear platinum(II) complexes: a comparative kinetic study of reaction of ethyl iodide with platinum(II)cyclopentane and dimethylplatinum(II) complexes. <i>Journal of Organometallic Chemistry</i> , 1998, 568, 53-61.	1.8	39
31	DNA interaction studies of a platinum (II) complex containing an antiviral drug, ribavirin: The effect of metal on DNA binding. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 723-728.	3.9	39
32	Study on the interaction of sodium morin-5-sulfonate with bovine serum albumin by spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 191-195.	3.9	39
33	Antiproliferative effects of new magnetic pH-responsive drug delivery system composed of Fe <sub>3</sub> O <sub>4</sub> , CaAl layered double hydroxide and levodopa on melanoma cancer cells. <i>Materials Science and Engineering C</i> , 2019, 101, 472-486.	7.3	33
34	Spectroscopic and computational studies on the interaction of DNA with pregabalin drug. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 840-845.	3.9	31
35	Study on the interaction of the antiviral drug, zidovudine with DNA using neutral red (NR) and methylene blue (MB) dyes. <i>Journal of Luminescence</i> , 2013, 134, 629-634.	3.1	30
36	Biophysical studies on the interaction of platinum(II) complex containing antiviral drug ribavirin with human serum albumin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 376-382.	3.8	30

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37	DNA-binding study of anticancer drug cytarabine by spectroscopic and molecular docking techniques. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 49-65.	1.1	30
38	Experimental and molecular modeling studies on the DNA-binding of diazacyclam-based acrocyclic copper complex. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 7-14.	3.8	29
39	DNA Binding and Gel Electrophoresis Studies of a Copper (II) Complex Containing Mixed Aliphatic and Aromatic Dinitrogen Ligands. <i>DNA and Cell Biology</i> , 2010, 29, 329-336.	1.9	28
40	DNA Interaction Studies of a New Platinum(II) Complex Containing Different Aromatic Dinitrogen Ligands. <i>Bioinorganic Chemistry and Applications</i> , 2011, 2011, 1-8.	4.1	28
41	Binding Studies of AICAR and Human Serum Albumin by Spectroscopic, Theoretical, and Computational Methodologies. <i>Molecules</i> , 2020, 25, 5410.	3.8	28
42	Identification of Binding Mode of a Platinum (II) Complex, (DIP), and Calf Thymus DNA. <i>Bioinorganic Chemistry and Applications</i> , 2011, 2011, 1-7.	4.1	27
43	Racemic R,S-venlafaxine hydrochlorideâ€DNA interaction: Experimental and computational evidence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 540-552.	3.9	26
44	Synthesis, Characterization, and DNA Binding Studies of a New Pt(II) Complex Containing the Drug Levettiracetam: Combining Experimental and Computational Methods. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2436-2454.	2.9	25
45	Study on the interaction of silver(I) complex with bovine serum albumin by spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 92, 184-188.	3.9	24
46	Synthesis, characterization and DNA interaction of a novel Pt(II) macrocyclic Schiff base complex containing the piperazine moiety and its cytotoxicity and molecular docking. <i>Journal of Molecular Liquids</i> , 2021, 337, 116292.	4.9	24
47	Spectroscopic and molecular docking studies on the interaction of the drug olanzapine with calf thymus DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1454-1459.	3.9	23
48	A multi-spectroscopic and molecular docking approach to investigate the interaction of antiviral drug oseltamivir with ct-DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 435-451.	1.1	22
49	Multispectroscopic studies on the interaction of a copper(ii) complex of ibuprofen drug with calf thymus DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 83-106.	1.1	22
50	Synthesis, characterization, cytotoxicity and DNA binding studies of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles coated by an antiviral drug lamivudine. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 55-65.	3.0	22
51	Functionalization of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> magnetic nanoparticles with nicotinamide and in vitro DNA interaction. <i>Journal of Molecular Liquids</i> , 2016, 224, 227-233.	4.9	21
52	DNA binding studies of antibiotic drug cephalixin using spectroscopic and molecular docking techniques. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 428-447.	1.1	21
53	Cytotoxicity and antibacterial activities of new chemically synthesized magnetic nanoparticles containing eugenol. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 113-122.	3.0	20
