M P Evstigneev

List of Publications by Year
in descending order

148	2,318	230014	312153
papers	citations	27 h-index	41 g-index

152	152	152	1733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Novel Water-Soluble C60 Fullerene-Based Nano-Platform Enhances Efficiency of Anticancer Chemotherapy. , 2022, , 59-93.		0
2	Interceptor potential of C60 fullerene aqueous solution: a comparative analysis using the example of the antitumor antibiotic mitoxantrone. European Biophysics Journal, 2022, 51, 297-307.	1.2	1
3	Design, characterization and mechanical properties of new Na+, CO32â^'-apatite/alginate/C60 fullerene hybrid biocomposites. Journal of the Korean Ceramic Society, 2021, 58, 422-429.	1.1	5
4	Comparative analysis of self-aggregation of liquid crystalline Pt(II) complexes in solution and in neat films. Journal of Organometallic Chemistry, 2021, 938, 121750.	0.8	1
5	Study of aggregation of O^N^N^O Pt(II) complexes in solution. Journal of Molecular Liquids, 2021, 334, 116062.	2.3	2
6	Antitumor efficiency of the natural alkaloid berberine complexed with C60 fullerene in Lewis lung carcinoma in vitro and in vivo. Cancer Nanotechnology, 2021, 12, .	1.9	10
7	Nanocomplex of Berberine with C60 Fullerene Is a Potent Suppressor of Lewis Lung Carcinoma Cells Invasion In Vitro and Metastatic Activity In Vivo. Materials, 2021, 14, 6114.	1.3	5
8	The interplay of enthalpic/entropic factors in nanoparticles' aggregation in solution: The case of fullerene C60. Journal of Molecular Liquids, 2020, 318, 114043.	2.3	4
9	Studies on potential interaction between cinacalcet hydrochloride and diclofenac sodium. Biophysical Chemistry, 2020, 266, 106460.	1.5	0
10	Fractal C60 fullerene aggregation: Equilibrium thermodynamics approach. Chemical Physics Letters, 2020, 742, 137161.	1.2	7
11	Single-walled carbon nanotubes loaded hydroxyapatiteâ€“alginate beads with enhanced mechanical properties and sustained drug release ability. Progress in Biomaterials, 2020, 9, 1-14.	1.8	14
12	A Novel Nanoconjugate of Landomycin A with C60 Fullerene for Cancer Targeted Therapy: In Vitro Studies. Cellular and Molecular Bioengineering, 2019, 12, 41-51.	1.0	19
13	The energetics of small molecules binding with nucleic acids. Journal of Chemical Thermodynamics, 2019, 139, 105887.	1.0	1
14	In vitro study of the anticancer activity of various doxorubicin-containing dispersions. BioImpacts, 2019, 9, 57-63.	0.7	17
15	C60 Fullerene as an Effective Nanoplatform of Alkaloid Berberine Delivery into Leukemic Cells. Pharmaceutics, 2019, 11, 586.	2.0	29
16	Tuning the Aggregation of N[^]N[^]C Pt(II) Complexes by Varying the Aliphatic Side Chain and Auxiliary Halide Ligand:¹H and ¹⁹⁵Pt NMR Investigation. European Journal of Inorganic Chemistry, 2019, 2019, 4122-4128.	1.0	11
17	Interaction of pseudoephedrine and azithromycin with losartan: Spectroscopic, dissolution and permeation studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 221, 117194.	2.0	2
18	The theory of interceptor-protector action of DNA binding drugs. Progress in Biophysics and Molecular Biology, 2019, 149, 131-146.	1.4	4

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19	Hetero-association models of non-covalent molecular complexation. Physical Chemistry Chemical Physics, 2019, 21, 7717-7731.	1.3	10
20	General up-scaled model of ligand binding with C60 fullerene clusters in aqueous solution. Chemical Physics Letters, 2019, 721, 22-26.	1.2	10
21	Does C60 fullerene act as a transporter of small aromatic molecules?. Colloids and Surfaces B: Biointerfaces, 2018, 164, 134-143.	2.5	34
22	Self-Organization of Pristine C60 Fullerene and its Complexes with Chemotherapy Drugs in Aqueous Solution as Promising Anticancer Agents. Springer Proceedings in Physics, 2018, , 3-22.	0.1	5
23	Study of the properties of doxorubicin-resistant cells affected by acute leucosis. Journal of Bioenergetics and Biomembranes, 2018, 50, 53-58.	1.0	1
24	Generalized shape-independent approach to studying molecular hetero-assembly in solution using NMR diffusometry. Journal of Molecular Liquids, 2018, 265, 88-95.	2.3	4
25	Determination of the equilibrium constant of C₆₀ fullerene binding with drug molecules. Physical Chemistry Chemical Physics, 2017, 19, 6777-6784.	1.3	11
26	Measuring Selfâ€Association of Pt Complexes by ¹⁹⁵Pt NMR. ChemistrySelect, 2017, 2, 3353-3355.	0.7	5
27	Comparative Analysis of the Antineoplastic Activity of C60 Fullerene with 5-Fluorouracil and Pyrrole Derivative In Vivo. Nanoscale Research Letters, 2017, 12, 8.	3.1	28
28	C60 fullerene enhances cisplatin anticancer activity and overcomes tumor cell drug resistance. Nano Research, 2017, 10, 652-671.	5.8	61
29	Molecular Modeling-Based Energy Analysis of Dimeric Binding of Ligands to the Minor DNA Groove. Biophysics (Russian Federation), 2017, 62, 876-884.	0.2	0
30	A nanocomplex of C₆₀ fullerene with cisplatin: design, characterization and toxicity. Beilstein Journal of Nanotechnology, 2017, 8, 1494-1501.	1.5	41
31	Effect of Nicotinamide on the Photolysis of Riboflavin in Aqueous Solution. Scientia Pharmaceutica, 2016, 84, 289-303.	0.7	2
32	Biophysical characterization of the complexation of C₆₀ fullerene with doxorubicin in a prokaryotic model. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 92-97.	0.5	12
33	Clustering of hydrochloric acid on the surface of C₆₀/C₇₀ fullerite and its composites with nanosilica. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 172-179.	0.5	1
34	Interaction of C₆₀ fullerene complexed to cisplatin with model bilipid membranes and its uptake by HeLa cells. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 105-111.	0.5	2
35	Conformational, IR spectroscopic and electronic properties of conium alkaloids and their adducts with C60 fullerene. Journal of Molecular Structure, 2016, 1118, 167-171.	1.8	2
36	Physiographic factors of seasonal distribution of linear trends in air temperature on the Azov-Black sea coast. Russian Meteorology and Hydrology, 2016, 41, 19-27.	0.2	3

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37	Development of heterogeneous preparation with inulinase for tubular reactor systems. Journal of Molecular Catalysis B: Enzymatic, 2016, 129, 1-5.	1.8	6
38	Study of the complexation between Landomycin A and C60 fullerene in aqueous solution. RSC Advances, 2016, 6, 81231-81236.	1.7	12
39	Does fullerene C60 affect cell membranes integrity?. New Biotechnology, 2016, 33, S146-S147.	2.4	0
40	Optimal experiment design: Link between the concentration and the accuracy of estimation of aggregation parameters. Chemical Physics Letters, 2016, 664, 133-137.	1.2	0
41	Interrelation of Entropic Contributors to $$pi $$ Ï€ -Stacking in Solution. International Journal of Thermophysics, 2016, 37, 1.	1.0	1
42	Hidden entropic contribution in the thermodynamics of molecular complexation. Physical Chemistry Chemical Physics, 2016, 18, 7617-7625.	1.3	5
43	Interaction of C 60 fullerene complexed to doxorubicin with model bilipid membranes and its uptake by HeLa cells. Materials Science and Engineering C, 2016, 59, 398-403.	3.8	33
44	Complex of C60 Fullerene with Doxorubicin as a Promising Agent in Antitumor Therapy. Nanoscale Research Letters, 2015, 10, 499.	3.1	57
45	Application of C₆₀ Fullerene-Doxorubicin Complex for Tumor Cell Treatment <I>In</I> <I>Vitro</I> and <I>In</I> <I>Vivo</I>. Journal of Biomedical Nanotechnology, 2015, 11, 1139-1152.	0.5	83
46	Entropic binding mode preference in cooperative homo-dimeric drugâ€“DNA recognition. Chemical Physics Letters, 2015, 624, 12-14.	1.2	4
47	Structural organization of C60 fullerene, doxorubicin, and their complex in physiological solution as promising antitumor agents. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	49
48	PMR Characterization of the Water Structure in Tibetan Milk Mushroom Zooglea: Influence of Medium Hydration and Hydrophobicity. Journal of Applied Spectroscopy, 2015, 82, 353-359.	0.3	1
49	C60 fullerene affects elastic properties and osmoregulation reactions of human lymphocytes. European Biophysics Journal, 2015, 44, 493-498.	1.2	7
50	Shape-independent model (SHIM) approach for studying aggregation by NMR diffusometry. Journal of Chemical Physics, 2015, 142, 104202.	1.2	9
51	Structural self-organization of C₆₀ and cisplatin in physiological solution. Physical Chemistry Chemical Physics, 2015, 17, 26084-26092.	1.3	40
52	Structural Features of Highly Stable Reproducible C₆₀Fullerene Aqueous Colloid Solution Probed by Various Techniques. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 530-534.	1.0	103
53	Tumor-Inhibitory Effect of C60 Fullerene Complex with Doxorubicin. Nanomedicine and Nanobiology, 2015, 2, 49-53.	0.4	5
54	Thermal analysis of ligand-DNA interaction: determination of binding parameters. AIMS Biophysics, 2015, 2, 423-440.	0.3	8