54	Antiproliferative activity and human serum albumin binding propensity of [SnMe <sub>2</sub> Cl <sub>2</sub> (bu <sub>2</sub> bpy)]: multi-spectroscopic analysis, atomic force microscopy, and computational studies. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1349-1376.	2.2	20

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55	DNA Interaction Studies of a Copper (II) Complex Containing an Antiviral Drug, Valacyclovir: The Effect of Metal Center on the Mode of Binding. <i>DNA and Cell Biology</i> , 2012, 31, 1328-1334.	1.9	19
56	Interaction of Calf Thymus DNA with the Antiviral Drug Lamivudine. <i>DNA and Cell Biology</i> , 2012, 31, 122-127.	1.9	19
57	Human serum albumin interaction studies of a new copper(II) complex containing ceftobiprole drug using molecular modeling and multispectroscopic methods. <i>Journal of Coordination Chemistry</i> , 2018, 71, 329-341.	2.2	19
58	Studies on the interaction of antibiotic drug rifampin with DNA and influence of bivalent metal ions on binding affinity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 195-201.	3.9	19
59	Investigation of crystallographic structure, in vitro cytotoxicity and DNA interaction of two La(III) and Ce(IV) complexes containing dipicolinic acid and 4-dimethylaminopyridine. <i>Polyhedron</i> , 2019, 163, 20-32.	2.2	19
60	Design, synthesis and DNA interaction studies of new fluorescent platinum complex containing anti-HIV drug didanosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2837-2848.	3.5	19
61	DNA Binding, DNA Cleavage, and Cytotoxicity Studies of Two New Copper (II) Complexes. <i>DNA and Cell Biology</i> , 2011, 30, 287-296.	1.9	18
62	Synthesis, characterization and DNA interaction studies of a new platinum(II) complex containing caffeine and histidine ligands using instrumental and computational methods. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2871-2885.	2.2	18
63	A novel sensitive laccase biosensor using gold nanoparticles and poly L-arginine to detect catechol in natural water. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 502-509.	3.1	18
64	DNA Binding and Gel Electrophoresis Studies of a New Silver(I) Complex Containing 2,9-Dimethyl-1,10-Phenanthroline Ligands. <i>DNA and Cell Biology</i> , 2011, 30, 187-194.	1.9	17
65	Investigation of the effects of Zn <sup>2+</sup> , Ca <sup>2+</sup> and Na <sup>+</sup> ions on the interaction between zonisamide and human serum albumin (HSA) by spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 48-54.	3.9	17
66	Functionalization of Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> nanoparticles using the antiviral drug zidovudine: synthesis, characterization, in vitro cytotoxicity and DNA interaction studies. <i>RSC Advances</i> , 2016, 6, 73605-73616.	3.6	17
67	Spectroscopic and molecular docking studies on the interaction of antiviral drug nevirapine with calf thymus DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 1-18.	1.1	17
68	Laccase immobilized onto graphene oxide nanosheets and electrodeposited gold-cetyltrimethylammonium bromide complex to fabricate a novel catechol biosensor. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	1.7	17
69	DNA Interaction with PtCl <sub>2</sub> (LL) (LL = Chelating Diamine Ligand: N,N-Dimethyltrimethylenediamine) Complex. <i>Applied Biochemistry and Biotechnology</i> , 2009, 158, 1-10.	2.9	16
70	DNA Interaction Studies of a Platinum(II) Complex Containing <i>l</i> -Histidine and 1,10-Phenanthroline Ligands. <i>DNA and Cell Biology</i> , 2012, 31, 883-890.	1.9	16
71	Interaction studies of copper complex containing food additive carmoisine dye with human serum albumin (HSA): Spectroscopic investigations. <i>Luminescence</i> , 2017, 32, 1319-1327.	2.9	16
72	DNA binding affinity of a macrocyclic copper(II) complex: Spectroscopic and molecular docking studies. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 497-510.	1.1	16

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73	Studies on the Interaction of [SnMe <sub>2</sub> Cl <sub>2</sub> (bu <sub>2</sub> bpy)] Complex with ct-DNA Using Multispectroscopic, Atomic Force Microscopy (AFM) and Molecular Docking. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 157-182.	1.1	16
74	DNA Interaction and DNA Cleavage Studies of a New Platinum(II) Complex Containing Aliphatic and Aromatic Dinitrogen Ligands. Bioinorganic Chemistry and Applications, 2011, 2011, 1-10.	4.1	15
75	Binding Studies of a New Water-Soluble Iron(III) Schiff Base Complex to DNA Using Multispectroscopic Methods. Bioinorganic Chemistry and Applications, 2012, 2012, 1-9.	4.1	15