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55	C60 Fullerene as Synergistic Agent in Tumor-Inhibitory Doxorubicin Treatment. Drugs in R and D, 2014, 14, 333-340.	1.1	69
56	General features of the energetics of complex formation between ligand and nucleic acids. Biophysics (Russian Federation), 2014, 59, 546-551.	0.2	2
57	Energy analysis of non-covalent ligand binding to nucleic acids: Present and future. Biophysics (Russian Federation), 2014, 59, 552-555.	0.2	2
58	On the Origin of C₆₀ Fullerene Solubility in Aqueous Solution. Langmuir, 2014, 30, 3967-3970.	1.6	109
59	Effect of phosphate buffer on the complexation and photochemical interaction of riboflavin and caffeine in aqueous solution: A kinetic study. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 273, 17-22.	2.0	12
60	Quantitative correlation of the in vitro biological effect with parameters of molecular complexation in mutagen-interceptor systems. Journal of Theoretical Biology, 2014, 357, 268-271.	0.8	2
61	Binding polynomial in molecular self-assembly. Physical Review E, 2014, 89, 062138.	0.8	4
62	Evidence of entropically driven C60 fullerene aggregation in aqueous solution. Journal of Chemical Physics, 2014, 140, 104909.	1.2	25
63	Theoretical Description of Metabolism Using Queueing Theory. Bulletin of Mathematical Biology, 2014, 76, 2238-2248.	0.9	7
64	Characterization of C₆₀ fullerene complexation with antibiotic doxorubicin. Physical Chemistry Chemical Physics, 2014, 16, 23164-23172.	1.3	55
65	Hetero-association of aromatic molecules in aqueous solution. International Reviews in Physical Chemistry, 2014, 33, 229-273.	0.9	29
66	Interceptor effect of C60 fullerene on the in vitro action of aromatic drug molecules. European Biophysics Journal, 2014, 43, 265-276.	1.2	44
67	Complexation of aromatic drugs with single-walled carbon nanotubes. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	14
68	Spectroscopic Study of Proflavine Adsorption on the Carbon Nanotube Surface. Applied Spectroscopy, 2014, 68, 232-237.	1.2	3
69	Dimerization Energetics of DNA Minor Groove Binders. Ukrainian Journal of Physics, 2014, 59, 461-472.	0.1	3
70	Indistinguishability of the models of molecular self-assembly. Supramolecular Chemistry, 2013, 25, 199-203.	1.5	15
71	The role of mixing entropy in molecular self-assembly. Chemical Physics Letters, 2013, 567, 48-49.	1.2	6
72	Complexation of C₆₀ Fullerene with Aromatic Drugs. ChemPhysChem, 2013, 14, 568-578.	1.0	68

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73	On the reliability of quantitation of biological effect in drugâ€“interceptorâ€“DNA systems. European Biophysics Journal, 2013, 42, 315-319.	1.2	4
74	C60 fullerene aggregation in aqueous solution. Physical Chemistry Chemical Physics, 2013, 15, 9351.	1.3	75
75	General statistical-thermodynamical treatment of one-dimensional multicomponent molecular hetero-assembly in solution. Chemical Physics, 2013, 421, 77-83.	0.9	11
76	Thiazotropsin aggregation and its relationship to molecular recognition in the DNA minor groove. Biophysical Chemistry, 2013, 179, 1-11.	1.5	14
77	Development of an Analytical Approach to Study a Three-Component Hetero-Association by Means of Spectrophotometry. Applied Spectroscopy, 2013, 67, 29-35.	1.2	5
78	Physicochemical Mechanisms of Synergistic Biological Action of Combinations of Aromatic Heterocyclic Compounds. Organic Chemistry International, 2013, 2013, 1-10.	1.0	16
79	On the a priori possibility of the formation of hexameric mini-hairpin d(GCGAGC) in solution. Journal of Molecular Structure, 2012, 1027, 124-127.	1.8	2
80	Energy of ligand-RNA complex formation. Biophysics (Russian Federation), 2012, 57, 450-463.	0.2	5
81	Relation between the change in DNA elasticity on ligand binding and the binding energetics. Physical Review E, 2012, 86, 031919.	0.8	6
82	Energetics of ligand binding to the DNA minor groove. Physical Chemistry Chemical Physics, 2012, 14, 5588.	1.3	21
83	Random versus sequential pathway of molecular self-assembly. Physical Review E, 2012, 85, 061405.	0.8	13
84	Intermolecular hydrogen bonds in hetero-complexes of biologically active aromatic molecules probed by the methods of vibrational spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 95, 224-229.	2.0	7
85	1H NMR study of the complexation of aromatic drugs with dimethylxanthine derivatives. Journal of Molecular Structure, 2012, 1010, 139-145.	1.8	5
86	General analysis of competitive binding in drugâ€“interceptorâ€“DNA systems. European Biophysics Journal, 2012, 41, 273-283.	1.2	16
87	Thermodynamic analysis of complex formation of ethidium bromide with DNA in water solutions. Biophysics (Russian Federation), 2011, 56, 214-219.	0.2	9
88	Contribution of enthalpy to the energetics of complex formation of aromatic ligands with DNA. Biophysics (Russian Federation), 2011, 56, 634-643.	0.2	4
89	A revised treatment of the non-electrostatic contribution to the solvation free energy of DNA-binding ligands. Journal of Molecular Liquids, 2011, 163, 178-180.	2.3	4
90	Quantification of the interceptor action of caffeine on the inÂvitro biological effect of the anti-tumour agent topotecan. European Biophysics Journal, 2011, 40, 969-980.	1.2	15

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91	Calculation of the electrostatic charges and energies for intercalation of aromatic drug molecules with DNA. International Journal of Quantum Chemistry, 2011, 111, 711-721.	1.0	17
92	A novel computational approach â€œBP-STOCHâ€•to study ligand binding to finite lattice. Biopolymers, 2011, 95, 208-216.	1.2	3
93	NMR analysis of Nile Blue (C. I. Basic Blue 12) and Thionine (C. I. 52000) in solution. Dyes and Pigments, 2011, 88, 315-325.	2.0	15
94	Additional stabilization of hetero-complexes of aromatic molecules: H-bonds or charge-transfer?. Journal of Molecular Structure, 2011, 985, 403-406.	1.8	4
95	Parsing of the free energy of aromaticâ€“aromatic stacking interactions in solution. Journal of Chemical Thermodynamics, 2011, 43, 1424-1434.	1.0	32
96	Complete solution of the problem of one-dimensional non-covalent non-cooperative self-assembly in two-component systems. Journal of Chemical Physics, 2011, 134, 194902.	1.2	19
97	Does the ligand-biopolymer equilibrium binding constant depend on the number of bound ligands?. Biopolymers, 2010, 93, 932-935.	1.2	5
98	Hexamer oligonucleotide topology and assembly under solution phase NMR and theoretical modeling scrutiny. Biopolymers, 2010, 93, 1023-1038.	1.2	5
99	Relation between structure and enthalpy for stacking interactions of aromatic molecules. Molecular Physics, 2010, 108, 1941-1947.	0.8	8
100	Computation of energetic contribution of loss of degrees of freedom upon complexation of aromatic molecules. Journal of Physical Studies, 2010, 14, .	0.2	1
101	Hydration change on complexation of aromatic ligands with DNA: molecular dynamics simulations. Biopolymers and Cell, 2010, 26, 36-44.	0.1	8
102	Partition of thermodynamic energies of drugâ€“DNA complexation. Biopolymers, 2009, 91, 773-790.	1.2	32
103	Interaction of ethidium bromide and caffeine with DNA in aqueous solution. Journal of Applied Spectroscopy, 2009, 76, 132-139.	0.3	40
104	Complexation of Biologically Active Aromatic Compounds with DNA in the Presence of Theophylline. Journal of Biological Physics, 2009, 35, 115-126.	0.7	13
105	Contribution of changes in translational, rotational, and vibrational degrees of freedom to the energy of complex formation of aromatic ligands with DNA. Biophysics (Russian Federation), 2009, 54, 428-436.	0.2	5
106	Calculation of the thermodynamic potentials of changes in translational, rotational, and vibrational degrees of freedom in the dimerization of aromatic molecules. Russian Journal of Physical Chemistry B, 2009, 3, 707-712.	0.2	2
107	Profiles of equilibrium constants for self-association of aromatic molecules. Journal of Chemical Physics, 2009, 130, 165105.	1.2	27
108	Hydrophobic contribution to the free energy of complexation of aromatic ligands with DNA. Biopolymers and Cell, 2009, 25, 133-141.	0.1	6