76	Amperometric determination of sulfide ion by glassy carbon electrode modified with multiwall carbon nanotubes and copper (II) phenanthroline complex. Open Chemistry, 2014, 12, 1091-1099.	1.9	15
77	Spectroscopic investigation into the interaction of a diazacyclam-based macrocyclic copper(ii) complex with bovine serum albumin. Luminescence, 2017, 32, 43-50.	2.9	15
78	New water-soluble Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> magnetic nanoparticles functionalized with levetiracetam drug for adsorption of essential biomolecules by case studies of DNA and HSA. Journal of Biomolecular Structure and Dynamics, 2020, 38, 283-294.	3.5	15
79	DNA Interaction Studies of an Antiviral Drug, Ribavirin, Using Different Instrumental Methods. DNA and Cell Biology, 2012, 31, 876-882.	1.9	14
80	Synthesis of a new Pt(II) complex containing valganciclovir drug and calf-thymus DNA interaction study using multispectroscopic methods. Journal of Coordination Chemistry, 2018, 71, 258-270.	2.2	14
81	Synthesis, structural determination and HSA interaction studies of a new water-soluble Cu(II) complex derived from 1,10-phenanthroline and ranitidine drug. Journal of Coordination Chemistry, 2017, 70, 3186-3198.	2.2	13
82	DNA-binding studies of a new Cu(II) complex containing reverse transcriptase inhibitor and anti-HIV drug zalcitabine. Journal of Coordination Chemistry, 2019, 72, 1957-1972.	2.2	13
83	Molecular modeling and multispectroscopic studies of the interaction of hepatitis B drug, adefovir dipivoxil with human serum albumin. Journal of Luminescence, 2015, 167, 339-346.	3.1	12
84	Disquisition on the interaction of ibuprofen-Zn(II) complex with calf thymus DNA by spectroscopic techniques and the use of Hoechst 33258 and Methylene blue dyes as spectral probes. Nucleosides, Nucleotides and Nucleic Acids, 2018, 37, 125-146.	1.1	12
85	Selectivity in reactions of a dimethylplatinacyclopentane complex. Journal of Organometallic Chemistry, 1994, 484, 53-57.	1.8	11
86	Multispectroscopic Studies on the Interaction of a Platinum(II) Complex Containing l-Histidine and 1,10-Phenanthroline Ligands with Bovine Serum Albumin. Applied Biochemistry and Biotechnology, 2014, 172, 2800-2814.	2.9	11
87	Interaction of a copper (II) complex containing an artificial sweetener (aspartame) with calf thymus DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 120, 1-6.	3.9	11
88	Experimental and computational studies on the effects of valganciclovir as an antiviral drug on calf thymus DNA. Nucleosides, Nucleotides and Nucleic Acids, 2017, 36, 31-48.	1.1	11
89	The effect of dimerization on the interaction of ibuprofen drug with calf thymus DNA: Molecular modeling and spectroscopic investigation. Nucleosides, Nucleotides and Nucleic Acids, 2018, 37, 147-168.	1.1	11
90	Human serum albumin binding studies of a new platinum(IV) complex containing the drug pregabalin: experimental and computational methods. Journal of Coordination Chemistry, 2019, 72, 600-618.	2.2	11

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91	Equilibrium and site selective analysis for DNA threading intercalation of a new phosphine copper(I) complex: Insights from X-ray analysis, spectroscopic and molecular modeling studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118280.	3.9	11
92	Inhibitory activity of FDA-approved drugs cetilistat, abiraterone, diiodohydroxyquinoline, bexarotene, remdesivir, and hydroxychloroquine on COVID-19 main protease and human ACE2 receptor: A comparative in silico approach. <i>Informatics in Medicine Unlocked</i> , 2021, 26, 100745.	3.4	11
93	Green synthesis of Chloroxine-conjugated silver nanoflowers: Promising antimicrobial activity and in vivo cutaneous wound healing effects. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105215.	6.7	11
94	Mechanistic and Conformational Studies on the Interaction of a Platinum(II) Complex Containing an Antiepileptic Drug, Levetiracetam, With Bovine Serum Albumin by Optical Spectroscopic Techniques in Aqueous Solution. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1843-1857.	2.9	10
95	Synthesis, characterization and comparative DNA interaction studies of new copper(II) and nickel(II) complexes containing mesalamine drug using molecular modeling and multispectroscopic methods. <i>Journal of Coordination Chemistry</i> , 2015, 68, 3667-3684.	2.2	10
96	Synthesis, Characterization, Molecular Modeling, and DNA Interaction Studies of Copper Complex Containing Food Additive Carmoisine Dye. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 315-333.	1.1	10
97	Nontoxic silver nanocluster-induced folding, fibrillation, and aggregation of blood plasma proteins. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 838-848.	7.5	10