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109	Quantitation of the molecular mechanisms of biological synergism in a mixture of DNA-acting aromatic drugs. Biophysical Chemistry, 2008, 132, 148-158.	1.5	21
110	Complexation of heterocyclic ligands with DNA in aqueous solution. Journal of Applied Spectroscopy, 2008, 75, 251-260.	0.3	24
111	Electrostatic contribution to the energy of binding of aromatic ligands with DNA. Biopolymers, 2008, 89, 680-690.	1.2	23
112	Structural and thermodynamic analysis of the hetero-association of theophylline with aromatic drug molecules. Journal of Molecular Structure, 2008, 889, 229-236.	1.8	12
113	A â€œmicroscopicâ€•model of complexation between intercalators and DNA: Analysis of NMR spectroscopy data. Biophysics (Russian Federation), 2008, 53, 38-43.	0.2	1
114	Structural Basis for the Binding Affinity of a Homologous Series of Synthetic Phenoxazone Drugs with DNA: NMR and Molecular Mechanics Analysis. Journal of Biomolecular Structure and Dynamics, 2007, 24, 443-453.	2.0	5
115	A method for analysis of multicomponent systems of interacting aromatic molecules in solution. Journal of Chemical Physics, 2007, 127, 154511.	1.2	14
116	On the origin of the decrease in stability of the DNA hairpin d(GCGAAGC) on complexation with aromatic drugs. Biophysical Chemistry, 2007, 129, 56-59.	1.5	7
117	Investigation of the complexation of the anti-cancer drug novantrone with the hairpin structure of the deoxyheptanucleotide 5â€²-d(GpCpGpApApGpC). Journal of Molecular Structure, 2007, 843, 78-86.	1.8	8
118	Structural and thermodynamic analysis of the conformational states of self-complementary hexanucleotides 5â€²-d(GCATGC) and 5â€²-d(GCTAGC) in Aqueous Solution. Biophysics (Russian Federation), 2007, 52, 375-382.	0.2	1
119	Formation of complexes of antimicrobial agent norfloxacin with antitumor antibiotics of anthracycline series. Russian Journal of Physical Chemistry A, 2007, 81, 802-807.	0.1	6
120	Estimation of the mean number of molecules in associates of aromatic compounds. Russian Journal of Physical Chemistry A, 2007, 81, 1888-1890.	0.1	3
121	1H NMR study of the hetero-association of flavin-mononucleotide with mutagenic dyes: ethidium bromide and proflavine. Molecular Physics, 2006, 104, 647-654.	0.8	14
122	Interaction between aromatic antibiotics and vitamins: 1H NMR study of heteroassociation of nicotinamide and anthracycline antitumor antibiotics. Biophysics (Russian Federation), 2006, 51, 176-185.	0.2	3
123	Heteroassociation of antibiotic norfloxacin with aromatic vitamins in aqueous solution. Biophysics (Russian Federation), 2006, 51, 592-598.	0.2	4
124	Complexation of the quinolone antibiotic norfloxacin with DNA. Molecular Biology, 2006, 40, 805-810.	0.4	6
125	Complexation of norfloxacin with DNA in the presence of caffeine. Biophysical Chemistry, 2006, 121, 84-95.	1.5	39
126	NMR investigation of the effect of caffeine on the hetero-association of an anticancer drug with a vitamin. Chemical Physics Letters, 2006, 432, 248-251.	1.2	22