98	DNA binding and cytotoxicity studies of magnetic nanofluid containing antiviral drug oseltamivir. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2980-2988.	3.5	10
99	Synthesis of nano zinc-based metal-organic frameworks under ultrasound irradiation in comparison with solvent-assisted linker exchange: Increased storage of N <sub>2</sub> and CO <sub>2</sub> . <i>Ultrasonics Sonochemistry</i> , 2019, 59, 104729.	8.2	10
100	Study on the interaction of a copper(II) complex containing the artificial sweetener aspartame with human serum albumin. <i>Molecular Biology Reports</i> , 2014, 41, 3271-3278.	2.3	9
101	An electrochemical biosensor based on cobalt nanoparticles synthesized in iron storage protein molecules to determine ascorbic acid. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 740-745.	3.1	9
102	Synthesis, characterization and in vitro DNA binding studies of a new copper(II) complex containing antioxidant ferulic acid. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2589-2605.	2.2	9
103	Synthesis, characterization, HSA interaction, and antibacterial activity of a new water-soluble Pt(II) complex containing the drug cephalexin. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3708-3730.	2.2	9
104	Synthesis, characterization and in vitro cytotoxicity studies of novel Cu(II) complex containing zonisamide drug: DNA interaction by multi spectroscopic and molecular docking methods. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4682-4696.	3.5	9
105	Synthesis, characterization and in vitro DNA binding studies of a new copper(II) complex containing an antiviral drug, valganciclovir. <i>Journal of Coordination Chemistry</i> , 2017, 70, 201-222.	2.2	8
106	Antimicrobial, cytotoxicity, molecular modeling and DNA cleavage/binding studies of zinc-naproxen complex: switching DNA binding mode of naproxen by coordination to zinc ion. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-13.	3.5	8
107	In vitro cytotoxicity studies of smart pH-sensitive lamivudine-loaded CaAl-LDH magnetic nanoparticles against Mel-Rm and A-549 cancer cells. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 213-225.	3.5	8
108	The role of both intercalation and groove binding at AT-rich DNA regions in the interaction process of a dinuclear Cu(I) complex probed by spectroscopic and simulation analysis. <i>Journal of Molecular Liquids</i> , 2021, 335, 116290.	4.9	8

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109	Can polyoxometalates (POMs) prevent of coronavirus 2019-nCoV cell entry? Interaction of POMs with TMPRSS2 and spike receptor domain complexed with ACE2 (ACE2-RBD): Virtual screening approaches. Informatics in Medicine Unlocked, 2022, 29, 100902.	3.4	8
110	Synthesis, characterization, molecular modeling, and DNA interaction studies of a Cu(II) complex containing drug of chronic hepatitis B: adefovir dipivoxil. Journal of Coordination Chemistry, 2015, 68, 1387-1401.	2.2	7
111	Intercalation of a Zn(II) complex containing ciprofloxacin drug between DNA base pairs. Nucleosides, Nucleotides and Nucleic Acids, 2017, 36, 676-689.	1.1	7
112	A Novel and Enhanced Membrane-Free Performance of Glucose/O <sub>2</sub> Biofuel Cell, Integrated With Biocompatible Laccase Nanoflower Biocathode and Glucose Dehydrogenase Bioanode. IEEE Sensors Journal, 2019, 19, 11988-11994.	4.7	7
113	<i>In vitro</i> spectroscopic investigation of groove binding interaction of Fe <sub>3</sub> O <sub>4</sub> @CaAl-LDH@L-Dopa with calf thymus DNA. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 1020-1035.	1.1	7
114	A Cu(I) complex groove binder with a high affinity towards DNA denaturation. Journal of Molecular Liquids, 2022, 345, 117904.	4.9	7
115	A fluorescent sensor based on methyl dopa drug modified <sup>64</sup> Fe <sub>2</sub> O <sub>3</sub> nanoparticles for ultrasensitive detection of calf thymus DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 104-109.	3.9	6
116	Synthesis, characterization and DNA interaction studies of new copper complex containing pseudoephedrine hydrochloride drug. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 680-699.	1.1	6
117	Spectrophotometric and physicochemical studies on the interaction of a new platinum(IV) complex containing the drug pregabalin with calf thymus DNA. Journal of Coordination Chemistry, 2020, 73, 35-51.	2.2	6
118	Insight into the binding mechanism of macrolide antibiotic; erythromycin to calf thymus DNA by multispectroscopic and computational approaches. Journal of Biomolecular Structure and Dynamics, 2022, 40, 6171-6182.	3.5	6
119	Design of green magneto-fluorescent <sup>64</sup> Fe <sub>2</sub> O <sub>3</sub> -methyl dopa conjugate nanocrystal as a targeted probe for monitoring of esterase activity. Journal of Photochemistry and Photobiology B: Biology, 2015, 149, 215-223.	3.8	5