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127	Stochastic models (cooperative and non-cooperative) for NMR analysis of the hetero-association of aromatic molecules in aqueous solution. Chemical Physics, 2006, 321, 25-33.	0.9	20
128	1H NMR determination of the self-association of an acridine homodimer and its complexation with ethidium bromide in aqueous solution. Journal of Molecular Structure, 2006, 784, 162-168.	1.8	4
129	Spectrophotometric investigation of the hetero-association of Caffeine and thiazine dye in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 64, 693-697.	2.0	32
130	Self-association of daunomycin antibiotic in various buffer solutions. Russian Journal of Physical Chemistry A, 2006, 80, 741-746.	0.1	17
131	Aggregation of 1,3,7-trimethylxanthine with methylene blue in aqueous solution. Journal of Applied Spectroscopy, 2006, 73, 171-177.	0.3	12
132	Complexation of anthracycline drugs with DNA in the presence of caffeine. European Biophysics Journal, 2006, 36, 1-11.	1.2	31
133	Effect of a mixture of caffeine and nicotinamide on the solubility of vitamin (B2) in aqueous solution. European Journal of Pharmaceutical Sciences, 2006, 28, 59-66.	1.9	51
134	Hetero-association of anticancer antibiotics in aqueous solution: NMR and molecular mechanics analysis. Biophysical Chemistry, 2005, 117, 111-118.	1.5	17
135	Complexation of daunomycin with a DNA oligomer in the presence of an aromatic vitamin (B2) determined by NMR spectroscopy. Biophysical Chemistry, 2005, 118, 118-127.	1.5	19
136	Structural and thermodynamic analysis of heteroassociation of daunomycin and flavin mononucleotide molecules in water by 1H NMR spectroscopy. Journal of Structural Chemistry, 2005, 46, 67-74.	0.3	6
137	Analysis by Means of 1H NMR Spectroscopy of Heteroassociaion in Water Solution of Antitumor Antibiotics Daunomycin and Actinomycin D. Russian Journal of Organic Chemistry, 2005, 41, 1158-1164.	0.3	3
138	<title>Comparative analysis of the self-association of ethidium mono- and bis-intercalators in aqueous solution using <formula>^{<roman>1</roman>}</formula>H NMR spectroscopy</title>. , 2004, , .		0
139	1H NMR Study of Heteroassociation of Ethidium Homodimer and Propidium Iodide in Water. Journal of Structural Chemistry, 2004, 45, 793-799.	0.3	1
140	1H NMR structural and thermodynamical analysis of the hetero-association of daunomycin and novatrone in aqueous solution. Journal of Molecular Structure, 2004, 701, 31-37.	1.8	17
141	1H NMR investigation of the self-association of ethidium homodimer and its complexation with propidium iodide in aqueous solution. Journal of Molecular Structure, 2004, 690, 17-24.	1.8	1
142	1H NMR Study of Heteroassociation of Daunomycin and Propidium Iodide in Aqueous Solution. Russian Journal of Organic Chemistry, 2002, 38, 1035-1041.	0.3	3
143	1H-NMR analysis of the interaction of antibiotic mitoxantrone with DNA in the presence of caffeine in aqueous solution. Biopolymers and Cell, 2002, 18, 287-296.	0.1	1
144	Self-association of the antitumour agent novatrone (mitoxantrone) and its hetero-association with caffeine. Perkin Transactions II RSC, 2001, , 61-67.	1.1	47

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145	1H NMR Analysis of Heteroassociation of Caffeine with Mitoxanthrone in Aqueous Solution. Journal of Structural Chemistry, 2001, 42, 777-783.	0.3	4
146	A general nuclear magnetic resonance analysis of hetero-association of aromatic molecules in aqueous solution. Journal of Chemical Physics, 2001, 115, 2252-2266.	1.2	25
147	A generalized statistical-thermodynamical model of hetero-association of aromatic molecules in aqueous solution for the NMR data interpretation. Biopolymers and Cell, 2001, 17, 501-511.	0.1	1
148	¹H NMR investigation of the hetero-association of aromatic molecules in aqueous solution: factors involved in the stabilization of complexes of daunomycin and acridine drugs. Molecular Physics, 2000, 98, 1961-1971.	0.8	45