120	Application of a fluorescent biosensor based on magneto- <sup>64</sup> Fe <sub>2</sub> O <sub>3</sub> -methyl dopa nanoparticles for adsorption of human serum albumin. Luminescence, 2016, 31, 937-944.	2.9	5
121	Investigation of controlled release properties and anticancer effect of folic acid conjugated magnetic core-shell nanoparticles as a dual responsive drug delivery system on A-549 and A-431 cancer cell lines. Research on Chemical Intermediates, 2020, 46, 4257-4278.	2.7	5
122	Intercalation of manganese-mefenamic acid complex into double stranded of calf thymus DNA. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 901-919.	1.1	4
123	Multispectroscopic analysis, atomic force microscopy, molecular docking and molecular dynamic simulation studies of the interaction between [SnMe <sub>2</sub> Cl <sub>2</sub> (Me <sub>2</sub> phen)] complex and ct-DNA in the presence of glucose. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5068-5082.	3.5	4
124	Multispectroscopic and molecular docking studies on DNA binding of guaifenesin drug. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 317-335.	1.1	4
125	Experimental and Molecular Docking Studies on the Interaction of a Water-Soluble Pd(II) Complex Containing $\beta$ -2-Amino Alcohol with Calf Thymus DNA. Biological Trace Element Research, 2021, , 1.	3.5	4
126	Comparison between Platinum-Azidothymidine and Azidothymidine Effects on Bcl-2 and Telomerase Gene Expression in Rats with Hepatocellular Carcinoma. Avicenna Journal of Medical Biotechnology, 2015, 7, 50-6.	0.3	4



#	ARTICLE	IF	CITATIONS
127	DNA Interaction Studies of Cobalt (II) Mixed-Ligand Complexes Containing Dimethyl-1, 10-Phenanthroline and Dipyrido[3,2-a:2',3'-c]Phenazine: The Role of Methyl Substitutions on the Mode of Binding. <i>DNA and Cell Biology</i> , 2011, 30, 507-515.	1.9	3
128	DNA-interaction studies of a copper(II) complex containing ceftobiprole drug using molecular modeling and multispectroscopic methods. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2843-2855.	2.2	3
129	Molecular docking and spectroscopic studies on the interaction of new fifth-generation antibacterial drug ceftobiprole with calf thymus DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 732-751.	1.1	3
130	Interaction of human hemoglobin (HHb) and cytochrome c (Cyt c) with biogenic chloroxine-conjugated silver nanoflowers: spectroscopic and molecular docking approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 8913-8924.	3.5	3
131	DNA Interaction Studies of a Cobalt(II) Mixed-Ligand Complex Containing Two Intercalating Ligands: 4,7-Dimethyl-1, 10-Phenanthroline and Dipyrido[3,2-a:2',3'-c]phenazine. <i>ISRN Inorganic Chemistry</i> , 2013, 2013, 1-7.	0.2	2
132	In vitro interaction of nucleoside reverse transcriptase inhibitor, didanosine with calf-thymus DNA: Insights from spectroscopic studies. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 1122-1133.	1.1	2
133	Exploring the binding mechanisms of inorganic magnetic nanocarrier containing L-Dopa with HSA protein utilizing multi spectroscopic techniques. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 7160-7167.	3.5	2
134	In vitro cytotoxicity, antibacterial activity and HSA and ct-DNA interaction studies of chlorogenic acid loaded on $\text{Fe}_2\text{O}_3/\text{SiO}_2$ as new nanoparticles. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, , 1-21.	3.5	2
135	Studies of Ponceau 4R food colorant and zinc oxide nanoparticles containing it interactions with DNA and evaluation of their antimicrobial activity. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	2.0	2
136	Direct effects of low-energy electrons on including sulfur bonds in proteins: a second-order Møller-Plesset perturbation (MP2) theory approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1681-1687.	3.5	1
137	Zinc oxide nanoparticles coated with food colorant Brilliant black: Synthesis, characterization, and comparative DNA interaction and antibacterial activity studies. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15514.	2.0	0
138	Green synthesized silver nanoparticles obtained from <i>Stachys schtschegleevii</i> extract: ct-DNA interaction and in silico and in vitro investigation of antimicrobial activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, , 1-14.	3.5	0
139	Synthesis, characterization, in vitro cytotoxicity and DNA interaction studies of antioxidant ferulic acid loaded on $\text{Fe}_2\text{O}_3/\text{SiO}_2$ nanoparticles. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 0, , 1-18.	1.1	0